

A person wearing orange and black STIHL safety gear, including a helmet and chaps, is using a chainsaw to cut a large log in a forest. The log is lying on the ground, and the person is standing on a rocky, mossy surface. The background is a dense forest with many trees.

**STIHL**

# CATALOGUE 2024

---

EN(W)

# INNOVATION FROM TRADITION

---

Making it easier to work with and in nature is what we strive for every day. To achieve that, we are always focused on our customers' challenges – big and small. We revolutionised forestry work with the first petrol-driven chainsaw in 1929, while our development of the QuickStop chain brake and anti-vibration system brought about significant improvements in safety. And most recently, with the MS 500i – the world's first chainsaw with electronically controlled fuel injection – we are introducing an outstanding power-to-weight ratio into the forest.

And we are getting to work on the next challenges: we have already been engaging with global climate change, new legal framework conditions and changed needs of our customers for some time. With these goals in mind our own STIHL research and development department, powered by more than 900 experts, is currently developing ideas for the future, driving new technologies forward and getting the most out of existing and new products. We underscore this endeavour with the MSA 300, which is currently our most powerful battery saw on the market.

As such, STIHL is relying on nothing less than technological leadership in both segments, petrol and battery. Here we continue to do what our grandfather laid the foundation for: we understand real-world requirements, think ahead with new ideas and develop solutions that make it easier for all users to work with and in nature. Every single product and even every detail bears the distinctive signature of our innovative strength, with which we also want to inspire people around the world for many generations to come.

## YOUR STIHL FAMILY

Karen Tebar  
Deputy Chair of the Advisory Board

Dr Nikolas Stihl  
Chair of the Advisory Board

Selina Stihl  
Deputy Chair of the Advisory Board



# TIME FOR THE OUTDOORS

## BATTERY POWER

Battery system solution for professional users FROM PAGE 14

Battery power systems for domestic use FROM PAGE 50

## SAWING AND CUTTING

Chainsaws, pole pruners and cutting attachments FROM PAGE 76

Hedge trimmers and long-reach hedge trimmers FROM PAGE 144

KombiSystem and MultiSystem FROM PAGE 166

Concrete cutters and cut-off machines FROM PAGE 180

## MOWING, PLANTING, FARMING AND HARVEST

Robotic mowers, push mowers and aerators FROM PAGE 200

Brushcutters and clearing saws FROM PAGE 242

Harvesters FROM PAGE 290

Farming tools FROM PAGE 300

Power tillers FROM PAGE 306

Earth auger FROM PAGE 312

Mistblowers and sprayers FROM PAGE 320

## CLEANING AND TIDYING

Blowers, vacuum shredders, sweeping machines, high-pressure cleaners, wet and dry vacuums FROM PAGE 332

Water pumps FROM PAGE 384

Garden shredders FROM PAGE 390

## ACCESSORIES

Smart solutions FROM PAGE 400

Fuels and lubricants FROM PAGE 404

Personal protective equipment FROM PAGE 418

Hand tools and forestry accessories FROM PAGE 462

## BRAND SHOP

FROM PAGE 476

## TECHNOLOGY HIGHLIGHTS IN DETAIL

FROM PAGE 482

# NEW PRODUCTS OVERVIEW

## BATTERY POWER

### AP-System

Charge management CM 12	16
Battery charging cabinet (asecos)	17
Portable power supply PS 3000	19
MSA 160 C-B battery chainsaw	20
MSA 200 C-B battery chainsaw	20
MSA 220 C-B battery chainsaw	21
HTA 66 K battery pole pruner	23
HTA 150 battery pole pruner	24
HTA 160 battery pole pruner	25
FSA 120 battery brushcutter	26
FSA 200 battery brushcutter	27
HSA 100 battery hedge trimmer	28
KMA 120 R battery KombiEngine	30
RMA 443 PV battery lawn mower	32
RMA 448 PV battery lawn mower	32
RMA 453 PV battery lawn mower	33
RMA 765 V battery lawn mower set with 2 x AP 500 S + AL 501 + ADA 1000	33
RMA 765 V battery lawn mower set with AR 3000 L + AL 501	33
SPA 130 battery olive harvester	36
SPA 140 battery olive harvester	36
AL 501 quick charger	39
ADVANCE X-Flex modular harness system	40
ADA 1000 double battery slot adapter	42
Protective foot for KMA 80 R and KMA 120 R	43
TIMBERSPORTS® edition chainsaw bag	44

### AK-System

MSA 60 C-B battery chainsaw	52
MSA 70 C-B battery chainsaw	52
HSA 50 battery hedge trimmer	53
HSA 60 battery hedge trimmer	53
FSA 80 battery brushcutter	56

BGA 60 battery blower	57
KMA 80 R battery KombiEngine	59
RMA 235 battery lawn mower	60
RMA 239 C / RMA 239 battery lawn mower	60
RMA 243 battery lawn mower	61
RMA 248 T / RMA 248 battery lawn mower	61
RMA 253 T / RMA 253 battery lawn mower	62
RMA 443 V / RMA 443 battery lawn mower	62
RMA 448 V battery lawn mower	63
AK 30 S battery	65

### AS-System

Extension for GTA 26	68
HSA 30 battery hedge trimmer	69
HSA 40 battery hedge trimmer	69
FSA 30 battery trimmer	70

## SAWING AND CUTTING

### Chainsaws, pole pruners and cutting attachments

MS 162 / MS 162 C-BE chainsaws	80
MS 172 / MS 172 C-BE chainsaws	80
MS 182 / MS 182 C-BE chainsaws	81
MS 212 / MS 212 C-BE chainsaws	81
MSA 200 C-B battery carving chainsaw	95
Service Kits 3, 4 and 5	99
ADVANCE X-Flex basic forestry set	102
ADVANCE X-Flex pro forestry set	102
ADVANCE X-TREEm HT set	112
3/8"-PS3 Pro saw chain	125
Cut Kits	129
Light O4 guide bar, 1.1 mm	137
Wooden file handle for 3.2 mm files	142

### Hedge trimmers and long-reach hedge trimmers

Service Kit 48	156
----------------	-----

### KombiSystem and MultiSystem

KM 235 R KombiEngine	170
KM 235 KombiEngine	170

### Concrete cutters and cut-off machines

TS 710i petrol cut-off machine	189
TS 910i petrol cut-off machine	190
Service Kit 53	192
System conversion kit with quick-mounting system for TS 700i and TS 900i	194
Wear and tear protection	194

## MOWING, PLANTING, FARMING AND HARVEST

### Robotic mowers, push mowers and aerators

iMOW® 5 / iMOW® 5 EVO robot mower	212
iMOW® 6 / iMOW® 6 EVO robot mower	212
iMOW® 7 / iMOW® 7 EVO robot mower	212
Installation kits	216
Boundary wire	216
Wire clips	216
Fixing nails / Bio fixing nails	216
iMOW® Fixing Kit 1	216
iMOW® basic blades	217
iMOW® upgrade Kit 10	217
Blades for RMI robotic mowers	217
Docking stations	217
Sun canopy	217
RM 248 T / RM 248 petrol lawn mower	223
RM 253 T / RM 253 petrol lawn mower	223
RM 443 T / RM 443 petrol lawn mower	224
RM 448 V / RM 448 T petrol lawn mower	224
RM 453 V / RM 453 T petrol lawn mower	225

### Brushcutters and clearing saws

ADVANCE GRIP control handle	269
ADVANCE X-Flex FS harness	272
ADVANCE X-Flex FS set	272
AutoCut mowing head 27-2	282
18-2 PolyCut mowing head	282
AutoCut spools	283
Plastic blade set for PolyCut 6-2 and 18-2	285
Guards for line mowing heads and PolyCut	289

## CLEANING AND TIDYING

### Cleaning systems

RE 105 X high-pressure cleaner	358
Spray guard	362
Rotating brush roller	363
Telescopic spray lance	365

## ACCESSORIES

### Fuels and lubricants

Varioclean Eco special cleaner, 150 ml and 500 ml	414
MS / MS Plus Care & Clean kit	415

### Personal protective equipment

FUNCTION MS Kit	430
DYNAMIC Light helmet set	453
ADVANCE X-Vent ProCOM helmet set	455
TIMBERSPORTS® EDITION safety glasses	458

### Hand tools and forestry accessories

ADVANCE X-Flex pockets and holders	468
------------------------------------	-----

# NEW PRODUCTS HIGHLIGHTS

## RE 100 PLUS CONTROL

PARTICULARLY CONVENIENT  
HIGH-PRESSURE CLEANER

High-pressure cleaner with the PLUS in comfort. Built-in function on the spray lance (CONTROL) to adjust pressure at the touch of a button and LED pressure indicator directly on the lance, integrated hose reel, 3-in-1 nozzle with integrated rotary nozzle, fan-jet nozzle and cleaning agent nozzle.



MORE ON **PAGE 357**

## MS 162 / MS 172 / MS 182 / MS 212

NEW ENTRY-LEVEL RANGE

Along with the MS 162 from 2022, the MS 172, MS 182 and MS 212 complement our new entry-level range of petrol-driven chainsaws. Equipped with a STIHL 2-MIX engine, STIHL anti-vibration system and single-lever control, all models offer the optimum combination of performance, reliability and effortless application. Whether it's proven STIHL quality at an attractive price-performance ratio or the bonus of extra comfort – we offer the right chainsaw for any demand.



MORE ON **PAGE 80**

## KM 235

PARTICULARLY POWERFUL PETROL KOMBIENGINE



Thanks to the large selection of KombiTools for the STIHL KM 235 you can complete a wide range of challenging garden and landscape maintenance tasks. The new KombiEngine with its automatic decompression and manual fuel pump is easy to start very convenient thanks to the controls integrated in the single-handed multi-function handle.

MORE ON **PAGE 170**

## HEXA SAW CHAIN AND FILE

THE STIHL EXCLUSIVE PROFESSIONAL  
CUTTING SYSTEM

With the patented Hexa cutting system, consisting of Hexa saw chain and Hexa file, STIHL sets new standards in terms of cutting performance, sharpening and endurance of a saw chain..

MORE ON **PAGE 126**



## TS 710i<sup>®</sup> / TS 910i<sup>®</sup>

ULTIMATE PERFORMANCE WHEN IT COMES  
TO CUTTING AND PRECISION



Our new compact and powerful TS 710i is perfect for use with a full cutting depth of up to 125 mm, while the TS 910 is our most powerful cut-off machine with a cutting depth of up to 145 mm. Thanks to the innovative STIHL Injection system, the engine performance is optimised and the starting process is easier. The good balance and user-friendly design ensure optimised cutting performance when cutting mineral and metallic construction materials. Both cut-off machines will impress you with their precise positioning and cut guidance, whether you're working with the power tool horizontally on the ground or making angled cuts.

MORE FROM **PAGE 189**

# NEW PRODUCTS HIGHLIGHTS



## ADVANCE X-FLEX MODULAR HARNESS SYSTEM



ONE SOLUTION FOR MANY TASKS

The ADVANCE X-Flex modular harness system from STIHL ensures that professionals working in the forest, in municipalities or in landscaping or agricultural environments are perfectly equipped as they work. The assortment of belts, pockets and holders, which can be customised for every task you undertake, offers maximum flexibility and the utmost ergonomic comfort as you work.

Hip belt or harness Various pockets and holders can be quickly attached to the central element of the harness using the clip system. Depending on the task you are taking on, you can complete your equipment set with the shoulder harness, FS harness or ADVANCE X-TREEm HT forestry harness.

➔ You can find the ideal equipment for working with battery power tools on page 40

➔ You can find the ideal equipment for working in the forest on page 102

➔ You can find out about maximum ergonomics when working with the HTA 150 pole pruner on page 108

➔ You can find out about outstanding comfort when working with brushcutters on page 272

### ADVANCE X-FLEX SHOULDER HARNESS

Complements hip belt and harness, particularly for heavy loads.



### ADVANCE X-FLEX FS HARNESS

Makes work easier when using brushcutters and clearing saws



### ADVANCE X-FLEX HIP BELT

Padded hip harness with suspension eyelets for shoulder harness and FS harness. With an attachment bar for securing pockets and holders using the STIHL clip system.



### ADVANCE X-FLEX HARNESS

Slimline harness for carrying lighter loads and use in high temperatures. With suspension eyelets for shoulder harness and hanging bar for attaching pockets and holders using the STIHL clip system. Not suitable for work with clearing saws or brushcutters.



#### The right accessories for every task

With the innovative STIHL clip system, you can secure a wide range of pockets and holders to your harness or belt with ease, safe in the knowledge that you will not lose them. The harness system can be adapted individually and flexibly to the task at hand so that you'll always have the equipment you need within reach.

#### ALL POCKETS AND HOLDERS FOR THE ADVANCE X-FLEX MODULAR HARNESS SYSTEM

CAN BE FOUND ON **PAGE 468**



# BATTERY POWER



**APIII**  
SYSTEM

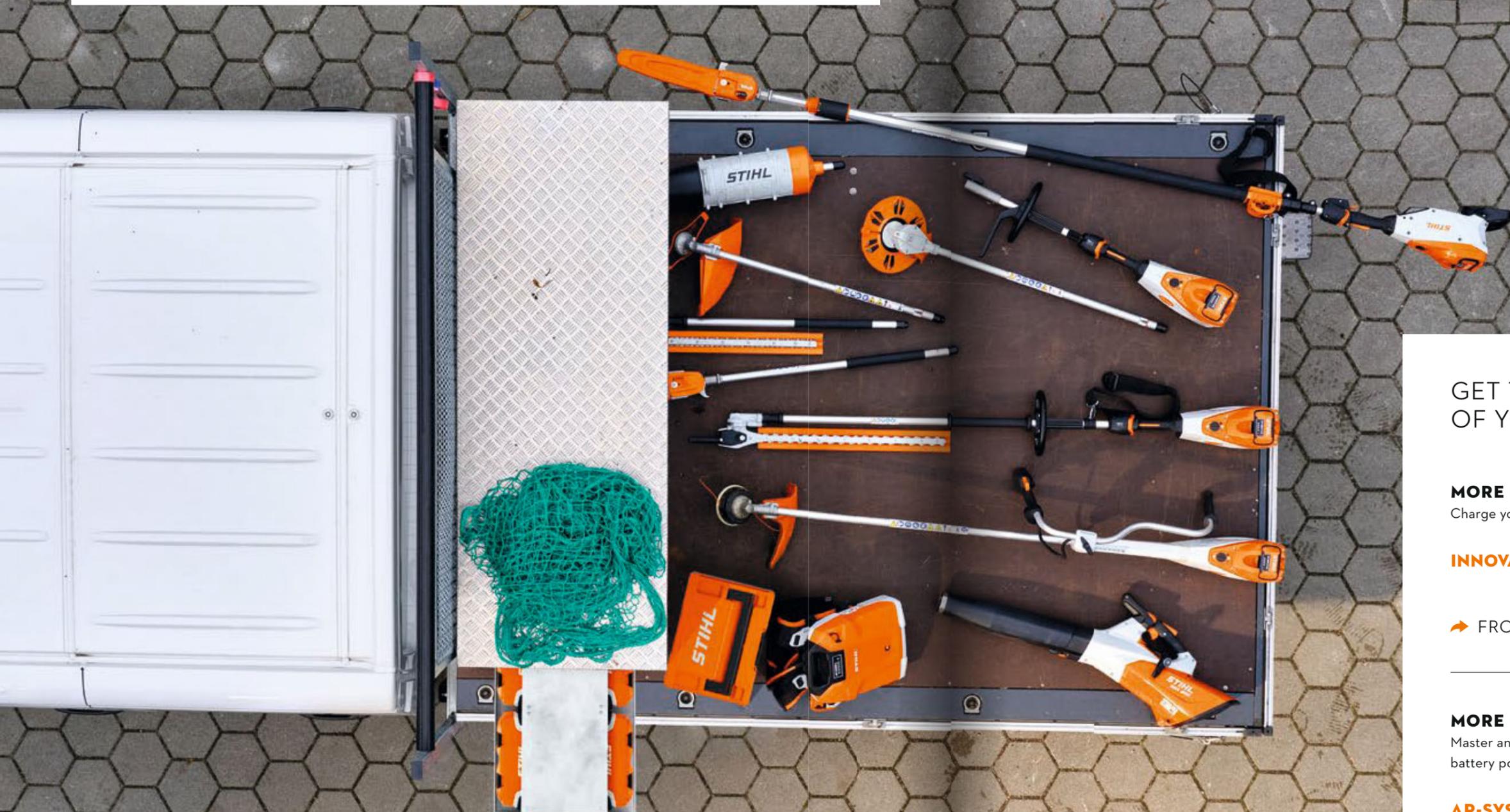
**AKIII**  
SYSTEM

**ASIII**  
SYSTEM

**AI III**

## REAL PRO POWER. WITH A BATTERY. FOR ANYONE WHO ALWAYS GIVES THEIR ALL.

AS A PROFESSIONAL, EVERY DAY IS PACKED WITH  
CHALLENGES - WE HAVE THE SOLUTIONS YOU NEED!



GET THE MOST OUT  
OF YOUR WORK.

### **MORE FLEXIBILITY**

Charge your batteries any time, anywhere.

### **INNOVATIVE CHARGING SOLUTIONS**

➔ FROM PAGE **16**

### **MORE POWER**

Master any application with our most powerful  
battery power tools.

**AP-SYSTEM** 

➔ FROM PAGE **20**

# INNOVATIVE FIXED-LOCATION CHARGING SOLUTIONS

FULL CHARGING ON THE SPOT



## AL 301-4

With the multiple battery charger, you can sequentially charge up to 4 STIHL AP batteries.

- ✔ Can be secured to the wall of your workshop or permanently integrated into your work vehicle
- ✔ Displays the individual charging status at the touch of a button
- ✔ With AP adapter and connecting cable - can also be used for backpack AR batteries
- ✔ Can be stacked or mounted side-by-side
- ✔ Also suitable for in-vehicle use

Order number **EA04 430 5500**

➔ You can find further information about the AL 301-4 multi-charger on **page 39**.



PRIORITISE THREE CHARGERS



## NEW CM 12

Charge management for overnight charging of up to 12 chargers on one socket thanks to intelligent switching on ff.

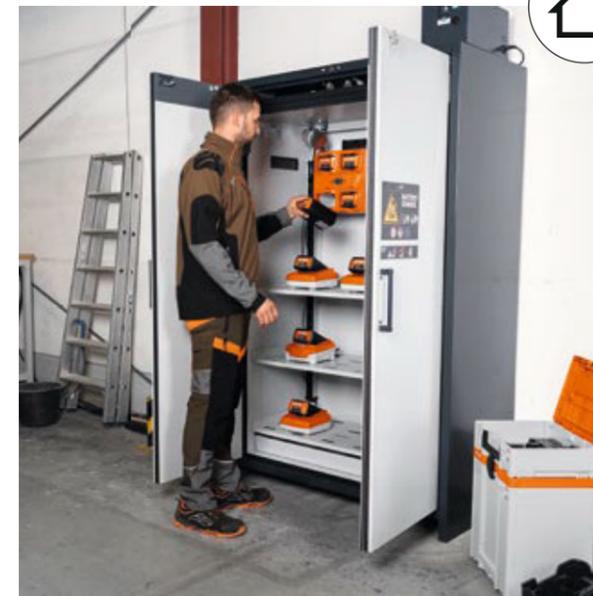
- ✔ Intelligent charge management through optimal use of the power available
- ✔ Better management prevents unintentional tripping of the fuse through overload
- ✔ Prioritise three chargers
- ✔ Reliable, full charging of at least 12 batteries overnight
- ✔ Flexible mounting options, e.g. in cabinets or charging cabinets or on shelves

Order number **EA08 430 7900**

**"THE BATTERY CHARGING CABINET IS HELPFUL BECAUSE IT GIVES US A CENTRALISED LOCATION WHERE ALL EMPLOYEES CAN CHARGE THEIR BATTERIES IN THE EVENING. IT IS CENTRALLY ORGANISED, WHICH MEANS NOTHING GETS FORGOTTEN!"**



Janes Vitus Farwick,  
Authorised representative and  
site manager, Hamburg



## NEW BATTERY CHARGING CABINET (ASECOS)

All-round protection 90-minute fire protection from outside to inside and over 90 minutes of fire resistance from inside to outside.

### Size: M

- ✔ Full charging of up to 16 AR batteries in 12 hours
- ✔ Integrated warning system including smoke detector and acoustic alarm.

Order number  
**EA08 018 0400**

### Size: L

- ✔ Full charging of up to 32 AR batteries in 12 hours
- ✔ Integrated 3-level warning and fire suppression system including smoke detector and temperature sensor

Order number  
**EA08 018 0401**



## BATTERY CHARGING CABINET (KESSEBÖHMER)

The battery charging cabinet autonomously charges your AP and AR L batteries overnight so that you're immediately ready for action in the morning.

- ✔ Full charging of up to 20 AP batteries or 4 backpack AR batteries in 12 hours
- ✔ Easy commissioning - no electrical installation required
- ✔ Automatic monitoring and management of the charging process

# INNOVATIVE MOBILE CHARGING SOLUTIONS

FULL CHARGING - EVEN ON THE GO

**"FOR ME, THE BENEFIT OF THE BOTTAINER IS THAT I CAN STOW MY BATTERIES SAFELY AND CLEANLY. IT SAVES ME AN UNBELIEVABLE AMOUNT OF TIME: ALL I NEED TO DO IN THE MORNING IS UNPLUG IT. I KNOW MY BATTERIES ARE CHARGED AND I CAN GO STRAIGHT TO THE CONSTRUCTION SITE!"**



Hauke Harland,  
Landscape gardener, Hamburg

## bott POWERED BY STIHL

Together with our partner bott, we have developed two all-in-one solutions for mobile charging and transportation of your STIHL AP-System batteries. With the bottTainer for flatbed trucks and the bott vario3 for vans, you can always be ready for action in moments. What's more, your batteries remain protected against the elements and from theft in your vehicle and can be reliably charged overnight via an external power supply.



### bottTainer

- ✔ Charging system inside a flatbed box on a flatbed truck
- ✔ Charge and transport up to 28 AP batteries or 4 AR L batteries and 12 AP batteries
- ✔ Smart thermal management allows for charging at low and high external temperatures
- ✔ Certified transport safety
- ✔ Convenient removal of batteries using heavy-duty pull-out system
- ✔ Available in several variants



### bott vario3

- ✔ Charging system for integration into a van
- ✔ Charge and transport up to 56 AP batteries or up to 7 AR batteries and 21 AP batteries
- ✔ Can be combined with the bott vario3 standard shelving system for in-vehicle installation
- ✔ Various equipment options based on individual planning



## NEW PS 3000

You can use STIHL's portable power supply to operate even high-performance wired power tools as well as to charge your STIHL batteries off the power grid.



- ✔ Power supply everywhere and at all times
- ✔ Zero-emissions alternative to a petrol generator
- ✔ No compromises on output in any situation
- ✔ Compact design
- ✔ Silent
- ✔ Dustproof and splashproof in accordance with IP54
- ✔ Emissions-free

Order number	Continuous output (kW)	Peak output (kW)	Capacity (KWh)	Charging time (min)	Weight (kg)
<b>PS 3000</b>	3.7	18	2.0	180 (100%) / 144 (80%)	20

## ENERGY MANAGEMENT AREAS OF APPLICATION

STIHL offers energy management solutions for various applications. There are two basic issues that are considered here: How does charging take place, and where? STIHL recommends various product solutions based on the answers to these questions.

	OUTDOORS	INSIDE THE COMPANY PREMISES	INSIDE THE VEHICLE
<b>DURING THE DAY</b>	Rapid Fixed location ↓ <b>PS 3000</b>	Rapid Fixed location ↓ <b>AL 301 AL 500 BATTERY CHARGING CABINET</b>	Rapid Mobile ↓ <b>AL 301-4 bottTainer bott vario3</b>
<b>DURING THE NIGHT</b>	Gentle Fixed location ↓ <b>AL 101 AL 301-4 BATTERY CHARGING CABINET</b>	Gentle Mobile ↓ <b>AL 301-4 bottTainer bott vario3</b>	



# AP-SYSTEM

REAL PRO POWER THAT IMPRESSES DAY AFTER DAY.

The STIHL AP-System impresses with great power, long battery life, quiet operation and powerful lithium-ion batteries which you can use with flexibility. In short, the AP-System offers everything you need to perform your landscaping, gardening and tree maintenance tasks effectively and with zero emissions. That includes the usual STIHL quality, an extensive range of accessories and smart energy and charge management.



AP 300 S

**NEW**  
**MSA 160 C-B**

36 V • 1.5 kW<sup>ⓐ</sup> • 3.1<sup>ⓑ</sup> / 3.5 kg<sup>ⓐ</sup>



Sturdy battery chainsaw suitable for a range of timber work in low-noise areas. Easy and comfortable to use. 1/4"-PM3 saw chain for excellent cutting performance and precise cutting, ergonomic control handle with potentiometer function for infinitely variable speed control, STIHL Quick Chain Tensioning, transparent oil tank with tool-free cap. For more information on features and technical details, see page 114.

MSA 160 C-B excluding battery and charger<sup>ⓐ</sup>

Bar length **30 cm**  
Order number **MA03 200 0004**



AP 300 S

**NEW**  
**MSA 200 C-B**

36 V • 1.8 kW<sup>ⓐ</sup> • 3.1<sup>ⓑ</sup> / 3.5 kg<sup>ⓐ</sup>



Powerful battery chainsaw with 20% more cutting performance compared with the MSA 160 C-B. Ideal for a range of timber work in low-noise areas. 1/4"-PM3 saw chain for rapid progress as you work and clean cutting, ergonomic control lever with potentiometer function for infinitely variable speed control, STIHL Quick Chain Tensioning and transparent oil tank with tool-free cap. Sturdy metal bumper spikes for precise guidance of the chainsaw on the wood. For more information on features and technical details, see page 114.

MSA 200 C-B excluding battery and charger<sup>ⓐ</sup>

Bar length **35 cm**  
Order number **MA03 200 0010**



AP 300 S

**NEW**  
**MSA 220 C-B**

36 V • 2.1 kW<sup>ⓐ</sup> • 3.1<sup>ⓑ</sup> / 3.6 kg<sup>ⓐ</sup>



Robust, powerful battery chainsaw for versatile applications such as felling, pruning, cutting to length, building with wood and maintaining young tree stocks. With the STIHL 3/8"-PS3 Pro saw chain for optimised energy efficiency and up to 20% more cutting performance than the STIHL 3/8"-PS saw chain. Easy, convenient operation, ergonomic control lever with potentiometer function for infinitely variable speed control, STIHL Quick Chain Tensioning and transparent oil tank with tool-free cap. Sturdy metal bumper spikes for reliable and precise guidance of the chainsaw on wood. For more information on features and technical details, see page 116.

MSA 220 C-B excluding battery and charger<sup>ⓐ</sup>

Bar length **40 cm**  
Order number **MA03 200 0021**



AP 500 S

**MSA 300 C-O**

36 V • 3.0 kW<sup>ⓐ</sup> • 4.5<sup>ⓑ</sup> / 5.4 kg<sup>ⓐ</sup>



The first STIHL battery chainsaw for professional applications. High performance capacity with three selectable operating modes for outstanding work in a range of applications. With STIHL .325"-RS Pro saw chain and Light O4 guide bar for very strong cutting performance. Easy, convenient handling thanks to intuitive operation and notification cockpit with LED display and control handle with potentiometer function for infinitely variable speed control. STIHL anti-vibration system, integrated cooling air filter and standard oil sensor with LED display to show that the oil is running low. For more information on features and technical details, see page 129.

MSA 300 C-O excluding battery and charger<sup>ⓐ</sup>

Bar length **35 cm**  
Order number **MA02 200 0021**

Bar length **40 cm**  
Order number **MA02 200 0024**

**Additional versions:**  
MSA 300 excluding battery and charger<sup>ⓐ</sup> 35 cm **MA02 200 0001**  
40 cm **MA02 200 0004**

**Note:** Only when teamed with the STIHL AP 500 S battery can the MSA 300 be operated to the full extent of its functionality. If other STIHL batteries are used, we can neither guarantee that all functions will be available nor that the maximum possible sawing performance will be achieved.

B = STIHL Quick Chain Tensioning  
C = Comfort version  
O = Oil sensor

ⓐ For further comparison values for petrol-driven chainsaws see from page 118  
ⓑ Weight excluding battery, guide bar and saw chain

ⓐ Weight excluding battery, including guide bar and saw chain  
ⓑ With guide bar and saw chain  
ⓐ For explanation of symbols, see page 482



AP 200

**MSA 161 T**  
36 V • 1.25 kW<sup>Ⓞ</sup> • 2.1<sup>Ⓞ</sup> / 2.5 kg<sup>Ⓞ</sup>



Lightweight, professional battery arborist saws<sup>Ⓞ</sup> for use in noise-sensitive areas. With 1/4"-PM3 saw chain for a precise cut and high cutting performance, captive nut on the sprocket cover. For more information on features and technical details, see page 118.

**MSA 161 T** excluding battery and charger<sup>Ⓞ</sup>  
Bar length 25 cm  
Order number **1252 200 0043**

Bar length **30 cm**  
Order number **1252 200 0044**



AP 300 S

**MSA 220 TC-O**  
36 V • 2.1 kW<sup>Ⓞ</sup> • 2.7<sup>Ⓞ</sup> / 3.3 kg<sup>Ⓞ</sup>



Powerful professional battery arborist saw<sup>Ⓞ</sup> for debarking pieces of trunk, crown correction and removing dead wood. With the STIHL 3/8"-PS3 Pro saw chain for optimised energy efficiency and up to 20% more cutting performance than the STIHL 3/8"-PS saw chain. Electronic operating system with an unlock button for simple saw activation makes for particularly easy operation. Operator cockpit with 180° LED display for information on the operating status of the chainsaw as well as the engaged chain brake. Fitted as standard with an oil sensor and LED display for active notification when the oil level is low. Easy-clean air filter for long service life and optimum engine cooling, side-mounted chain tensioning, tool-free oil tank cap, and captive nut on the sprocket cover. For more information on features and technical details, see page 118.

**MSA 220 TC-O** excluding battery and charger<sup>Ⓞ</sup>  
Bar length 30 cm<sup>Ⓞ</sup>  
Order number **MA01 200 0046**

Bar length **35 cm<sup>Ⓞ</sup>**  
Order number **MA01 200 0047**

**Additional versions:**  
**MSA 220 T** excluding battery and charger<sup>Ⓞ</sup> 30 cm<sup>Ⓞ</sup> MA01 200 0044  
35 cm<sup>Ⓞ</sup> MA01 200 0045

**PAGE 410**  
**BIOPLUS CHAIN OIL**  
Particularly environmentally friendly plant-based oil for optimal lubrication and a longer service life for your saw chain and guide bar.



BATTERY POWER <sup>Ⓞ</sup>		AP 100	AP 200	AP 300 S	AP 500 S
			187 Wh	281 Wh	337 Wh
BATTERY RANGE <sup>Ⓞ</sup> (EXAMPLE USE) AND WORKING TIME PER BATTERY CHARGE <sup>Ⓞ</sup> (up to...)					
<b>MSA 160 C-B</b>	-	-	42 min 210 cuts	62 min 310 cuts	74 min 370 cuts
<b>MSA 161 T</b>	-	-	42 min 200 cuts	62 min 300 cuts	74 min 360 cuts
<b>MSA 200 C-B</b>	When sawing square timber (10 x 10 cm) up to...	-	42 min 160 cuts	50 min 270 cuts	60 min 320 cuts
<b>MSA 220 C-B</b>		-	32 min 150 cuts	37 min 300 cuts	44 min 350 cuts
<b>MSA 220 T / MSA 220 TC-O</b>	-	-	16 min 150 cuts	29 min 290 cuts	34 min 340 cuts
<b>MSA 300 / MSA 300 C-O</b>	-	-	-	-	20 - 44 min <sup>Ⓞ</sup> 320 cuts

C = Comfort version  
O = Oil sensor  
T = Top handle

Ⓞ For further comparison values for petrol-driven chainsaws see from page 118  
Ⓞ Weight excluding battery, guide bar and saw chain  
Ⓞ Weight excluding battery, including guide bar and saw chain  
Ⓞ With guide bar and saw chain  
Ⓞ Specially designed for working among tree branches; only for use by trained arborists

Ⓞ With lightweight guide bar  
Ⓞ Further comparison values for petrol-driven pole pruners are available on page 120  
Ⓞ Weight excluding battery, guide bar and saw chain, including protective foot

**HTA 66**  
36 V • 1.1 kW<sup>Ⓞ</sup> • 3.3 kg<sup>Ⓞ</sup>



AP 200

Very lightweight and quiet yet powerful battery pole pruner for grounds, garden and orchard maintenance. With 1/4"-PM3 saw chain, lightweight drive head with branch hook and rigid shaft. Total length 240 cm. For more information on features and technical details, see page 120.



ACCESSORIES:  
**PROTECTIVE FOOT**



See page 43

**HTA 66** excluding battery and charger<sup>Ⓞ</sup>  
Order number **LA03 200 0004**

**Additional versions:**  
**NEW HTA 66 K** excluding battery and charger **LA03 011 6416**

**HTA 86**  
36 V • 1.1 kW<sup>Ⓞ</sup> • 4.6 kg<sup>Ⓞ</sup>



AP 200

Powerful battery pole pruner for use in tree maintenance and orchards and by local authorities. Quiet and low-vibration. For pruning trees, removing dead wood and breakage from storms, and for cutting back fruit trees. 1/4"-PM3 saw chain, lightweight and compact drive head with sturdy branch hook for easy removal of loose cuttings from the tree. Very stead-guided professional telescopic shaft with rapid adjustment for precise biting characteristics and a precise cut. Total length 270-390 cm. For more information on features and technical details, see page 120.



ACCESSORIES:  
**PROTECTIVE FOOT**



See page 43

**HTA 86** excluding battery and charger<sup>Ⓞ</sup>  
Order number **LA03 200 0002**

**HTA 135**  
36 V • 1.5 kW<sup>Ⓞ</sup> • 6.8 kg<sup>Ⓞ</sup>



AP 300 S

Powerful STIHL battery pole pruner. Quiet and low-vibration. For professional use in tree maintenance, orchards and local authorities. For pruning trees, removing dead wood and breakage from storms, and for cutting back fruit trees. 1/4"-PM3 saw chain, lightweight magnesium transmission with cast-on, sturdy branch hook for easy removal of loose cuttings from the tree. Very stead-guided professional telescopic shaft with rapid adjustment for precise biting characteristics and a precise cut. Total length 285-405 cm. For more information on features and technical details, see page 120.



**INCLUDING PROTECTIVE FOOT**

**HTA 135** excluding battery and charger<sup>Ⓞ</sup>  
Order number **LA01 200 0002**

Ⓞ Including guide bar, saw chain and protective foot  
Ⓞ Power capacity according to the specifications of the cell manufacturer. The actual power capacity available during operation is lower, to increase service life  
Ⓞ The values provided are estimates and may vary depending on the actual cutting work done  
Ⓞ The battery working times and area specifications for each battery charge are estimates and may vary depending on how the tool is used and what is being cut

Ⓞ The working time per battery charge varies depending on the operating mode selected  
Ⓞ For explanation of symbols, see page 482  
Ⓞ For explanation of quality marks, see page 491



**NEW**

**HTA 150**

36 V • 1.8 kW<sup>①</sup> • 4.7<sup>②</sup>



**FOR PROFESSIONAL TREE STOCK MAINTENANCE IN FORESTRY AND LOCAL AUTHORITIES**

Extremely powerful STIHL battery pole pruner for professional maintenance work and especially as a forestry maintenance saw for young stand maintenance in forests. Quiet and low-vibration. 3/8"-PM3 saw chain, short rigid shaft for a precise cut, ergonomic control handle with LED display and lightweight, sturdy magnesium transmission. Loop handle and Flexband HT. Option of a STIHL ADVANCE X-TREEm HT forestry harness for highly ergonomic and efficient work on young tree stocks. Total length 196 cm. For more information on features and technical details, see page 120.



**INCLUDING PROTECTIVE FOOT**

**HTA 150 forestry variant** excluding battery and charger<sup>①</sup>  
Order number **LA01 200 0020**

**NEW set** ADVANCE X-TREEm HT with ADVANCE X-Flex hip belt + ADVANCE X-TREEm HT forestry harness + Flexband HT

Size S	Size M	Size L
Order number <b>0000 200 0006</b>	Order number <b>0000 200 0007</b>	Order number <b>0000 200 0008</b>

**FOR PROFESSIONAL TREE MAINTENANCE IN AGRICULTURE AND ORCHARDS**

Very powerful STIHL battery pole pruner for professional use when pruning fruit crops and cultivated plants as well as orchards. Quiet and low-vibration. 1/4"-PM3 saw chain, short rigid shaft for a precise cut, ergonomic control handle with LED display and lightweight, sturdy magnesium gearbox. Total length 196 cm. For more information on features and technical details, see page 120.



**INCLUDING PROTECTIVE FOOT**

**HTA 150 maintenance variant** excluding battery and charger<sup>①</sup>  
Order number **LA01 200 0021**

**i**

All battery power tools from the STIHL AP-System have been designed for professional users and daily use, including in adverse weather. All products bearing this symbol can therefore also be used in rain. Splashproof qualities are verified in complex and demanding internal testing.

STIHL battery power tools with this symbol are also additionally certified in accordance with the IPX4 protection class. The standard confirms that the products are resistant to water splashing from any direction, as already certified by internal testing.

① Further comparison values for petrol-driven pole pruners are available on page 120  
② Weight excluding battery, guide bar and saw chain, including protective foot

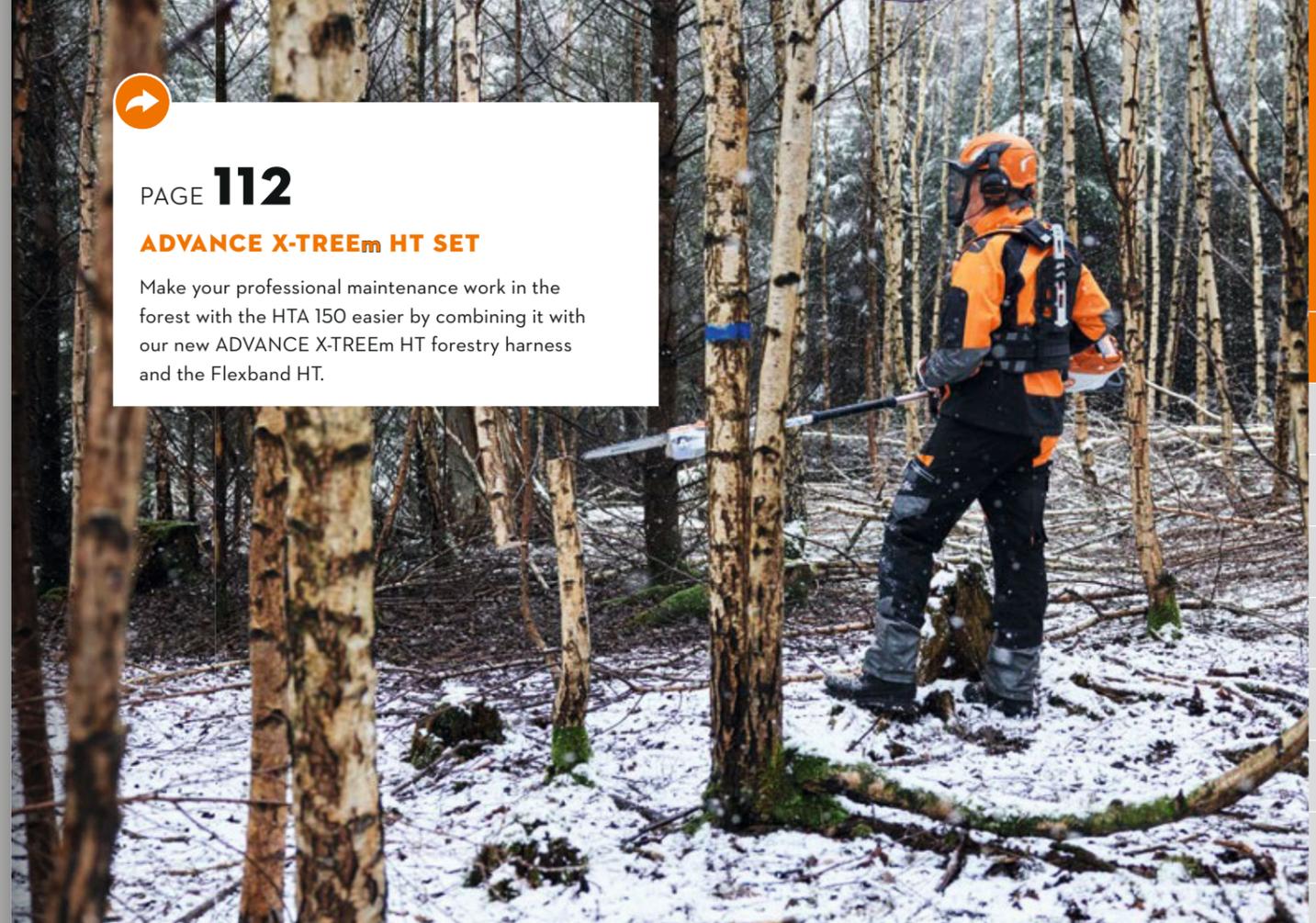
① Including guide bar, saw chain and protective foot  
② For explanation of symbols, see page 482



PAGE **112**

**ADVANCE X-TREEm HT SET**

Make your professional maintenance work in the forest with the HTA 150 easier by combining it with our new ADVANCE X-TREEm HT forestry harness and the Flexband HT.



**NEW**

**HTA 160**

36 V • 1.8 kW<sup>①</sup> • 6.9<sup>②</sup>



AP 300 S

Powerful STIHL battery pole pruner for use in professional tree maintenance in orchards, agriculture and forestry. Quiet and low-vibration. 1/4"-PM3 saw chain, lightweight magnesium transmission with cast-on, sturdy branch hook for easy removal of loose cuttings from the tree. Steady-guided professional telescoping shaft with rapid adjustment for exact positioning and precise cutting, ergonomic control handle with LED display. Total length 285-405 cm. For more information on features and technical details, see page 120.



**INCLUDING PROTECTIVE FOOT**

**HTA 160** excluding battery and charger<sup>①</sup>  
Order number **LA01 200 0015**



**FSA 86 R**

36 V • 0.65 kW<sup>①</sup> •   <sup>②</sup>  
3.2 kg<sup>③</sup>

AP 200

Powerful battery brushcutter in a contemporary design for mowing along the side of obstacles, as well as around trees and bushes. Cutting circle diameter 350 mm. Ergonomic control handle with infinitely variable speed control, loop handle, sturdy aluminium shaft, and spacer bracket. With AutoCut C 6-2 mowing head. Alternatively, the PolyCut 6-2 mowing head with plastic blades is available as an accessory. For more information on features and technical details, see page 278.



ACCESSORIES:  
**HARNES**  
See page 270

FSA 86 R excluding battery and charger  
Order number **FA05 011 5700**

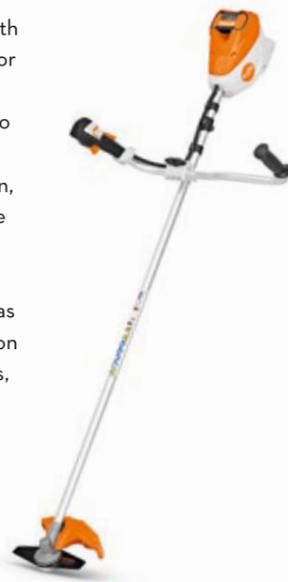
**NEW**

**FSA 120**

36 V • 1.0 kW<sup>①</sup> •   <sup>②</sup>  
5.2 kg<sup>③</sup>

AP 300 S

Powerful battery brushcutter with excellent cutting performance for mowing tough grass. Brushless EC motor, speed control and two power settings (Eco and Max), optimal balance, tool recognition, ergonomic bike handle, tool-free height adjustment. With GSB GrassCut 230-2 blade. Wide range of cutting tools available as accessories. For more information on features and technical details, see page 278.



FSA 120 excluding battery and charger  
Order number **FA08 200 0000**

Additional versions:  
FSA 120 R excluding battery and charger **FA08 200 0005**



**AUTOCUT 27-2 MOWING HEAD AND SPOOL WITH METAL GUARD**

The AutoCut 27-2 is the ideal mowing head for users of battery brushcutters who particularly appreciate low weight and very comfortable work. At 332 g it is very lightweight, and therefore supports good power tool balance as well as comfortable guidance behaviour. In addition, the AutoCut 27-2 offers very easy handling. The mowing head can be very easily opened and the mowing line spool easily removed even if you are wearing gloves.

In the event of frequent work on rough surfaces such as asphalt, we recommend replacing the AutoCut 27-2 standard spool with a significantly more robust spool that has a metal guard. The metal part reduces wear on the spool and in this way significantly increases its service life.

➔ You can find details of the AutoCut 27-2 on page 282.

➔ The retrofittable spool with metal deflector can be found on page 283.

**FSA 135**

36 V • 1.2 kW<sup>①</sup> •   <sup>②</sup>  
4.9 kg<sup>③</sup>

AP 300 S

Robust and powerful battery brushcutter with an AP battery slot in the power tool. For mowing grass and scrub in noise-sensitive environments. Cutting circle diameter 260 mm with grass-cutting blade, max. cutting circle diameter 420 mm with line mowing tool. Single-handed multi-function handle with speed control and LED display, ergonomic bike handle, double shoulder harness, air filter for a long service life. Versatile use due to wide range of STIHL cutting tools. For more information on features and technical details, see page 278.



FSA 135 excluding battery and charger  
Order number **FA01 200 0001**

Additional versions:  
FSA 135 R excluding battery and charger **FA01 200 0003**

**NEW**

**FSA 200**

36 V • 2.0 kW<sup>①</sup> •   <sup>②</sup>  
5.7 kg<sup>③</sup>

AP 500 S

The most powerful battery brushcutter from STIHL for professional applications in noise-sensitive areas. For mowing grass and scrub. Extended mowing diameter up to 450 mm (line mowing tool). Single-handed multi-function handle with speed control, LED display, professional anti-vibration system for low levels of vibration interference, ergonomic bike handle, tool-free adjustment. Double shoulder harness, metal air filter for long service life with AutoCut C 26-2 mowing head. Wide range of cutting tools available as accessories. For more information on features and technical details, see page 278.



FSA 200 excluding battery and charger  
Order number **FA03 200 0000**

Additional versions:  
FSA 200 with BrushCut 250-3 brush knife, excluding battery and charger **FA01 200 0003**

**RGA 140**

36 V • 1.2 kW<sup>①</sup> •   <sup>②</sup>  
6.4 kg<sup>③</sup>

AP 300 S

Powerful battery rotary cutting head for professional mechanical weeding. AP battery slot in the power tool, single-handed multi-function handle with speed control and LED display, ergonomic bike handle, double shoulder harness, air filter for a long service life. The sturdy rotary cutting head allows for effective, low-spin weed and grass removal on various surfaces such as gravel or paving. For more information on features and technical details, see page 278.



RGA 140 excluding battery and charger  
Order number **FA02 011 8800**

R = Loop handle  
① Further comparison values for battery brushcutters are available on page 278  
② Weight excluding battery, including cutting tool and guard

③ Weight excluding battery, cutting tool and guard  
④ Weight excluding battery, including blade and guard

⑤ For explanation of symbols, see page 482  
⑥ For explanation of quality marks, see page 491





AP 200

**NEW**  
**HSA 100**

36 V • 3.7 kg<sup>①</sup>



Powerful universal hedge trimmer for use in noise-sensitive areas. Long-lasting sharpness, double-sided cutting blade with 34 mm tooth spacing for excellent cutting performance and rapid work progress. Ergonomic, effortless working, even over longer periods, thanks to optimal power tool balance, rotatable multi-function handle, loop handle and STIHL anti-vibration system. Anti-block system for easy change of the cutting blades' rotational direction in the event of blockages. EC engine for constant output and long service life. Screw-on cut protection, blade tip protector for low-wear work close to the ground or along walls. For more information on features and technical details, see page 158.

HSA 100 excluding battery and charger  
Bar length **60 cm**  
Order number **HA07 011 3500**



PAGE **413**  
**SUPERCLEAN**

Loosens resin and dirt from hedge trimmer blades and also acts as corrosion protection and lubricant. Available in a 50 ml and 300 ml spray can.



AP 300 S

**HSA 130 R** (previously: HSA 94 R)

36 V • from 4.1 kg<sup>①</sup>



Extremely powerful and sturdy professional battery hedge trimmer with double-sided cutting blades in the pruning version. Low blade speed for powerful cuts. EC engine for constant output and long service life. Turning multi-function handle with three-setting stroke rate, ergonomic-operation loop handle with internal switch, friction-optimised blades and screw-on cut and tip protector. Battery operation with the aid of the AP holster with connecting cable and a carrying system, or an AR backpack battery (see page 45). For more information on features and technical details, see page 158.

HSA 130 R excluding battery and charger  
Bar length **60 cm**  
Order number **4869 011 3560**

Bar length **75 cm**  
Order number **4869 011 3561**



AP 300 S

**HSA 130 T** (previously: HSA 94 T)

36 V • from 3.9 kg<sup>①</sup>



Extremely powerful and sturdy professional battery hedge trimmer with double-sided cutting blades in the trimming version. High blade speed for a particularly precise and clean cutting pattern. EC engine for constant output and long service life. Turning multi-function handle with three-setting stroke rate, ergonomic-operation loop handle with internal switch, friction-optimised blades and screw-on cut and tip protector. Battery operation with the aid of the AP holster with connecting cable and a carrying system, or an AR backpack battery (see page 45). For more information on features and technical details, see page 158.

HSA 130 T excluding battery and charger  
Bar length **60 cm**  
Order number **4869 011 3566**

Bar length **75 cm**  
Order number **4869 011 3567**

**HLA 66**

36 V • 3.8 kg<sup>①</sup>



AP 200

Lightweight battery long-reach hedge trimmer for pruning hedges and shrubs as well as plants close to the ground. The cutter bar can be adjusted through 115° without the use of tools, for head-height, side, and ground-level cutting. Double-sided cutting blade for a clean cutting pattern. Constant blade stroke and work progress under load. Loop handle, infinitely variable speed control, and intuitive control handle. Transport length with cutter bar folded up 125 cm; total length 205 cm. For more information on features and technical details, see page 164.



ACCESSORIES:  
**PROTECTIVE FOOT**



See page 43

HLA 66 excluding battery and charger  
Bar length **50 cm**  
Order number **4859 011 2910**

**HLA 86**

36 V • 4.8 kg<sup>①</sup>



AP 200

Battery long-reach hedge trimmer with significant range for professional use. Particularly well-suited for pruning tall hedges and shrubs as well as cutting back plants close to the ground. Ergonomic work due to a stable square-cut telescopic shaft. Both the shaft length and cutter bar can be adjusted tool-free. The cutter bar can be pivoted through 115° for head-height, side, and ground-level cutting. Double-sided cutting plate for a clean cutting pattern, infinitely variable speed control, and intuitive control handle. Transport length with cutter bar folded up 180 cm; total length 260–330 cm. For more information on features and technical details, see page 164.



ACCESSORIES:  
**PROTECTIVE FOOT**



See page 43

HLA 86 excluding battery and charger  
Bar length **50 cm**  
Order number **4859 011 2930**

**HLA 135**

36 V • 5.4 kg<sup>①</sup>



AP 200

The most powerful battery long-reach hedge trimmer in the STIHL range, for professional use in noise-sensitive areas. For cutting shrubs and bushes as well as plants near the ground, and the whole spectrum from trimming to pruning. The cutter bar can be adjusted through 145° without the use of tools, for head-height, side, and ground-level cutting. Double-sided cutting blade for a clean cutting pattern. Intuitive control handle with an LED display. Total length 249 cm. For more information on features and technical details, see page 164.



ACCESSORIES:  
**PROTECTIVE FOOT**



See page 43

HLA 135 excluding battery and charger  
Bar length **60 cm**  
Order number **HA04 200 0001**

**Additional versions:**  
HLA 135 K (without loop handle), excluding battery and charger  
60 cm **HA04 200 0006**

R = Pruning  
T = Trimming  
① Weight excluding battery  
② For explanation of symbols, see page 482



ACCESSORIES:  
**NEW**  
PROTECTIVE  
FOOT

See page 43



**NEW**  
**KMA 120 R**  
36 V • 1.0 kW<sup>①</sup> • 3.5 kg<sup>②</sup>

Powerful, lightweight battery KombiEngine with high torque for energy-efficient, low-noise working. Versatile use due to wide range of STIHL KombiTools. AP battery slot in the power tool, brushless EC motor, speed control and two power settings (Eco and Max), loop handle with tool-free handle adjustment. Barrier bar can be easily mounted or detached. Side gearshift lock, rotating suspension eyelet The KMA 120 R cannot be used with the FSB-KM brushcutter. For more information on features and technical details, see page 172.

**KMA 120 R** excluding battery and charger  
Order number **FA08 011 6820**

AP 300 S

ACCESSORIES:  
PROTECTIVE  
FOOT

See page 43



**KMA 135 R**  
36 V • 1.2 kW<sup>①</sup> • 3.4 kg<sup>②</sup>

Robust and powerful battery KombiEngine with an AP battery slot in the power tool. For working in noise-sensitive environments. Versatile thanks to the wide range of STIHL KombiTools available. Single-handed multi-function handle with speed control and LED display, loop handle with barrier bar, air filter for a long service life. The KMA 135 R cannot be used with the FSB-KM brushcutter. For more information on features and technical details, see page 172.

**KMA 135 R** excluding battery and charger  
Order number **FA02 011 6800**

AP 300 S

**RELATED KOMBITOOLS:**



**FS-KM**  
LINE MOWING HEAD



**BF-KM**  
PICK TINE



**KW-KM**  
POWER SWEEPER



**HL-KM 145°**  
LONG-REACH  
HEDGE TRIMMER



**FS-KM**  
GRASS-CUTTING BLADE



**HT-KM**  
POLE PRUNER



**KB-KM 145°**  
BRISTLE BRUSH



**FH-KM**  
SCRUB CUTTER



**FCB-KM**  
EDGE TRIMMER



**BG-KM**  
BLOWER



**HL-KM 0°**  
LONG-REACH HEDGE  
TRIMMER



**RG-KM**  
ROTARY CUTTING HEAD

**ADDITIONAL INFORMATION ON KOMBITOOLS**

SEE FROM PAGE 173

R = Loop handle  
① Further comparison values for petrol-driven KombiEngines are available on page 172  
② Weight excluding battery and KombiTool  
③ Delivery includes composite resin cutting wheel for structural steel and stainless steel

④ Weight excluding battery and cutting wheel  
⑤ Weight excluding battery



**TSA 230**<sup>③</sup>  
36 V • 3.9 kg<sup>②</sup>

Easy-to-manoeuvre battery cut-off machine for 230 mm cutting wheels. Suitable for indoor and outdoor use, up to 70 mm cutting depth, water connection with ball valve and hose coupling for wet cutting, spindle lock, maintenance-free belt drive. For more information on features and technical details, see page 192.

**TSA 230** excluding battery and charger  
Order number **4864 011 6600**

The overview of battery charging times, working time per charge and battery life is available on **pages 46 and 47** as well as at **stihl.com** under STIHL battery technology - battery life and charging times.

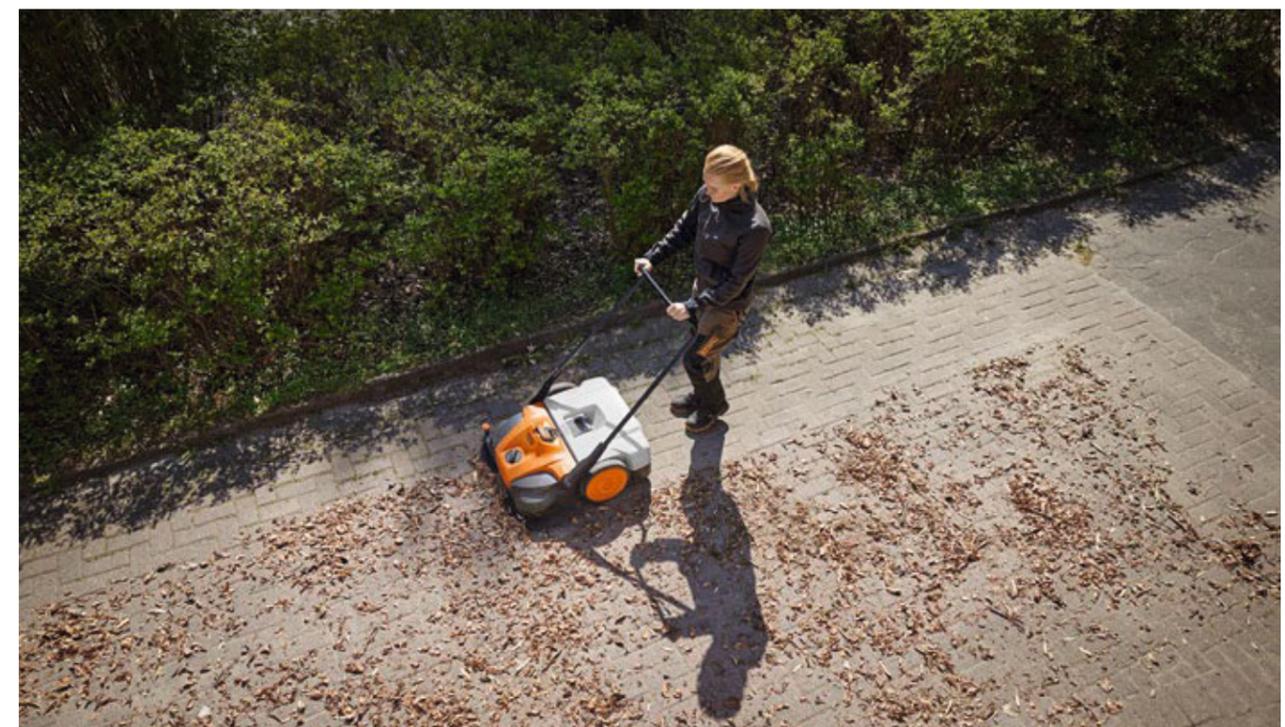
AP 300 S



**KGA 770**  
36 V • Container capacity 40 l • Sweep width 77 cm • 17.0 kg<sup>③</sup>

Battery sweeping machine for large areas both indoors and outdoors. STIHL MultiClean PLUS sweeping system, 7-setting central height adjustment, lateral guide roller, transport handle, stores upright to save space, ergonomically shaped 2-setting height-adjustable push bar. Easy and effortless to push due to the battery operation of the circular brushes and power sweep. This enables thorough cleaning of edges and corners, even when the machine is stationary. The low-wear nylon bristles come with a four-year durability warranty. For more information on features and technical details, see page 354.

**KGA 770** excluding battery and charger  
Order number **4860 011 4704**



⑥ Ear protection must be worn when using the BG-KM blower  
⑦ For explanation of symbols, see page 482





**NEW** - AVAILABLE FROM SPRING 2024  
**RMA 443 PV**  
 36 V • 27.0 kg<sup>①</sup>

Compact battery lawn mower with a 41 cm cutting width, 4-in-1 function, side discharge, as well as mulcher and multi-blade for medium-sized lawns. Plastic housing with plastic abrasion strips, central cut-height adjustment, as well as folding 2-setting height-adjustable comfort handlebar. With flow-optimised blade and automatic speed control for longer battery life. Electric Vario wheel drive as well as digital HMI control function for comfortable work. Two active battery slots to enable two batteries to be used sequentially. Including folding 52-litre grass catcher box with fill-level indicator. For more information on features and technical details, see page 238.

**RMA 443 PV** excluding battery and charger  
 Order number **WA40 011 1410**

**RMA 443 PV set** with AP 300 S and AL 301  
 Order number **WA40 200 0002**



**NEW** - AVAILABLE FROM SPRING 2024  
**RMA 448 PV**  
 36 V • 27.0 kg<sup>①</sup>

Powerful battery lawn mower with 46 cm cutting width, 4-in-1 function, side discharge, as well as mulcher and multi-blade for medium-sized lawns. Plastic housing with plastic abrasion strips, central cut-height adjustment, as well as folding 2-setting height-adjustable comfort handlebar. With flow-optimised blade and automatic speed control for longer battery life. Electric Vario wheel drive as well as digital HMI control function for comfortable work. Two active battery slots to enable two batteries to be used sequentially. Including folding 52-litre grass catcher box with fill-level indicator. For more information on features and technical details, see page 238.

**RMA 448 PV** excluding battery and charger  
 Order number **WA41 011 1420**



**NEW** - AVAILABLE FROM SPRING 2024  
**RMA 453 PV**  
 36 V • 29.0 kg<sup>①</sup>

Large, powerful battery lawn mower with 51 cm cutting width, 4-in-1 function, side discharge, as well as mulcher and multi-blade for medium-sized lawns. Plastic housing with plastic abrasion strips, central cut-height adjustment, as well as folding 2-setting height-adjustable comfort handlebar. With flow-optimised blade and automatic speed control for longer battery life. Electric Vario wheel drive and digital HMI control function for comfortable work. Two active battery slots to enable two batteries to be used sequentially. Including folding 55-litre grass catcher box with fill-level indicator. For more information on features and technical details, see page 238.

**RMA 453 PV** excluding battery and charger  
 Order number **WA42 011 1400**

ACCESSORIES:  
**NEW**  
**ADA 1000**  
**DOUBLE**  
**BATTERY SLOT**  
**ADAPTER**

See page 42



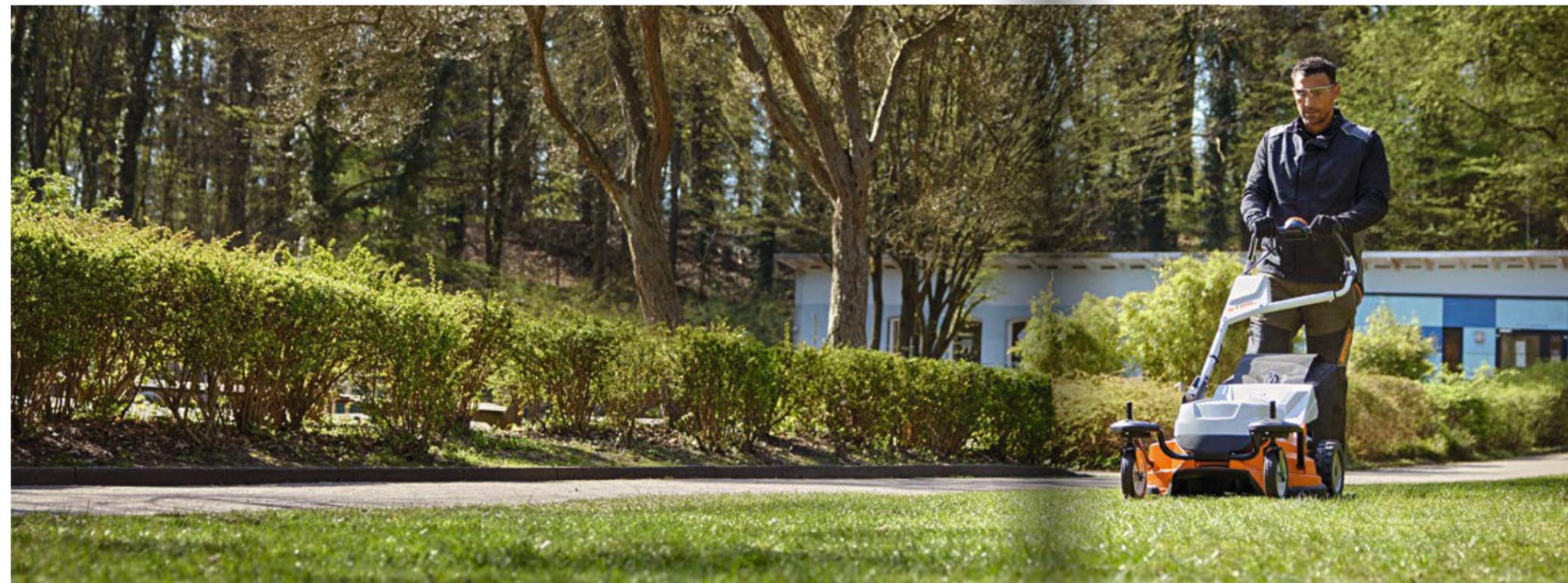
**RMA 765 V**  
 36 V • 44.0 kg<sup>①</sup>

Robust professional battery lawn mower for regular care of lawns in particularly noise-sensitive areas such as residential locations, schools, and hospital gardens. 63 cm cutting width, 2-blade flow-optimised mowing unit, cut-height adjustment by wheel, electric Vario wheel drive and height-adjustable folding comfort handlebar. 80-litre grass catcher box with fill-level indicator. For more information on features and technical details, see page 238.

**RMA 765 V** excluding battery and charger  
 Order number **6392 011 1400**

**NEW RMA 765 V set** with AR 3000 L + AL 501  
 Order number **6392 200 0008**

**NEW RMA 765 V set** with 2 × AP 500 S + AL 501 + ADA 1000  
 Order number **6392 200 0012**



**RMA 2 RPV**  
 36 V • 23.0 kg<sup>①</sup>

Lightweight and easy-to-manoeuvre mulch mower with a 46 cm cutting width for medium-sized areas of lawn. Cut-height adjustment by axle, quick-fix quick-release tensioner and folding handlebar. Electric Vario wheel drive for comfortable work. The maximum working speed can be adjusted using a lever on the handlebar, with six levels available. With two active battery slots for serial discharge. For more information on features and technical details, see page 238.

**RMA 2 RPV** excluding battery and charger  
 Order number **6357 011 1415**

P = Performance  
 R = Mulch mower  
 V = Vario wheel drive  
 ① Weight excluding battery  
 ② For explanation of symbols, see page 482



ACCESSORIES:  
HIP BELT WITH  
HOLSTER



See page 43



AP 200

**SGA 85**

36 V • 17.0 l • 6.2 kg<sup>①</sup>

Easy-to-use battery sprayer for application of liquid pesticides and fertiliser in horticulture and landscaping, as well as in orchards and vegetable cultivation. Particularly effective thanks to a powerful membrane pump with 6 bar of operating pressure. Adjustable nozzle from hollow-cone to full jet, control knob facilitates infinitely variable pressure adjustment during work, wide filler opening for easy tank filling, secure clip to hold the lance during breaks. Ergonomic carrying system with adjustable chest strap for very comfortable work. Additional hip belt as well as various nozzles are available as accessories for a range of uses and applications. For more information on features and technical details, see page 328.

SGA 85 excluding battery and charger  
Order number **4854 011 7000**



**BGA 100**

36 V • 17 N<sup>②</sup> • 2.5 kg<sup>③</sup>

Pleasantly quiet, lightweight and very powerful battery blower for professional use, especially in urban, noise-sensitive areas. Round nozzle, softgrip handle, four power levels including boost function, three-setting length-adjustable blower tube, lifting eyelet for support cushion (accessories). Flat nozzle for increased air speed available as an accessory. Battery operation via a connecting cable and battery belt, AP carrying system, or AR backpack battery (see page 45). For more information on features and technical details, see page 346.

BGA 100 excluding battery and charger  
Order number **4866 011 5900**

INCLUDES COMFORT  
CARRYING SYSTEM



AR 3000 L

**BGA 200**

36 V • 21 N<sup>②</sup> • 3.2 kg<sup>③</sup>

Very powerful battery blower for professional use in urban and noise-sensitive areas. Flexible 2-in-1 power tool can be used both in hand-held mode for narrow and tight spaces and in mounted mode with the specially developed comfort carrying system for large areas or longer periods of use. It is possible to switch between the two modes at any time, quickly and easily. The curved shape of the BGA 200 ensures that, in spite of the powerful airflow, there is no tipping or turning effect on the blower - reducing the strain on your wrist. The second handle and locking throttle make it even more comfortable to work with. At the press of a button, the blower tube length can easily be adapted for different cleaning situations such as cleaning in corners. The standard comfort carrying system is attached to the hip belt of the carrying system for AR backpack batteries. For more information on features and technical details, see page 346.

BGA 200 excluding battery and charger, including comfort carrying system  
Order number **BA01 200 0000**



AP 300 S

**BGA 86**

36 V • 15 N<sup>②</sup> • 2.8 kg<sup>③</sup>

Comfortable-to-operate, powerful battery blower for professional use, particularly in urban areas such as playgrounds and car parks. For removing leaves, plant waste, and dirt. Round nozzle, soft handle, three-setting length-adjustable blower tube, adjustable blowing force. Flat nozzle for increased air speed available as an accessory. For more information on features and technical details, see page 346.

BGA 86 excluding battery and charger  
Order number **BA02 011 5900**



① Weight excluding battery and contents  
② Power given in Newton (N) for comparison of blower outputs  
③ K-factor in accordance with Directive 2006/42/EC = 2.0 dB(A)  
④ For explanation of symbols, see page 482

① Weight excluding battery  
② K-factor in accordance with Directive 2006/42/EC = 2.0 dB(A)  
③ For explanation of symbols, see page 482



**STIHL NOISE  
REDUCTION  
SYSTEM**

This reduces disruptive frequencies and noise peaks at the turbine input to such an extent that uniformly low noise emissions are achieved all around the power tool - i.e. with a 360° radius - and a comfortable sound level is achieved for people in the vicinity.



**BGA 300**

POWER UP. SOUND DOWN.

The most powerful battery blower from STIHL for professional applications in noise-sensitive areas. High air speed for quickly removing wet, heavy leaves. The unique STIHL Noise Reduction System makes this a very quiet tool. Variable blowing power adjustment with four available settings including Boost. Rapid adjustment of the blower tube length and handle position. Ergonomic carrying system with hip belt. Can be used with AR L backpack batteries as well as the new ADA 1000 double battery slot adapter with up to two AP batteries. AR L backpack battery, ADA 1000 and AP batteries not included in delivery. For more information on features and technical details, see page 346.

ACCESSORIES:

**NEW  
ADA 1000 DOUBLE  
BATTERY SLOT  
ADAPTER**



See page 42

26 N  
Blowing power<sup>④</sup>

86 m/s  
Air speed



36 V • 26 N<sup>②</sup> • 7.4 kg<sup>③</sup>

BGA 300 excluding battery and charger  
Order number **BA03 011 5910**

MAX. 94 dB(A)  
Volume<sup>④</sup>



**NEW****SPA 130**36 V • 2.6 kg<sup>①</sup>

AP 500 S

Lightweight and powerful battery olive harvester for professional harvesting of mainly olives but also almonds and nuts. Connecting cable with maximum user freedom; short rigid shaft for precise movements in the tree crown. Rake with eight carbon fingers and synchronous movement for more efficient harvesting. Three-level speed control adjustable to suit fruit ripeness. Lightweight magnesium engine housing and low weight for comfortable work. For more information on features and technical details, see page 298.

SPA 130 excluding battery and charger  
Order number **VA02 011 0700**

**NEW****SPA 140**36 V • 3.2 kg<sup>①</sup>

AP 500 S

Powerful battery olive harvester for professional harvesting of olives, almonds and nuts. Connecting cable with maximum freedom for the user, and professional telescopic shaft for precise movements even in high and branchy tree crowns. Rake with eight carbon fingers and synchronous movement for more efficient harvesting. Three-level speed control adjustable to suit fruit ripeness. Lightweight magnesium engine housing and low weight for comfortable work. For more information on features and technical details, see page 298.

SPA 140 excluding battery and charger  
Order number **VA02 011 0701**



<sup>①</sup> Weight excluding battery

<sup>②</sup> For explanation of symbols, see page 482



# STIHL AP AND AR L BATTERIES

## POWERHOUSES FOR ANY CHALLENGE

### THE BEST IN ITS CLASS: AP 500 S

The AP 500 S sets new standards for batteries and raises to a new level the battery life for all power tools in the STIHL AP-System. This is made possible by our innovative power laminate technology. The unique, particularly robust cells deliver significantly more power output and capacity, while boasting twice the battery life and number of possible charging cycles of all other STIHL batteries. This means you can rely on even more STIHL battery power as you work.

- ✓ Double the battery life / number of charging cycles (up to 2,500) of the AP 300 S
- ✓ Up to 20% longer periods of use compared to the AP 300 S
- ✓ Weighs just 2.0 kg with a power capacity of 337 Wh and an output level of 3.0 kW



### AP 500 S



### AP 100



### AP 200



### AP 300 S

Suitable for all power tools with a battery slot and for battery power tools with socket in conjunction with the AP holster including connecting cable, the battery belt with harness or the AP carrying system. The batteries AP 200, AP 300 S and AP 500 S are IPX4 certified.

**AP 100** 94 Wh battery power<sup>①</sup>, 0.9 kg  
Order number **4850 400 6550**

**AP 200** 187 Wh battery power<sup>①</sup>, 1.3 kg  
Order number **4850 400 6560**

**AP 300 S** 281 Wh battery power<sup>①</sup>, 1.8 kg  
Order number **4850 400 6588**

**AP 500 S** 337 Wh battery power<sup>①</sup>, 2.0 kg  
Order number **EA01 400 6503**



### AP BATTERIES

- ✓ Powerful lithium-ion batteries
- ✓ Charge-level indicator via 4 green LED lights
- ✓ Lightweight design
- ✓ Suitable for use in rainy conditions

! Only while stocks last!

① Power capacity according to the specifications of the cell manufacturer.  
The actual power capacity available during operation is lower, to increase service life  
② Weight excluding carrying system  
③ For explanation of symbols, see page 482



### AL 101 STANDARD CHARGER

230 V. compatible with STIHL AK and AP batteries. Overnight charging of multiple batteries possible on one electric fuse. With charge-level indicator (LED). Cable tie with Velcro tape. Wall-mounting possible.

Order number **4850 430 2520**



### QUICK CHARGERS

230 V. For shorter charge times for STIHL AK, AP and AR L batteries. Wall attachment and cable winding device in the casing base. With operating mode indicator via LED and active battery cooling.

**NEW AL 301**  
Order number **EA09 430 5500**

**AL 500**  
Order number **4850 430 5700**

**NEW AL 501**  
Order number **EA09 430 5700**



### AL 301-4 MULTIPLE BATTERY CHARGER

230 V. Multiple battery charger for charging up to 4 AP batteries or three AP batteries and an AR backpack battery overnight. Sequential battery charging. Can be secured either to the wall or on a shelf, or permanently installed in a vehicle. With operating mode indicator via LED and active battery cooling. Connecting cable and AP adapter for charging AR backpack batteries not included in delivery.

Order number **EA04 430 5500**



### AR L BATTERIES

- ✓ Robust lithium-ion batteries with a very high power capacity for long running times.
- ✓ Charge-level indicator via 6 green LED lights
- ✓ Can be used in the rain<sup>②</sup>
- ✓ Comfortable carrying system available as an accessory

Can be used directly with BGA 300 and RMA 765 V. Also suitable for battery power tools with socket in conjunction with the AR L carrying system and the AR L connecting cable, as well as power tools with a battery slot in conjunction with the AP adapter. IPX4 certified.

**AR 2000 L** excluding AR L connecting cable, AP adapter and AR L carrying system, 1,015 Wh battery power<sup>①</sup>, 7.4 kg<sup>②</sup>  
Order number **4871 400 6510**

**AR 2000 L set** with AR L connecting cable and AP adapter (excluding AR L carrying system), 1,015 Wh battery power<sup>①</sup>  
Order number **4871 200 0000**

**AR 3000 L** excluding connecting cable AR L, AP adapter and carrying system AR L, 1,520 Wh battery power<sup>①</sup>, 9.5 kg<sup>②</sup>  
Order number **4871 400 6520**

**AR 3000 L set** with AR L connecting cable and AP adapter (excluding AR L carrying system), 1,520 Wh battery power<sup>①</sup>  
Order number **4871 200 0001**



STIHL batteries with this symbol are also additionally certified in accordance with the IPX4 protection class. The standard confirms that the products are resistant to water splashing from any direction, as already certified by internal testing.

② Use in the rain e.g. with BGA 300 or other use in the rain approved products.



# ADVANCE X-FLEX MODULAR HARNESS SYSTEM



## PROFESSIONAL WORKING WITH BATTERY POWER TOOLS

Thanks to its combination of harness, cable guide and battery transport bag, the ADVANCE X-Flex modular harness system offers a convenient way to carry STIHL batteries as you work. The system also makes work easier, especially when using battery hedge trimmers or battery blowers that require a connecting cable for power supply - that is where the optional battery bag with connecting cable and the cable guide really shine. However, power tools with battery slots and adapters also benefit from the modular harness system because it helps to reduce the weight of the power tools as you work. In this case the battery hangs comfortably from the harness.



**NEW - AVAILABLE FROM SPRING 2024**  
**ADVANCE X-FLEX HIP BELT**

Padded hip harness with suspension eyelets for shoulder harness and FS harness. With an attachment bar for securing pockets and holders using the STIHL clip system. Robust clasp housing made from aluminium. Stomach padding as an accessory for even more comfortable wear.

Size	Waist circumference	Order number
S	78 - 127 cm	0000 710 9102
M	89 - 143 cm	0000 710 9103
L	98 - 177 cm	0000 710 9104



**NEW**  
**ADVANCE X-FLEX HARNESS**

Slimline harness for carrying lighter loads and use in high temperatures. With suspension eyelets for the shoulder harness and attachment bar for securing pockets and holders using the STIHL clip system.

Size	Waist circumference	Order number
S	78 - 127 cm	0000 798 2400
M	89 - 143 cm	0000 798 2401
L	98 - 177 cm	0000 798 2402



**NEW**  
**ADVANCE X-FLEX SHOULDER HARNESS**

Complements the hip harness and belt for heavy loads. Very comfortable wear thanks to padding and adjustable harness length. It is easy to attach pockets and holders using the clip system. Large areas of high-visibility orange for good visibility.

Order number **0000 790 5801**

**NEW - AVAILABLE FROM SPRING 2024**  
**ADVANCE X-FLEX BATTERY BELT SET**

- Includes ADVANCE X-Flex hip belt in size M (waist circumference 89-143 cm), ADVANCE X-Flex shoulder harness and cable guide
- Belt available separately

Order number **0000 007 4803**



**WE RECOMMEND THE ADVANCE X-FLEX FS SET FOR USE WITH BATTERY BRUSHCUTTERS AND CLEARING SAWS**

FOR FURTHER INFORMATION, PLEASE SEE **PAGE 272**

① demopark silver medal - new products for 2023  
② The maximum output is limited for some power tools when used with an AR battery with connecting cable or an AP battery in a holster. Battery life remains unchanged.



### ADVANCE X-FLEX POCKETS

Extend your harness system with practical pockets and ergonomic accessories. The integrated STIHL clip system means these can easily be clipped onto the hip belt and harness or removed.

**NEW**  
**CABLE GUIDE**



Order number **0000 491 1000**

**NEW**  
**RADIO POCKET**



Order number **0000 882 6600**

**NEW**  
**BATTERY BAG**



Order number **0000 491 0300**

**NEW**  
**UNIVERSAL POCKET**



Order number **0000 882 6100**

**NEW**  
**STOMACH PADDING**



1 pair  
Order number **0000 490 1800**

**NEW**  
**BATTERY BAG WITH CONNECTING CABLE**



Order number **0000 440 5100**

**NEW**  
**SMARTPHONE POCKET**



Order number **0000 882 6700**

**NEW**  
**SECURING CLIPS**



2 units  
Order number **0000 740 8800**



### INNOVATIVE STIHL CLIP SYSTEM

All pockets and holders in the ADVANCE X-Flex modular harness system can be easily and quickly attached to the harnesses thanks to the innovative STIHL-developed clip system, which uses metal clips. The pockets and holders come with the clips already equipped, though they can also be bought individually online. So you can even equip them to other pockets you already have, and clip them onto a harness or belt.



**NEW**  
**ADA 1000**

Double battery slot adapter for using two AP batteries. Automatic switching to the second battery as soon as the first is flat. AP batteries not included in delivery.



For BGA 300<sup>Ⓞ</sup> and RMA 765 V  
Order number 6909 400 4300

**AR L CARRYING SYSTEM**

Carrying system for tool-free attachment of AR 2000 L and AR 3000 L. With 3-setting length-adjustable shoulder straps for individual adjustment to user height and flexible hip belt for ergonomic work. Power is supplied via the connecting cable and, as an optional extra, the AP adapter.



Order number 4871 490 0400

**AP CARRYING SYSTEM**

Convenient, lightweight carrying system for up to two AP batteries. Can be used in combination with an AP holster and a connecting cable – as an alternative to AR backpack batteries. Suitable for tools with a socket and tools with a battery slot.



Order number 4850 490 0400

**CONNECTING CABLE FOR AR L BATTERIES**

For power supply when charging AR L batteries and when operating battery power tools. Cable length: 180 cm.



Order number 4871 440 2000

**AP HOLSTER WITH CONNECTING CABLE<sup>Ⓞ</sup>**

Makes it possible to transfer energy between a STIHL AP battery and a power tool with a socket. Can be combined with the carrying system and the battery belt with harness. Not compatible with ADVANCE X-Flex modular harness system. Cable length: 120 cm. With integrated electronics for overload switching with acoustic signals.



Order number 4850 440 5101

**COMFORT CARRYING SYSTEM**

The comfort carrying system enables the BGA 200 to be used in different ways – either hand-held or hooked into a slot on the side of the user's body. These two modes can be switched between easily and incredibly rapidly, making your work so much easier – particularly during longer periods of use. The comfort carrying system can only be used in combination with a carrying system for AR backpack batteries. It cannot be used with the battery belt or the AP carrying system. AR batteries and the AR carrying system are not included in delivery.



For BGA 200  
Order number BA01 490 0400

**PLUG COVER**

Protects against dust and dirt during longer periods of storage.



For battery power tools with sockets, such as the BGA 100, BGA 200, HSA 130 R and HSA 130 T  
Order number 4850 432 2301

**COVER FOR AP-SYSTEM BATTERY SLOT**

For covering the battery slot on battery power tools in the STIHL AP-System. Protects against dust and dirt during longer periods of storage.



Order number 4850 602 0900

**BATTERY BELT WITH HARNESS**

Sturdy and ergonomically shaped belt with comfortable harness for weight distribution across hips and shoulders. Reduced total weight in the hand, as the battery in the AP holster with connecting cable is worn on the belt. Power is supplied by using this with additional accessories, such as the AP holster with connecting cable for tools with a socket, and additionally with an AP adapter for tools with a battery slot. Not suitable for the BGA 200 comfort carrying system.

Order number 4850 490 0500

**ACCESSORIES: BAG FOR BATTERY BELT**

Can be used to easily carry another AP battery or accessories such as safety glasses, gloves or resin remover spray. Attaches to the battery belt or AR carrying system. Not compatible with ADVANCE X-Flex modular harness system.



Order number 4850 491 0101

**ACCESSORIES: AP ADAPTER**

For power transfer between a STIHL AP battery, combined with the AP holster and connecting cable, or with a STIHL AR battery and a power tool with a battery slot, and for charging in combination with AL 301, AL 500, AL 501 or AL 301-4.



Order number 4850 440 0505

**ACCESSORIES: WEIGHT KITS FOR AP ADAPTER**

Attached to the AP adapter to improve the balance of the machine, e.g. for FSA 90, approx. 500 g.



Order number 4850 007 1001

**HIP BELT WITH HOLSTER**

Makes it easier to carry the SGA 85 battery sprayer when full. The SGA 85 lance can be fastened into the hip belt holster during breaks.

For SGA 85  
Order number 4854 710 9100

**SUPPORT CUSHION SET**

Support cushion with harness adapter for securing the support cushion to the battery belt with harness, on the AP or AR L carrying system. Not suitable for combination with the modular harness system.



For BGA 100, FSA 120, FSA 120 R, FSA 200 R, FSA 200, FSA 135, FSA 135 R and RGA 140  
Order number 0000 007 1045

**BUMPER SPIKES**

Large metal bumper spikes for coarse-barked wood.



For MSA 220 T and MSA 220 TC-O  
Order number MA01 664 0500

**PROTECTIVE FEET**

For protecting the power tool and battery from direct contact with the ground.



For HTA 66, HTA 86, HLA 66 and HLA 86  
Order number 4857 007 1001

For protecting the power tool and battery from direct contact with the ground.



**NEW** For KMA 80 R and KMA 120 R  
Order number FA08 007 1001

For protecting the power tool and battery from direct contact with the ground. Already included in delivery with the HTA 135, HTA 150 and HTA 160.



For HLA 135, HTA 135, HTA 150, HTA 160 and KMA 135 R  
Order number LA01 007 1002

<sup>Ⓞ</sup> Full functionality only available with BGA 300 from generation .1 onward (BA03 011 5910). No automatic switching to second battery slot with BGA 300 generation .0 (BA03 011 5900). To determine the generation, please check the information on the rating plate of your power tool.

<sup>Ⓞ</sup> The maximum output is limited for some power tools when used with an AR battery with connecting cable or an AP battery in a holster. Battery life remains unchanged.



**BATTERY BOXES (SYSTAINER<sup>3</sup> SYSTEM)**

For safe storage and easy, compact transport of batteries, chargers and other accessories. The boxes are stackable and it is possible to access a single box within a stack thanks to the T-Loc closure. The STIHL battery boxes in the Systainer<sup>3</sup> system fit perfectly into the bott vario<sup>3</sup> system and can be integrated flexibly.

**Battery box S**  
With trays for two AP batteries and one AL charger.  
Order number **0000 882 9703**

**Battery box M**  
With trays for six AP batteries and one AL charger.  
Order number **0000 882 9704**

**Battery box L**  
With base cushion, e.g. for one AR L battery and a carrying system or for AP batteries.  
Order number **0000 882 9705**

**POWER BOXES**

Our power boxes are fully equipped with two AP batteries and a charger, to facilitate extended periods of work with battery power tools.



Power box 2

**Power box 1** (similar to illustration)  
Ideal for use with battery hedge trimmers or arborist saws.  
Contains: 2 × AP 200, 1 × AL 301  
Order number **4850 200 0033**Ⓢ

**Power box 2**  
Ideal for use with battery brushcutters or battery lawn mowers.  
Contains: 2 × AP 300 S, 1 × AL 501  
Order number **4850 200 0035**Ⓢ

**Power box 3** (similar to illustration)  
Ideal for use with the MSA 300 battery chainsaw.  
Contains: 2 × AP 500 S, 1 × AL 501  
Order number **EA01 200 0002**Ⓢ

**BATTERY CARRIER**

For simple and practical transport of up to six AP batteries. AP batteries not included in delivery.



Order number **4850 490 0600**

Ⓢ Battery box (Systainer<sup>3</sup> system) S (0000 882 9703) included in delivery  
Ⓢ The maximum output is limited for some power tools when used with an AR battery with connecting cable or an AP battery in a holster. Battery life remains unchanged.

**NEW TIMBERSPORTS<sup>®</sup> EDITION CHAINSAW BAG**



Flexible, durable bag made from water-resistant material in the TIMBERSPORTS<sup>®</sup> design for tidy storage and transport of chainsaws and accessories. Suitable for bar lengths up to 50 cm, base panel for increased stability, practical internal pockets for accessories such as batteries, charger, chains, marker sprays and more. The contents shown are not included with the bag.

Order number **0000 900 4300**

**BATTERY CARRY BAG**

Easy-to-carry, lightweight, hard-wearing bag for clean storage of STIHL battery tools accessories, e.g. for two batteries with a charger.



Order number **0000 881 0520**

**CARRY BAG**



Lightweight, durable bag for transport and storage of all STIHL KombiEngines with a loop handle, and the FS-KM or HL-KM KombiTools. Also ideal for the KMA 80 R, KMA 120 R, KMA 135 R, HSA 50, HSA 60, HSA 100, HLA 56, BGA 57, BGA 60, BGA 86 and BGA 100 battery power tools, each with one battery and charger. The contents shown are not included with the bag.

Order number **0000 881 0507**

Ⓢ The comfort carrying system for the BGA 200 can only be used with the carrying system for AR L batteries. It cannot be combined with the AP battery belt or the AP carrying system.

**POWER TOOLS WITH A SOCKET**  
ENERGY SUPPLY AND CARRYING SYSTEMS



HSA 130 R (previously: HSA 94 R)

BGA 100

HSA 130 T (previously: HSA 94 T)

BGA 200

**BATTERY POWER SUPPLY**

<p>AP 200 AP 300 S AP 500 S</p>	<p>AR 2000 L AR 3000 L</p>	<p><b>For charging the battery</b></p> <p>Connecting cable for AR L batteries</p> <p>AP adapter</p>
<p>ADVANCE X-Flex AP battery bag with connecting cable<sup>Ⓢ</sup></p>	<p>AP holster with connecting cable</p>	

**CARRYING SYSTEMS**

<p>ADVANCE X-Flex modular harness system</p>	<p>Battery belt with harness or AP carrying system<sup>Ⓢ</sup></p>	<p>Carrying system for AR L</p>
--	--	---------------------------------

**ATTACHMENT OPTIONS**

<p>For information about pockets and holders for the ADVANCE X-Flex modular harness system, see page 468</p>	<p>Support cushion set for BGA 100, FSA and RGA 140</p>	<p>Support cushion set for BGA 100, FSA and RGA 140</p>	<p>Comfort carrying system for the BGA 200<sup>Ⓢ</sup></p>
--	---	---	--





	AP 100	AP 200	AP 300 S	AP 500 S	AR 2000 L	AR 3000 L
<b>BATTERY POWER<sup>①</sup> (Wh)</b>		187	281	337	1,015	1,520
<b>BATTERY CHARGING TIMES, CAPACITY: 80% / 100% (min)</b>						
<b>AL 301</b>	<b>NEW</b>	75 / 100	40 / 55	55 / 80	70 / 90	220 / 290
<b>AL 301-4</b>		30 / 45	40 / 55	55 / 80	70 / 90	220 / 290
<b>AL 500</b>	!	30 / 45	30 / 45	30 / 45	40 / 55	110 / 150
<b>AL 501</b>	<b>NEW</b>	30 / 45	25 / 35	30 / 45	40 / 55	120 / 160
<b>WORKING HOURS PER BATTERY CHARGE<sup>②</sup> (up to ... min)</b>						
<b>MSA 160 C-B</b>	<b>NEW</b>	-	42	62	74	195
<b>MSA 200 C-B</b>	<b>NEW</b>	-	42	50	60	175
<b>MSA 220 C-B</b>	<b>NEW</b>	-	32	37	44	220
<b>MSA 300 / MSA 300 C-O</b>		-	-	-	20 - 44 <sup>③</sup>	-
<b>MSA 161 T</b>		-	42	62	74	195
<b>MSA 220 T / MSA 220 TC-O</b>		-	16	29	34	109
<b>HTA 66</b>		18	42	68	82	210
<b>HTA 66 K</b>	<b>NEW</b>	18	42	68	82	210
<b>HTA 86</b>		18	42	68	82	210
<b>HTA 135</b>		10	22	70	54	160
<b>HTA 150 Forest / maintenance variant</b>	<b>NEW</b>	15 / 25	30 / 52	60 / 100	68 / 113	222 / 374
<b>HTA 160</b>	<b>NEW</b>	18	36	70	80	262
<b>FSA 86 R with line mowing head / with PolyCut</b>		17 / 30	35 / 60	52 / 85	62 / 102	185 / 300
<b>FSA 120 with grass-cutting blade</b>	<b>NEW</b> <sup>④</sup>	30 - 20 <sup>⑤</sup>	60 - 40 <sup>⑤</sup>	100 - 60 <sup>⑤</sup>	130 - 70 <sup>⑤</sup>	380 - 200 <sup>⑤</sup>
<b>FSA 120 with line mowing head</b>	<b>NEW</b> <sup>④</sup>	15 - 10 <sup>⑤</sup>	30 - 20 <sup>⑤</sup>	50 - 30 <sup>⑤</sup>	60 - 35 <sup>⑤</sup>	20 - 120 <sup>⑤</sup>
<b>FSA 120 R with line mowing head</b>	<b>NEW</b> <sup>④</sup>	15 - 10 <sup>⑤</sup>	30 - 20 <sup>⑤</sup>	50 - 30 <sup>⑤</sup>	60 - 35 <sup>⑤</sup>	200 - 120 <sup>⑤</sup>
<b>FSA 135 with grass-cutting blade</b>		25 - 16 <sup>⑤</sup>	50 - 30 <sup>⑤</sup>	100 - 50 <sup>⑤</sup>	120 - 60 <sup>⑤</sup>	310 - 160 <sup>⑤</sup>
<b>FSA 135 R with nylon mowing head</b>		14 - 10 <sup>⑤</sup>	28 - 17 <sup>⑤</sup>	45 - 25 <sup>⑤</sup>	54 - 30 <sup>⑤</sup>	160 - 90 <sup>⑤</sup>
<b>FSA 200 with line mowing head</b>	<b>NEW</b> <sup>④</sup>	-	20 - 10 <sup>⑤</sup>	32 - 16 <sup>⑤</sup>	40 - 20 <sup>⑤</sup>	120 - 60 <sup>⑤</sup>
<b>FSA 200 with brush-cutting knife</b>	<b>NEW</b> <sup>④</sup>	-	32 - 16 <sup>⑤</sup>	60 - 30 <sup>⑤</sup>	70 - 35 <sup>⑤</sup>	210 - 105 <sup>⑤</sup>
<b>FSA 200 with grass-cutting blade</b>	<b>NEW</b> <sup>④</sup>	-	32 - 16 <sup>⑤</sup>	60 - 30 <sup>⑤</sup>	70 - 35 <sup>⑤</sup>	210 - 105 <sup>⑤</sup>
<b>RGA 140</b>		25 - 16 <sup>⑤</sup>	50 - 30 <sup>⑤</sup>	100 - 50 <sup>⑤</sup>	120 - 60 <sup>⑤</sup>	310 - 160 <sup>⑤</sup>
<b>HSA 100</b>	<b>NEW</b>	75	150	225	270	1,135
<b>HSA 130 R / HSA 130 T</b>		54 - 42 <sup>⑤</sup>	108 - 84 <sup>⑤</sup>	167 - 130 <sup>⑤</sup>	200 - 155 <sup>⑤</sup>	690 - 565 <sup>⑤</sup>
<b>HLA 66</b>		72	144	223	268	715
<b>HLA 86</b>		72	144	223	268	715
<b>HLA 135 / HLA 135 K</b>		32	64	95	114	345
<b>KMA 120 R with FS-KM, line mowing head<sup>⑥</sup></b>	<b>NEW</b> <sup>④</sup>	-	30 - 15 <sup>⑤</sup>	50 - 25 <sup>⑤</sup>	60 - 30 <sup>⑤</sup>	180 - 90 <sup>⑤</sup>
<b>KMA 120 R with FS-KM, grass-cutting blade<sup>⑥</sup></b>	<b>NEW</b> <sup>④</sup>	-	60 - 35 <sup>⑤</sup>	100 - 55 <sup>⑤</sup>	120 - 60 <sup>⑤</sup>	360 - 180 <sup>⑤</sup>
<b>KMA 135 R with FS-KM, line mowing head<sup>⑥</sup></b>		14 - 7 <sup>⑤</sup>	28 - 14 <sup>⑤</sup>	45 - 22 <sup>⑤</sup>	54 - 26 <sup>⑤</sup>	160 - 80 <sup>⑤</sup>
<b>KMA 135 R with FS-KM, grass-cutting blade<sup>⑥</sup></b>		25 - 16 <sup>⑤</sup>	50 - 30 <sup>⑤</sup>	100 - 50 <sup>⑤</sup>	120 - 60 <sup>⑤</sup>	310 - 160 <sup>⑤</sup>

■ Recommended battery  
■ Reduced tool performance  
- Not recommended  
! Only while stocks last!

① Power capacity according to the specifications of the cell manufacturer. The actual power capacity available during operation is lower, to increase service life  
 ② The battery working times and area specifications for each battery charge are estimates and may vary depending on how the tool is used and what is being cut

③ Level 1 - level 3 / 4  
 ④ The working time per battery charge varies depending on the operating mode selected  
 ⑤ Available from spring 2024  
 ⑥ Working times in combination with other KombiTools can be found at [stihl.de/akku-laufzeiten](http://stihl.de/akku-laufzeiten)



**WHAT DO THE 80% AND 100% CHARGING TIMES MEAN?**

A battery will reach 80% of its charging capacity relatively quickly via increasing voltage while the charging current remains uniform. Once this level has been achieved, the current decreases and the voltage stops increasing, which protects the battery cells. That is why the remaining 20% is only reached very slowly. This is so that the battery capacity is maintained over many charging cycles and the service life is increased.



	AP 100	AP 200	AP 300 S	AP 500 S	AR 2000 L	AR 3000 L
<b>BATTERY POWER<sup>Ⓞ</sup> (Wh)</b>		187	281	337	1,015	1,520
<b>WORKING HOURS PER BATTERY CHARGE<sup>Ⓞ</sup> (up to ... min)</b>						
<b>TSA 230</b>	7	14	22	26	80	125
<b>KGA 770</b>	84	168	260	312	-	-
<b>SGA 85</b>	510	1,000	-	-	-	-
<b>BGA 86</b>	11	17	26	31	90	140
<b>BGA 100</b>	32 - 8 <sup>Ⓞ</sup>	66, 28, 17, 12 <sup>Ⓞ</sup>	103, 44, 26, 20 <sup>Ⓞ</sup>	123, 52, 31, 24 <sup>Ⓞ</sup>	375, 160, 100, 75 <sup>Ⓞ</sup>	555, 225, 140, 105 <sup>Ⓞ</sup>
<b>BGA 200</b>	24 - 4 <sup>Ⓞ</sup>	49, 21, 11, 7 <sup>Ⓞ</sup>	95, 38, 20, 14 <sup>Ⓞ</sup>	114, 45, 24, 17 <sup>Ⓞ</sup>	315, 146, 76, 53 <sup>Ⓞ</sup>	500, 220, 117, 85 <sup>Ⓞ</sup>
<b>BGA 300</b>	-	16, 13, 13, 13 <sup>Ⓞ</sup>	25, 18, 14, 10 <sup>Ⓞ</sup>	29, 21, 17, 12 <sup>Ⓞ</sup>	97, 72, 57, 48 <sup>Ⓞ</sup>	140, 105, 83, 61 <sup>Ⓞ</sup>
<b>SPA 130</b> <b>NEW</b>	50	100	150	180	545	815
<b>SPA 140</b> <b>NEW</b>	50	100	150	180	545	815
<b>RANGE PER BATTERY CHARGE<sup>Ⓞ</sup> (up to ... m<sup>2</sup>)</b>						
<b>RMA 443 PV</b> <b>NEW<sup>Ⓞ</sup></b>	-	360	530	640	-	-
<b>RMA 448 PV</b> <b>NEW<sup>Ⓞ</sup></b>	-	340	510	610	-	-
<b>RMA 453 PV</b> <b>NEW<sup>Ⓞ</sup></b>	-	300	450	540	-	-
<b>RMA 765 V</b>	-	-	400	480	2,050	3,100
<b>RMA 2 RPV</b>	210	420	630	760	-	-



■ Recommended battery  
■ Reduced tool performance  
- Not recommended

<sup>Ⓞ</sup> Power capacity according to the specifications of the cell manufacturer. The actual power capacity available during operation is lower, to increase service life  
<sup>Ⓞ</sup> The battery working times and area specifications for each battery charge are estimates and may vary depending on how the tool is used and what is being cut

<sup>Ⓞ</sup> Level 1 - Level 3 / Boost  
<sup>Ⓞ</sup> Available from spring 2024





## REAL BATTERY POWER. AT HOME.

MAKE YOUR GARDEN PROJECT A REALITY WITH OUR POWERFUL BATTERY POWER TOOLS.

FIND THE RIGHT BATTERY POWER TOOLS FOR YOUR NEEDS.

### READY FOR ANY CHALLENGE

A wide range of power tools for versatile and demanding gardening tasks.

AK-SYSTEM



➔ FROM PAGE **52**

### COMPACT. HANDY. VERSATILE.

Compact power tools for detailed work and occasional garden maintenance.

AS-SYSTEM



➔ FROM PAGE **68**

### FOR SMALLER GARDENS

Easy-to-operate power tools for spontaneous garden work.

AI-LINE



➔ FROM PAGE **72**

# AK-SYSTEM

## CONQUER AMBITIOUS PROJECTS

You will be impressed by the power and stamina of the AK-System. Equipped with this extensive range of power tools, you can meet any challenge in your garden. All AK batteries can be easily combined with AL 101 or AL 301 chargers and any power tool from the AK-System.



AK 20

**NEW**  
**MSA 60 C-B**  
36 V • 0.9 kW<sup>①</sup> • 2.5<sup>②</sup> / 2.9 kg<sup>③</sup>



Easy- and convenient-to-use battery chainsaw for occasional grounds maintenance and straightforward but skilled manual jobs. 1/4"-PM3 saw chain for excellent cutting performance and a clean cut, ergonomic control lever with potentiometer function for infinitely variable speed control, STIHL chain tensioning for tool-free tensioning of the saw chain, transparent oil tank for easy visual checking of the fill level. For more information on features and technical details, see page 114.

**MSA 60 C-B** excluding battery and charger<sup>④</sup>

Bar length **30 cm**  
Order number **MA04 011 5800**

**MSA 60 C-B set** with AK 20 and AL 101<sup>④</sup>

Bar length **30 cm**  
Order number **MA04 011 5806**



AK 30

**NEW**  
**MSA 70 C-B**  
36 V • 1.1 kW<sup>①</sup> • 2.5<sup>②</sup> / 2.9 kg<sup>③</sup>



Lightweight and comfortable battery chainsaw with 25% more cutting performance than the MSA 60 C-B. Ideal for occasional grounds maintenance, cutting logs on the ground and straightforward but skilled manual jobs. 1/4"-PM3 saw chain for excellent cutting performance and a clean cut, ergonomic control lever with potentiometer function for infinitely variable speed control, STIHL chain tensioning for tool-free tensioning of the saw chain, transparent oil tank for easy visual checking of the fill level. For more information on features and technical details, see page 114.

**MSA 70 C-B** excluding battery and charger<sup>④</sup>

Bar length **30 cm**  
Order number **MA04 011 5816**

**MSA 70 C-B set** with AK 30 and AL 101<sup>④</sup>

Bar length **30 cm**  
Order number **MA04 011 5822**



AK 10

**NEW**  
**HSA 50**  
36 V • 2.9 kg<sup>⑤</sup>



Lightweight and quiet battery hedge trimmer for trimming bushes, shrubs, and medium-sized hedges. Laser-cut, diamond-ground and hardened blades, teardrop-shaped blade geometry for perfect cuts and a healthy hedge. Comfortable and effortless work due to optimum power tool balance, ergonomically shaped control handle, loop handle with inner switch, and low weight. Screw-on blade tip protector to prevent wear when working near the ground or along walls. For more information on features and technical details, see page 158.

**HSA 50** excluding battery and charger

Bar length **50 cm**  
Order number **4521 011 3530**

**HSA 50 set** with AK 10 and AL 101

Bar length **50 cm**  
Order number **4521 011 3540**



AK 10

**NEW**  
**HSA 60**  
36 V • 3.5 kg<sup>⑤</sup>



Battery hedge trimmer with very powerful cutting performance for demanding applications, such as trimming bushes and tall hedges. Laser-cut, diamond-ground and hardened blades, teardrop-shaped blade geometry for perfect cuts and a healthy hedge. Effortless and ergonomic working thanks to optimal power tool balance, rotatable multi-function handle, loop handle with inner switch, and STIHL anti-vibration system. Anti-block system for easy change of the cutting blades' rotational direction in the event of blockages. EC engine for constant output and long service life. Screw-on blade tip protector to prevent wear when working near the ground or along walls. For more information on features and technical details, see page 158.

**HSA 60** excluding battery and charger

Bar length **60 cm**  
Order number **HA06 011 3500**

**HSA 60 set** with AK 10 and AL 101

Bar length **60 cm**  
Order number **HA06 011 3510**



B = STIHL Quick Chain Tensioning  
C = Comfort version

① Further comparison values for petrol-driven chainsaws are available on page 114  
② Weight excluding battery, guide bar and saw chain  
③ Weight excluding battery, including guide bar and saw chain

④ With guide bar and saw chain  
⑤ Weight excluding battery  
⑥ For explanation of symbols, see page 482



**HTA 50**

36 V • 0.8 kW<sup>①</sup> • 3.6 kg<sup>②</sup>



AK 20

Lightweight battery pole pruner with high cutting performance for tree maintenance work of all types. 1/4"-PM3 saw chain and side-mounted chain tensioning. With branch hook for easy removal of cuttings from the tree, semi-transparent oil tank, ergonomic control unit and detachable shaft for easy transport and space-saving storage. Total length 280 cm. For more information on features and technical details, see page 120.

ACCESSORIES:  
**HTA SHAFT EXTENSION**



**PROTECTIVE FOOT**



See page 64



**INCLUDING WALL HOLDER**

HTA 50 excluding battery and charger<sup>③</sup>  
Order number **LA02 011 6400**

HTA 50 set with AK 20 and AL 101<sup>④</sup>  
Order number **LA02 200 0001**

**HLA 56**

36 V • 3.8 kg<sup>⑤</sup>



AK 20

Lightweight battery long-reach hedge trimmer for cutting taller hedges and shrubs in your home garden. Single-sided cutter blade in a teardrop shape, variably adjusted blade angle from -45° to +90°, detachable shaft for easy transport. Carrying length 115 cm, total length 210 cm. For more information on features and technical details, see page 164.

ACCESSORIES:  
**HLA SHAFT EXTENSION**

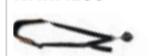


**PROTECTIVE FOOT**



See page 64

**HARNES**



See page 270



**INCLUDING WALL HOLDER**

HLA 56 excluding battery and charger  
Bar length **45 cm**  
Order number **HA01 011 2900**

HLA 56 set with AK 20 and AL 101  
Bar length **45 cm**  
Order number **HA01 200 0011**

HLA set with 2 × AK 20 and AL 101  
Bar length **45 cm**  
Order number **HA01 200 0008**



**FSA 57**

36 V • 0.4 kW<sup>⑥</sup> • 2.7 kg<sup>⑦</sup>



AK 10

Very lightweight and easy-to-use battery brushcutter for maintaining lawns and lawn edges in outdoor areas around your home. Cutting circle diameter of 280 mm, shaft length adjustable at the press of a button and handle adjustment with no need for tools. Spacer for mowing around obstacles such as trees and shrubs. Soft handle with an optimised usage concept. AutoCut C 3-2 line mowing head that can be refilled from the outside with no tools needed. Alternatively, the PolyCut 3-2 mowing head with plastic blades is available as an accessory. For more information on features and technical details, see page 276.



FSA 57 excluding battery and charger  
Order number **4522 011 5730**

FSA 57 set with AK 10 and AL 101  
Order number **4522 011 5740**

FSA 57 set with 2 × AK 10 and AL 101  
Order number **4522 200 0006**

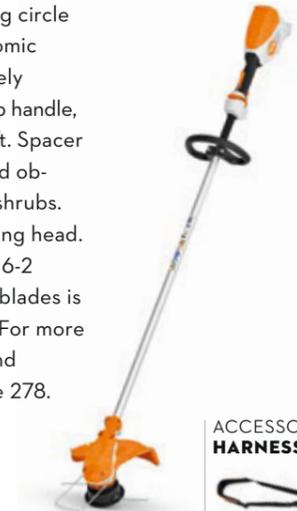
**FSA 60 R**

36 V • 0.65 kW<sup>⑧</sup> • 3.1 kg<sup>⑨</sup>



AK 20

Battery brushcutter in a contemporary design for lawn and lawn edge maintenance. Cutting circle diameter 350 mm. Ergonomic control handle with infinitely variable speed control, loop handle, and sturdy aluminium shaft. Spacer bracket for mowing around obstacles such as trees and shrubs. With AutoCut C 6-2 mowing head. Alternatively, the PolyCut 6-2 mowing head with plastic blades is available as an accessory. For more information on features and technical details, see page 278.



ACCESSORIES:  
**HARNES**



See page 270

FSA 60 R excluding battery and charger  
Order number **FA04 011 5700**

FSA 60 R set with AK 20 and AL 101  
Order number **FA04 011 5740**

FSA 60 R set with 2 × AK 20 and AL 101  
Order number **FA04 200 0002**

**THE RIGHT POLYCUT MOWING HEADS**

SEE FROM PAGE 282

**CORRESPONDING BATTERIES AND CHARGERS**

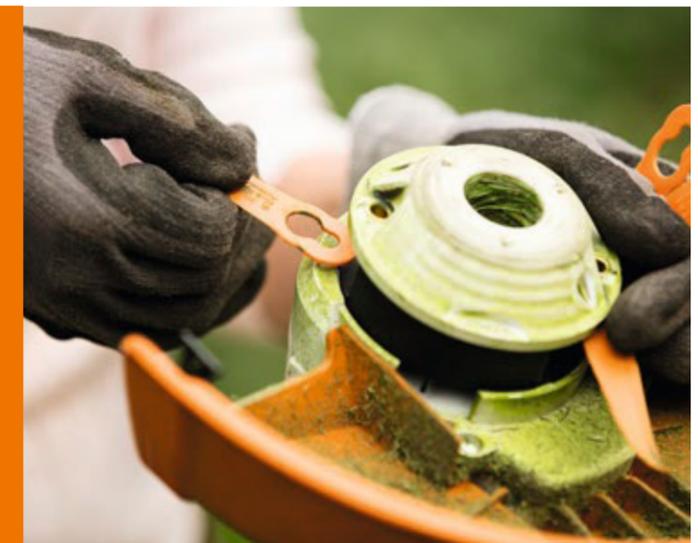
SEE FROM PAGE 65



**PROFESSIONAL TIP**

**SOAKING POLYCUT BLADES**

Did you know that PolyCut plastic blades last longer if they are stored in water? The blades absorb some of the moisture, making them less brittle, and this reduces wear on contact with fence posts or hard edges. The same course also applies to our mowing lines. To additionally increase the service life of PolyCut blades, simply turn them over as soon as one side is worn, and then keep mowing with the side that is not worn.



① Further comparison values for petrol-driven pole pruners are available on page 120  
② Weight excluding battery, guide bar and saw chain  
③ With guide bar and saw chain  
④ Weight excluding battery

⑤ Further comparison values for petrol-driven brushcutters are available on page 276  
⑥ Weight excluding battery, including cutting tool and guard  
⑦ For explanation of symbols, see page 482



## NEW FSA 80

INCREASED PERFORMANCE  
IN THE AK-SYSTEM

AK 30

The most powerful battery brushcutter in the STIHL AK-System, offering very good cutting performance for mowing grass and trimming lawn edges in your home garden. Brushless EC motor, speed control and two power settings (Eco and Max), bike handle, tool-free handle adjustment, tool detection, and harness for fatigue-free working achieved through good balance. With GSB GrassCut 230-2 blade. Wide range of cutting tools available as accessories. For more information on features and technical details, see page 278.



36 V • 1.0 kW<sup>①</sup> • 4.9 kg<sup>②</sup>



**FSA 80** excluding battery and charger  
Order number **FA08 011 5700**

**FSA 80 set** with AK 30 and AL 101  
Order number **FA08 011 5710**

**Additional versions:**

**FSA 80 R** excluding battery and charger **FA08 011 5720**

**FSA 80 R set** with AK 30 and AL 101 **FA08 011 5730**

R = Loop handle



AK 20

### BGA 57

36 V • 9 N<sup>③</sup> • 2.3 kg<sup>②</sup>



Pleasantly quiet battery blower. For use in residential areas for gathering leaves, grass, paper and other waste into piles. Round nozzle, softgrip handle, three-setting length-adjustable blower tube. Flat nozzle for increased air speed available as an accessory. For more information on features and technical details, see page 346.

**BGA 57** excluding battery and charger  
Order number **4523 011 5960**

**BGA 57 set** with AK 20 and AL 101  
Order number **4523 011 5970**

**BGA 57 set** with 2 × AK 20 and AL 101  
Order number **4523 200 0006**



AK 30

### NEW

### BGA 60

36 V • 15 N<sup>③</sup> • 2.3 kg<sup>②</sup>



The most powerful battery blower in the STIHL AK-System. Ideal for gathering leaves, paper and other waste into piles. Variable blowing power adjustment with additional Boost mode for up to 60% more blowing power than the BGA 57. Powerful, durable EC engine, round nozzle, length-adjustable blower tube with metal ring to protect against wear. For more information on features and technical details, see page 346.

**BGA 60** excluding battery and charger  
Order number **BA04 011 5900**

**BGA 60 set** with AK 30 and AL 101  
Order number **BA04 011 5940**



① Further comparison values for petrol-driven brushcutters are available on page 278

② Weight excluding battery, including cutting tool and guard

③ Power given in Newton (N) for comparison of blower outputs

④ Weight excluding battery

⑤ For explanation of symbols, see page 482



ACCESSORIES:  
COLLECTION BAG  
ATTACHMENT SET



See page 64

AK 20

INCLUDING BLOWER TUBE  
AND COLLECTION BAG



SHA 56

36 V • 4.2 kg<sup>①</sup>



A practical 2-in-1 tool for vacuuming leaves and hedge trimmings as well as blowing foliage and paper into piles. Converts easily from vacuum shredder to blower - no tools required. Turning handle with variable speed regulator for excellent ergonomics in both operating modes. Additional front handle, metal star-shaped shredder and padded harness for use as a vacuum shredder. The standard collection bag hooks onto the suction tube and has an asymmetrical design to facilitate maximum legroom. Backpack collection bag available as an accessory. Round nozzle and two-setting length-adjustable blower tube when used as a blower. Flat nozzle for increased air speed available as an accessory. For more information on features and technical details, see page 350.

SHA 56 excluding battery and charger  
Order number SA02 011 7100

SHA 56 set with AK 20 and AL 101  
Order number SA02 200 0000



VACUUM MODE



BLOWING MODE



SHA 56 - ONE POWER TOOL,  
TWO APPLICATIONS

The SHA 56 is a practical 2-in-1 tool, both a vacuum shredder and a blower in one. Converting the vacuum shredder to a blower - or vice versa - is straightforward and does not require the use of tools. The handle can be turned through 180°. This ensures excellent ergonomics in both operating modes. The collection bag is quickly and easily hung onto the suction pipe, making the SHA 56 ready for use in an instant.



The overview of battery charging times, working time per charge and battery life is available on pages 66 and 67 as well as at [stihl.com](http://stihl.com) under STIHL battery technology - battery life and charging times.

R = Loop handle  
① Weight excluding battery, in vacuum mode  
② Further comparison values for petrol-driven KombiEngines are available on page 172  
③ Weight excluding battery and KombiTool

ACCESSORIES:  
NEW  
PROTECTIVE  
FOOT



See page 64

AK 30

NEW  
KMA 80 R

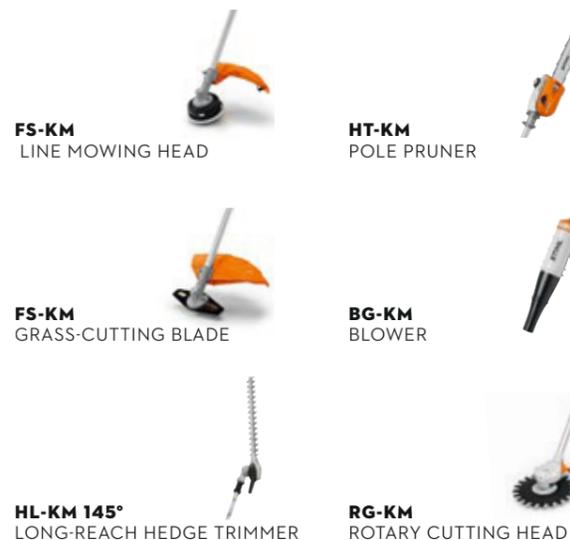
36 V • 1.0 kW<sup>②</sup> 3.1 kg<sup>③</sup>



Lightweight battery KombiEngine with high torque for energy-efficient, low-noise working. Versatile use due to wide range of STIHL KombiTools. AK battery slot in the power tool, brushless EC motor, speed control and two power settings (Eco and Max), loop handle with tool-free handle adjustment. Barrier bar can be easily mounted or detached. Side gearshift lock, rotating suspension eyelet The KMA 80 R cannot be used with the FSB-KM brushcutter. For more information on features and technical details, see page 172.

KMA 80 R excluding battery and charger  
Order number FA08 011 6800

RELATED KOMBITOOLS:



ADDITIONAL INFORMATION  
ON KOMBITOOLS

SEE FROM PAGE 173

④ Ear protection must be worn when using the BG-KM blower  
⑤ For explanation of symbols, see page 482





AK 20

**NEW**  
**RMA 235**  
36 V • 13.0 kg<sup>①</sup>



Lightweight, easy-to-manoeuvre battery lawn mower with a 33 cm cutting width for small areas of lawn. With flow-optimised blade, central cut-height adjustment and 2-level height-adjustable bar. Including folding 30-litre grass catcher box with fill-level indicator. For more information on features and technical details, see page 236.

**RMA 235** excluding battery and charger  
Order number **6311 011 1415**



AK 20

**NEW**  
**RMA 239 C**  
36 V • 15.0 kg<sup>①</sup>



Lightweight, manoeuvrable battery lawn mower with a 37 cm cutting width for small to medium-sized areas of lawn. With flow-optimised blade, central cut-height adjustment as well as 2-setting height-adjustable folding comfort handlebar. Includes folding 40-litre grass catcher box with fill-level indicator. For more information on features and technical details, see page 236.

**RMA 239 C** excluding battery and charger  
Order number **6320 011 1435**

**RMA 239 C set** with AK 30 and AL 101  
Order number **6320 011 1463**

**Additional versions:**

**RMA 239** excluding battery and charger **6320 011 1430**

**RMA 239 set** with AK 30 and AL 101 **6320 011 1461**



AK 30 S

**NEW - AVAILABLE FROM SPRING 2024**  
**RMA 243**  
36 V • 25.0 kg<sup>①</sup>



Compact battery lawn mower with a 41 cm cutting width, 4-in-1 function, side discharge as well as mulching insert and multi-blade for small to medium-sized lawns in noise-sensitive environments. Sheet steel housing with EC motor, additional battery transport slot, central cut-height adjustment and folding 2-setting height-adjustable comfort handlebar. Including folding 52-litre grass catcher box with fill-level indicator. For more information on features and technical details, see page 236.

**RMA 243** excluding battery and charger  
Order number **WA20 011 1400**

**RMA 243 set** with AK 20 and AL 101  
Order number **WA20 011 1410**



AK 30 S

**NEW - AVAILABLE FROM SPRING 2024**  
**RMA 248 T**  
36 V • 29.0 kg<sup>①</sup>



Battery lawn mower with 46 cm cutting width, 4-in-1 function, side discharge as well as mulching insert and multi-blade for medium-sized lawns in noise-sensitive environments. Sheet steel housing with EC motor, additional battery transport slot and single-gear wheel drive for convenient working. Central cut-height adjustment, folding 2-setting height-adjustable comfort handlebar. Including folding 52-litre grass catcher box with fill-level indicator. For more information on features and technical details, see page 236.

**RMA 248 T** excluding battery and charger  
Order number **WA21 011 1410**

**RMA 248 T set** with AK 30 S and AL 101  
Order number **WA21 011 1430**

**Additional versions:**

**RMA 248** excluding battery and charger **WA21 011 1400**

**RMA 248 set** with AK 20 and AL 101 **WA21 011 1420**

C = Comfort version      ① Weight excluding battery  
T = single-gear wheel drive      ② For explanation of symbols, see page 482

**NEW**  
AVAILABLE FROM  
SPRING 2024

### RMA 253 T

36 V • 30.0 kg<sup>①</sup>



Large battery lawn mower with 51 cm cutting width, 4-in-1 function, side discharge as well as mulching insert and multi-blade for medium-sized lawns in noise-sensitive areas. Sheet steel housing with EC motor, additional battery transport slot and single-gear wheel drive for convenient working. Central cut-height adjustment, folding 2-setting height-adjustable comfort handlebar. Including folding 55-litre grass catcher box with fill-level indicator. For more information on features and technical details, see page 236.

RMA 253 T excluding battery and charger

Order number **WA22 011 1410**

RMA 253 T set with AK 30 S and AL 101

Order number **WA22 011 1430**

**Additional versions:**

RMA 253 excluding battery and charger **WA22 011 1400**

RMA 253 set with AK 30 S and AL 101 **WA22 011 1420**

**NEW**  
AVAILABLE FROM  
SPRING 2024

### RMA 443 V

36 V • 26.0 kg<sup>①</sup>



Compact battery lawn mower with a 41 cm cutting width, 4-in-1 function, side discharge as well as mulcher and multi-blade for medium-sized lawns with lots of awkward corners. Plastic housing with plastic abrasion strips, central cut-height adjustment, as well as folding 2-setting height-adjustable comfort handlebar. With flow-optimised blade and automatic speed control for longer battery life. Electric Vario wheel drive for comfortable work. Including folding 52-litre grass catcher box with fill-level indicator. For more information on features and technical details, see page 236.

RMA 443 V excluding battery and charger

Order number **WA40 011 1420**

RMA 443 V set with AK 30 S and AL 101

Order number **WA40 011 1440**

**Additional versions:**

RMA 443 excluding battery and charger **WA40 011 1400**

RMA 443 set with AK 30 S and AL 101 **WA40 011 1435**

**NEW**  
AVAILABLE FROM  
SPRING 2024

### RMA 448 V

36 V • 27.0 kg<sup>①</sup>



Powerful battery lawn mower with 46 cm cutting width, 4-in-1 function, side discharge, as well as mulcher and multi-blade for medium-sized lawns. Plastic housing with plastic abrasion strips, central cut-height adjustment, as well as folding 2-setting height-adjustable comfort handlebar. With flow-optimised blade and automatic speed control for longer battery life. Electric Vario wheel drive for comfortable work. Including folding 52-litre grass catcher box with fill-level indicator. For more information on features and technical details, see page 238.

RMA 448 V excluding battery and charger

Order number **WA41 011 1400**

RMA 448 V set with AK 30 S and AL 101

Order number **WA41 011 1430**

### RMA 460

36 V • 25.0 kg<sup>①</sup>



Highly maneuverable and efficient battery lawn mower with a 46 cm cutting width for small and medium-sized areas of lawn. With central cut-height adjustment and easily adjustable handle bar for user comfort. Usable for four applications: mowing, mulching, catching and grass side discharge. With robust steel housing, optional Eco mode, additional battery transportation slot and 60-litre textile grass catcher box. For more information on features and technical details, see page 238.

RMA 460 excluding battery and charger

Order number **6368 011 1402**



### RLA 240

36 V • 15.0 kg<sup>①</sup>



Compact battery aerator for scarifying and combing smaller areas of lawn. Central adjustment of the working depth by means of a rotary switch on the housing, handlebar with 4-setting height adjustment, 34 cm working width, 16 blades. Including an aerator roller and 50-litre grass catcher box. For more information on features and technical details, see page 241.

RLA 240 excluding battery and charger

Order number **6291 011 6600**

RLA 240 set with AK 30 and AL 101

Order number **6291 200 0006**

RLA 240 set with 2 × AK 30 and AL 101

Order number **6291 200 0003**

### SHAFT EXTENSIONS

For simple extension of reach by 50 cm. Made of aluminium.



For HLA 56, weight 500 g  
Order number HA01 820 5000



For HTA 50, weight 465 g  
Order number LA02 820 5000

### PROTECTIVE FEET

For protecting the power tool and battery from direct contact with the ground.



For HLA 56 and HTA 50  
Order number HA01 007 1000



NEW For KMA 80 R and KMA 120 R  
Order number FA08 007 1001



### COLLECTION BAG ATTACHMENT SET

45 l. Reduces tool weight for fatigue-free working. Attachment set including collection bag, elbow and adapter. Tool-free mounting possible.



For SHA 56  
Order number SA02 007 1000

### BATTERY CARRY BAG

Easy-to-carry, lightweight, hard-wearing bag for clean storage of STIHL battery tools accessories, e.g. for two batteries with a charger.



Order number 0000 881 0520

### COVER FOR THE AK-SYSTEM BATTERY SLOT

To cover the battery slot on STIHL AK-System power tools (apart from the RMA 235, RMA 239, RMA 243, RMA 248, RMA 253, RMA 443, RMA 448 and RLA 240). Protects against dust and dirt during longer periods of storage.



Order number 4520 602 0900

### NEW TIMBERSPORTS® EDITION CHAINSAW BAG

Flexible, durable bag made from water-resistant material in the TIMBERSPORTS® design for tidy storage and transport of chainsaws and accessories. Suitable for bar lengths up to 50 cm, base panel for increased stability, practical internal pockets for accessories such as batteries, charger, chains, marker sprays and more. The contents shown are not included with the bag.



Order number 0000 900 4300

! Only while stocks last!

### AK BATTERIES

Compatible with the STIHL AK-System. Lightweight lithium-ion batteries with charge-level indicator (four LEDs). Available with different power capacities.



AK 10 72 Wh battery power, 0.8 kg<sup>ⓐ</sup>  
Order number 4520 400 6530

AK 20 144 Wh battery power, 1.2 kg<sup>ⓐ</sup>  
Order number 4520 400 6535

! AK 30 180 Wh battery power, 1.3 kg<sup>ⓐ</sup>  
Order number 4520 400 6540

NEW AK 30 S<sup>ⓑ</sup> 180 Wh battery power, 1.3 kg<sup>ⓐ</sup>  
Order number 4520 400 6545

### AL 101 STANDARD CHARGER

230 V. compatible with STIHL AK and AP batteries. Overnight charging of multiple batteries possible on one electric fuse. With charge-level indicator (LED). Cable tie with Velcro tape. Wall-mounting possible.



Order number 4850 430 2520

### AL 301 QUICK CHARGER

230 V. For shorter charge times for STIHL AK, AP and AR L batteries. Wall attachment and cable winding device in the casing base. With LED operating mode indicator and active battery cooling.



Order number EA09 430 5500



### PROFESSIONAL TIP

#### FROM CHARGING TO STORAGE: HOW TO HANDLE BATTERIES CORRECTLY.

Charging our lithium-ion batteries is an easy, fast process. All you need to do is observe a few simple rules: Batteries should always be charged at room temperature where possible. There is no need to warm them up on a radiator - in fact, doing this could actually damage the battery. If you wish to charge your battery outdoors, please ensure that the battery is not exposed to direct sunlight while it charges. In addition, it is normally sufficient to charge the battery to around 80% of its capacity. This can save you time when you need to charge it quickly.

You should also ensure that the temperature is right when transporting and storing batteries: moderate temperatures (ideally around 20°C) are best. For storage, we recommend charging or discharging the battery until two LED lights are illuminated. This charge level has been found to be ideal for battery storage.



BATTERY POWER <sup>ⓐ</sup>		72 Wh	144 Wh	180 Wh
BATTERY CHARGING TIMES, CAPACITY: 80% / 100%				
AL 101		70/95 min	135/180 min	160/205 min
AL 301		25/40 min	30/50 min	35/60 min

ⓐ Increased maximum battery performance capacity

ⓑ Power capacity according to the specifications of the cell manufacturer The actual power capacity available during operation is lower, to increase service life





**BATTERY RANGE<sup>Ⓞ</sup> (EXAMPLE USE) AND WORKING TIME PER BATTERY CHARGE<sup>Ⓞ</sup> (up to...)**

<b>MSA 60 C-B</b>		When sawing square timber (10 × 10 cm): up to...		18 min 60 cuts	40 min 160 cuts	55 min 190 cuts
<b>MSA 70 C-B</b>		When sawing square timber (10 × 10 cm): up to...		18 min 60 cuts	40 min 160 cuts	45 min 210 cuts
<b>HSA 50</b>		Up to... of hedge		50 min 175 m <sup>2</sup>	100 min 350 m <sup>2</sup>	130 min 420 m <sup>2</sup>
<b>HSA 60</b>		Up to... of hedge		70 min 220 m <sup>2</sup>	140 min 490 m <sup>2</sup>	175 min 560 m <sup>2</sup>
<b>HLA 56</b>		Up to... of hedge		50 min 190 m <sup>2</sup>	100 min 380 m <sup>2</sup>	120 min 460 m <sup>2</sup>
<b>HTA 50</b>		When sawing square timber (10 × 10 cm): up to...		25 min 80 cuts	45 min 170 cuts	60 min 220 cuts
<b>FSA 57</b> (with line mowing head)		Lawn edges: up to.../ Lawn: up to...		25 min 625 m / 125 m <sup>2</sup>	50 min 1,250 m / 250 m <sup>2</sup>	60 min 1,500 m / 300 m <sup>2</sup>
<b>FSA 60 R<sup>Ⓞ</sup></b> (with line mowing head)		Lawn edges: up to.../ Lawn: up to...		13 min 500 m / 100 m <sup>2</sup>	30 min 1,250 m / 250 m <sup>2</sup>	38 min 1,500 m / 300 m <sup>2</sup>
<b>FSA 80 R</b>	<b>NEW</b>	Lawn edges: up to.../ Lawn: up to...		12 - 8 min <sup>Ⓞ</sup> 500 m / 100 m <sup>2</sup>	25 - 15 min <sup>Ⓞ</sup> 1,250 m / 250 m <sup>2</sup>	30 - 20 min <sup>Ⓞ</sup> 1,500 m / 300 m <sup>2</sup>
<b>FSA 80</b>	<b>NEW</b>	Lawn edges: up to.../ Lawn: up to...		20 - 10 min <sup>Ⓞ</sup> 1,000 m / 200 m <sup>2</sup>	50 - 30 min <sup>Ⓞ</sup> 2,500 m / 500 m <sup>2</sup>	60 - 40 min <sup>Ⓞ</sup> 3,000 m / 600 m <sup>2</sup>
<b>BGA 57</b>		Dry leaves on asphalt: up to...		10 min 380 m <sup>2</sup>	22 min 760 m <sup>2</sup>	27 min 900 m <sup>2</sup>
<b>BGA 60</b>		Dry leaves on asphalt: up to...		9 min <sup>Ⓞ</sup> 380 m <sup>2</sup> Ⓞ	13 min <sup>Ⓞ</sup> 760 m <sup>2</sup> Ⓞ	16 min <sup>Ⓞ</sup> 900 m <sup>2</sup> Ⓞ
<b>SHA 56</b>		Dry leaves on asphalt in vacuum mode/blowing mode up to...		12 min 38 m <sup>2</sup> / 300 m <sup>2</sup>	25 min 75 m <sup>2</sup> / 600 m <sup>2</sup>	30 min 90 m <sup>2</sup> / 700 m <sup>2</sup>

! Only while stocks last! ■ Recommended battery ■ Reduced tool performance  
 Ⓞ The values provided are estimates and may vary depending on what is being cut or vacuumed  
 Ⓜ The battery working times and area specifications for each battery charge are estimates and may vary depending on how the tool is used and what is being cut or vacuumed



**BATTERY RANGE<sup>Ⓞ</sup> (EXAMPLE USE) AND WORKING TIME PER BATTERY CHARGE<sup>Ⓞ</sup> (up to...)**

<b>KMA 80 R</b> (with FS-KM installation and grass-cutting blade)	<b>NEW</b>	Lawn edges: up to.../ Lawn: up to...		20 - 10 min <sup>Ⓞ</sup> 1,000 m / 200 m <sup>2</sup>	40 - 20 min <sup>Ⓞ</sup> 2,500 m / 500 m <sup>2</sup>	50 - 30 min <sup>Ⓞ</sup> 3,000 m / 600 m <sup>2</sup>
<b>RMA 235</b>	<b>NEW</b>	Lawn: up to...		150 m <sup>2</sup>	300 m <sup>2</sup>	400 m <sup>2</sup>
<b>RMA 239</b>	<b>NEW</b>	Lawn: up to...		120 m <sup>2</sup>	250 m <sup>2</sup>	330 m <sup>2</sup>
<b>RMA 239 C</b>	<b>NEW</b>	Lawn: up to...		120 m <sup>2</sup>	250 m <sup>2</sup>	330 m <sup>2</sup>
<b>RMA 243<sup>Ⓞ</sup></b>	<b>NEW<sup>Ⓞ</sup></b>	Lawn: up to...		115 m <sup>2</sup>	230 m <sup>2</sup>	300 m <sup>2</sup>
<b>RMA 248<sup>Ⓞ</sup></b>	<b>NEW<sup>Ⓞ</sup></b>	Lawn: up to...		110 m <sup>2</sup>	220 m <sup>2</sup>	285 m <sup>2</sup>
<b>RMA 248 T<sup>Ⓞ</sup></b>	<b>NEW<sup>Ⓞ</sup></b>	Lawn: up to...		130 m <sup>2</sup>	260 m <sup>2</sup>	340 m <sup>2</sup>
<b>RMA 253<sup>Ⓞ</sup></b>	<b>NEW<sup>Ⓞ</sup></b>	Lawn: up to...		105 m <sup>2</sup>	210 m <sup>2</sup>	275 m <sup>2</sup>
<b>RMA 253 T<sup>Ⓞ</sup></b>	<b>NEW<sup>Ⓞ</sup></b>	Lawn: up to...		125 m <sup>2</sup>	250 m <sup>2</sup>	325 m <sup>2</sup>
<b>RMA 443<sup>Ⓞ</sup></b>	<b>NEW<sup>Ⓞ</sup></b>	Lawn: up to...		115 m <sup>2</sup>	230 m <sup>2</sup>	300 m <sup>2</sup>
<b>RMA 443 V<sup>Ⓞ</sup></b>	<b>NEW<sup>Ⓞ</sup></b>	Lawn: up to...		135 m <sup>2</sup>	270 m <sup>2</sup>	350 m <sup>2</sup>
<b>RMA 448 V<sup>Ⓞ</sup></b>	<b>NEW<sup>Ⓞ</sup></b>	Lawn: up to...		130 m <sup>2</sup>	260 m <sup>2</sup>	340 m <sup>2</sup>
<b>RMA 460</b>		Lawn: up to...		120 m <sup>2</sup>	200 m <sup>2</sup> / 168 m <sup>2</sup>	265 m <sup>2</sup> / 218 m <sup>2</sup>
<b>RLA 240</b>		Lawn: up to...		96 m <sup>2</sup> Ⓞ	190 m <sup>2</sup> Ⓞ	250 m <sup>2</sup> Ⓞ

Ⓞ With higher output power tools, the same work is completed more quickly, e.g. with the FSA 60 R compared to the FSA 57  
 Ⓞ Level 1 - Level 2  
 Ⓞ In Boost mode  
 Ⓞ Full performance capacity only achieved with AK 30 S  
 Ⓞ When working in an area, only move the tool in one direction (no crossing-over)  
 Ⓞ Available from spring 2024



# AS-SYSTEM

## COMPLETE A RANGE OF GARDEN JOBS WITH EASE

The compact and easy-to-handle power tools in the AS-System are perfect for occasional work outside the house and in garden maintenance. The power you need is delivered reliably by a replaceable AS 2 battery.



**GTA 26**  
10.8 V • 1.2 kg<sup>①</sup>

Battery garden pruner with a wide range of uses. For pruning trees and shrubs, cutting up garden waste, and building with wood. With a 1/4"-PM3 saw chain for high cutting power and performance. Non-slip control handle for outstanding ergonomics. Tool-free chain replacement and flexible protective hood for safe work, with charge-level indicator. The GTA 26 is available in a set or as a standalone tool. For more information on features and technical details, see page 465.

- Included in the set:**
- 1 × AS 2 lithium-ion battery, 28 Wh, 10.8 V
  - 1 × AL 1 standard charger
  - 1 × Light guide bar, 10 cm
  - 1 × 1/4"-PM3 saw chain, 10 cm
  - 1 × Multioil Bio, 50 ml
  - 1 × black/orange carry bag with eyelets for wall mounting

**GTA 26** excluding battery, charger and carry bag, including Multioil Bio, 50 ml  
Bar length **10 cm**  
Order number **GA01 011 6900**

**GTA 26 set** with AS 2 and AL 1  
Bar length **10 cm**  
Order number **GA01 011 6910**



### NEW EXTENSION

Extends reach by 150 cm, ergonomic handle arrangement and stable guidance of the GTA 26. With integrated branch hook that can be fitted to the GTA 26 without the use of tools, made from aluminium. Weight: 1.3 kg.

For GTA 26  
Order number **GA01 820 5000**



### HOLSTER

Enables you to carry the GTA 26 on your belt for quick access to the tool when working. The adjustable leg strap secures the holster on your thigh for more comfortable wear. The additional flap holds the GTA 26 securely in the holster

For GTA 26  
Order number **GA01 490 1700**



## PAGE 129 CUT KIT 1

With the STIHL Cut Kit 1, you can proactively ensure that your STIHL GTA 26 battery garden pruner delivers a consistently high cutting performance.



**HSA 26**  
10.8 V • 0.8 kg<sup>①</sup>

Compact battery shrub shears with shrub cutter for trimming and maintaining smaller evergreen hedges and small-leaved ornamental trees. Shrub cutter with optimised STIHL cutter geometry for an optimum cutting experience. With grass trimmer, also suitable for cutting lawn edges. Non-slip control handle for perfect ergonomics, rapid, tool-free blade change, and battery charge-level indicator so you can keep an eye on the remaining battery capacity at all times. The AS 2 battery works exclusively with the products in the AS-System and is not compatible with the HSA 25. The HSA 26 is available in a set or as a standalone tool. For more information on features and technical details, see page 158.

- Included in the set:**
- 1 × AS 2 lithium-ion battery, 28 Wh, 10.8 V
  - 1 × AL 1 standard charger
  - 1 × shrub cutter, cutting length of 20 cm, including blade scabbard
  - 1 × grass trimmer, cutting width of 12 cm, including blade scabbard
  - 1 × black/orange carry bag with eyelets for wall mounting

**HSA 26** excluding battery, charger and carry bag, including shrub cutter and grass trimmer  
Bar length **20 cm**  
Order number **HA03 011 3500**

**HSA set** with AS 2 and AL 1  
Bar length **20 cm**  
Order number **HA03 011 3506**



### TELESCOPIC SHAFT

Facilitates ergonomic working in an upright position with the HSA 26. Easy and rapid connection with the HSA 26 well as easy changeover of the AS 2 battery in the handle. Telescopic adjustment on an infinitely variable basis, from 95-110 cm, working angle that can be adjusted through 125°, smooth-running rollers, softgrip handle. The telescopic shaft only fits the HSA 26 and is not compatible with the GTA 26 or the HSA 25.

For HSA 26  
Order number **HA03 710 7100**



**NEW HSA 30**  
10.8 V • 2.0 kg<sup>①</sup>

Ultralight, ergonomic battery hedge trimmer with good cutting performance, for trimming shrubs and hedges in your home's outdoor spaces. 45 cm bar length. Laser-cut, diamond-ground blade with 22 mm tooth spacing, integrated cut protection, screw-on tip protector, replaceable AS 2 lithium-ion battery with charge-level indicator. For more information on features and technical details, see page 158.

**HSA 30** excluding battery and charger, including shrub cutter  
Bar length **45 cm**  
Order number **HA08 011 3500**

**HSA 30 set** with AS 2 and AL 1  
Bar length **45 cm**  
Order number **HA08 011 3506**

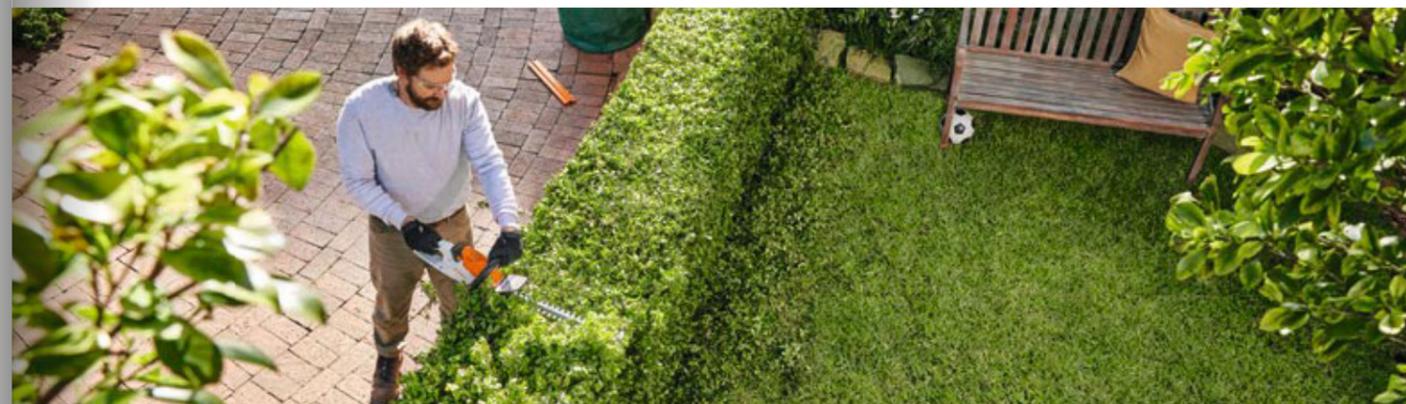


**NEW HSA 40**  
10.8 V • 2.1 kg<sup>①</sup>

A very light, ergonomic battery hedge trimmer with good cutting performance, for trimming shrubs and hedges in your home's outdoor spaces. 50 cm bar length. Laser-cut, diamond-ground blade with 24 mm tooth spacing, integrated cut protection, screw-on tip protector, replaceable AS 2 lithium-ion battery with charge-level indicator. For more information on features and technical details, see page 158.

**HSA 40** excluding battery and charger, including shrub cutter  
Bar length **50 cm**  
Order number **HA08 011 3520**

**HSA 40 set** with 2 × AS 2 and AL 1  
Bar length **50 cm**  
Order number **HA08 011 3526**



① Weight excluding battery, including shrub cutter  
② Weight excluding battery, including cutting attachment

For explanation of symbols, see page 482



**NEW**  
**FSA 30**  
10.8 V • 0.24 kW<sup>①</sup> • 2.1 kg<sup>②</sup>

The first battery trimmer in the AS-System to make straight-forward work of trimming and clearing in outdoor domestic areas. Compact design, replaceable AS 2 lithium-ion battery (28 Wh) with charge-level indicator, telescopic shaft and tool-free loop handle adjustment. Folding spacer bracket, adjustable working angle for mower unit, additional mower head pivotable up to 90° for vertical edging. Switch easily between the PolyCut 3-2 and the optional line mowing head; up to 6 spare blades can be carried directly on the machine. For more information on features and technical details, see page 276.

**FSA 30** excluding battery and charger  
Order number **FA10 011 5700**

**FSA 30 set** with AS 2 and AL 1  
Order number **FA10 011 5710**

**FSA 30 set** with 2 × AS 2 and AL 1  
Order number **FA10 011 5720**



PAGE **282**

**POLYCUT 3-2 MOWING HEAD**

The PolyCut 3-2 mowing head is the ideal choice for efficient mowing of mid-height grass and precise lawn edge maintenance. The cutting tool is equipped with two robust, moving plastic blades that can be easily switched without the use of additional tools.

① Further comparison values for petrol-driven brushcutters are available on page 276  
② Weight excluding battery and cutting tool  
③ Weight excluding battery and nozzles  
④ For explanation of symbols, see page 482



**SEA 20**  
10.8 V • 1.1 kg<sup>③</sup>

Practical battery hand vacuum for vacuuming and cleaning smaller dry areas in the garage, workshop or car. With removable collection container for easy emptying and cleaning. Crevice nozzle and universal nozzle with removable bristle attachment for a range of applications. The locking solution enables continuous operation without needing to keep the control lever pressed down. Excellent filtering effect due to a two-level filter system. The charge level of the AS 2 battery can be viewed on an LED display at the press of a button. The SEA 20 is available in a set or as a standalone tool. For more information on features and technical details, see page 382.

**Included in the set:**

- 1 × AS 2 lithium-ion battery, 28 Wh, 10.8 V
- 1 × AL 1 standard charger
- 1 × crevice nozzle
- 1 × universal nozzle with removable bristle attachment
- 1 × extension hose, 49 cm
- 1 × vacuum hose
- 1 × carry bag

**SEA 20** excluding battery and charger, including nozzles and carry bag  
Order number **SA03 011 7300**

**SEA set** with AS 2 and AL 1  
Order number **SA03 011 7310**



**SET OF MINI NOZZLES**

Accessory set for the SEA 20 battery hand vacuum consisting of three extension hoses and nozzles that can be combined with one another. For cleaning particularly tight or difficult-to-access spots such as gaps between radiator bars.

**Included in the set:**

- 1 × adapter
- 2 × extension hose
- 3 × nozzle
- 1 × storage bag

**For SEA 20**  
Order number **SA03 007 1000**

① Power capacity according to the specifications of the cell manufacturer. The power capacity available during operation is lower, to increase service life  
② The values provided are estimates and may vary depending on the actual cutting work done



**AS 2 BATTERY**

Lightweight, compact and powerful 10.8 V battery. Compatible with all 10.8 V power tools from the STIHL AS-System (not HSA 25). 28 Wh battery power<sup>①</sup>, weight: 0.2 kg. IPX4 certified.

Order number **EA02 400 6500**



**AL 1 STANDARD CHARGER**

230 V. Compatible with the STIHL AS 2 battery. With charge-level indicator (flashing LED pattern). Cable tie with Velcro tape. Wall-mounting possible.

Order number **EA03 430 2500**



AS 2

28 Wh

**BATTERY POWER<sup>①</sup>**  
**BATTERY CHARGING TIMES, CAPACITY: 80% / 100%**



60 min / 80 min

**BATTERY RANGE<sup>②</sup> (EXAMPLE USE)** **WORKING HOURS PER BATTERY CHARGE<sup>③</sup> (up to...)**

<b>GTA 26</b>	When sawing branches (Ø 4 cm) up to...	80 cuts	25 min
<b>HSA 26</b>	Trim up to...	30 boxwood balls	110 min
<b>NEW HSA 30</b>	Up to... of hedge	50 m <sup>2</sup>	50 min
<b>NEW HSA 40</b>	Up to... of hedge	80 m <sup>2</sup> ④	80 min <sup>⑤</sup>
<b>NEW FSA 30</b>	Lawn edges: up to... / Lawn: up to...	200 m / 45 m <sup>2</sup>	19 min
<b>SEA 20</b>	-	-	14 min

① The battery working times and area specifications for each battery charge are estimates and may vary depending on how the tool is used and what is being cut  
② Refers to two AS 2 batteries



# AI-LINE



## GET SMALL GARDEN JOBS DONE AT A MOMENT'S NOTICE

With the quick and easy-to-operate power tools in the AI-Line, you will be fantastically well equipped to deal with tasks in your garden. To charge the integrated battery, the power tool simply needs to be connected to a wall socket.



### HSA 45

18 V • 2.3 kg<sup>①</sup>



A very light battery hedge trimmer with good cutting performance, for trimming shrubs and hedges in your home's outdoor spaces. Single-sided cutting blade with 24 mm tooth spacing, integrated cut protection, screw-on tip protector, integrated lithium-ion battery (36 Wh) with charge-level indicator. Battery charging time 145 min / 210 min (80% / 100%). For more information on features and technical details, see page 158.

Bar length **50 cm**  
Order number **4511 011 3520**



### BGA 45

18 V • 5 N<sup>②</sup> • 2.2 kg<sup>①</sup>



Easy-to-maneuvre battery blower for cleaning small outdoor areas at home. Round nozzle, integrated lithium-ion battery (45 Wh) with charge-level indicator. Battery charging time 210 min / 300 min (80% / 100%). For more information on features and technical details, see page 346.

Order number **4513 011 5900**



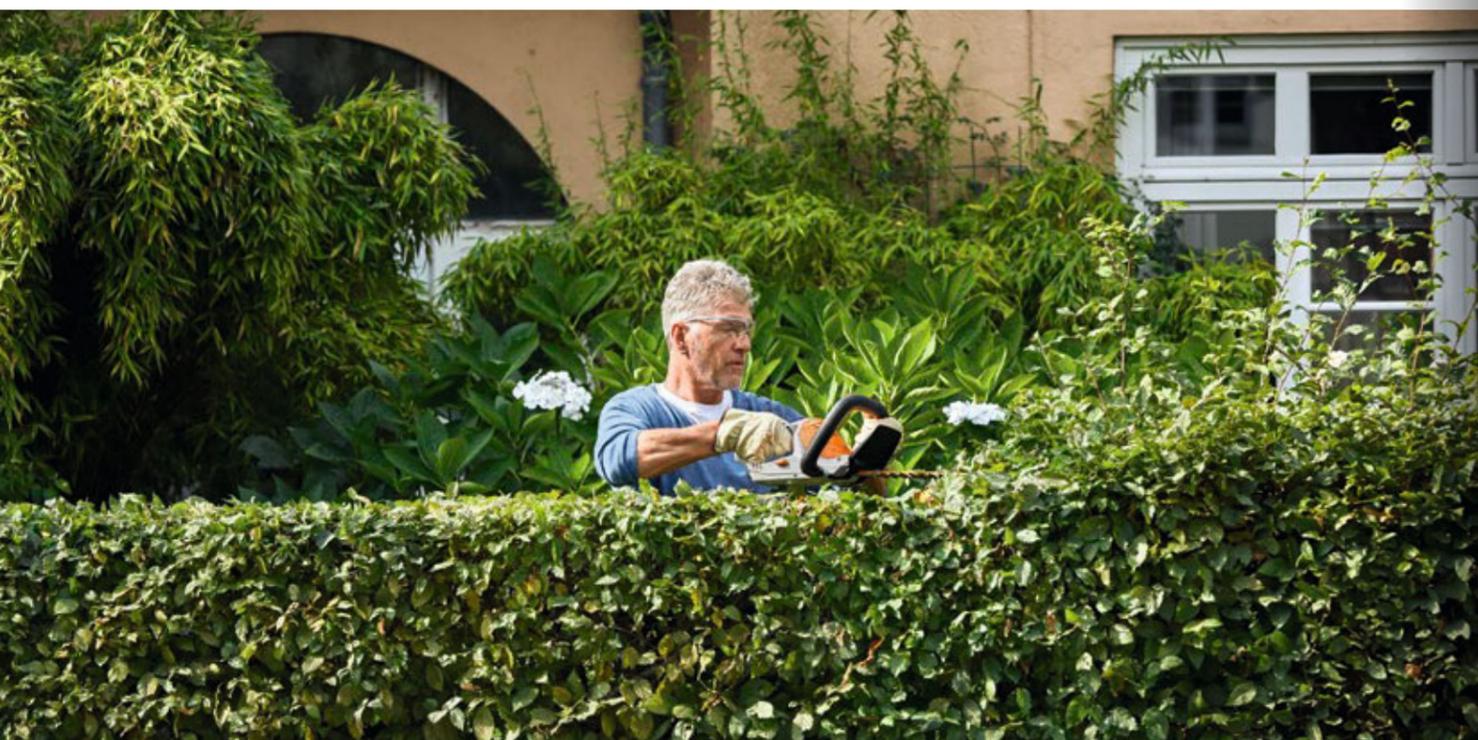
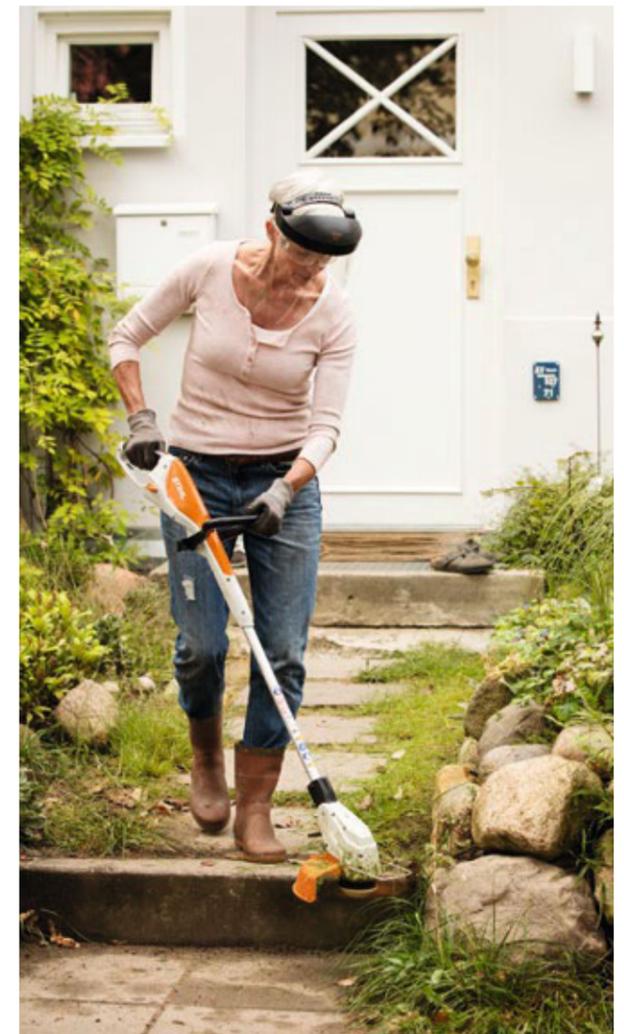
### FSA 45

18 V • 0.24 kW<sup>③</sup> • 2.3 kg<sup>①</sup>



Compact battery brushcutter to make straightforward work of trimming and clearing in outdoor domestic areas. Integrated lithium-ion battery (36 Wh) with charge-level indicator, shaft and loop handle that can be adjusted without using tools, adjustable mowing unit working angle, including to facilitate vertical edge trimming, easy to change between the PolyCut blade and mowing line without changing the mowing head, spacer bracket. Battery charging time 145 min / 210 min (80% / 100%). For more information on features and technical details, see page 276.

Order number **4512 011 5700**



BATTERY RANGE <sup>④</sup> (EXAMPLE USE)		WORKING HOURS PER BATTERY CHARGE <sup>⑤</sup> (up to...)	
<b>HSA 45</b> 	Up to... of hedge 	80 m <sup>2</sup>	40 min
<b>BGA 45</b> 	Dry leaves on asphalt: up to... 	200 m <sup>2</sup>	10 min
<b>FSA 45</b> 	Lawn edges: up to... / Lawn: up to... 	250 m / 50 m <sup>2</sup>	20 min / 12 min

① Weight including battery  
 ② Power given in Newton (N) for comparison of blower outputs  
 ③ For explanation of symbols, see page 482

④ Further comparison values for petrol-driven brushcutters are available on page 276  
 ⑤ The values provided are estimates and may vary depending on the actual cutting work done  
 ⑥ The battery working times and area specifications for each battery charge are estimates and may vary depending on how the tool is used and what is being cut





# SAWING AND CUTTING



CHAINSAWS



POLE PRUNERS



CUTTING ATTACHMENTS



HEDGE TRIMMERS



LONG-REACH  
HEDGE TRIMMERS



KOMBISYSTEM



MULTISYSTEM



CONCRETE CUTTERS



CUT-OFF MACHINES

## MASTER EVERY TASK WITH OUR POWER AND PRECISION.

---

Chainsaws for domestic use	<b>79</b>	Electric chainsaws	<b>97</b>
Chainsaws for agriculture and horticulture	<b>83</b>	Accessories and parts for chainsaws	<b>99</b>
Chainsaws for forestry work	<b>86</b>	Pole pruners, accessories and parts	<b>104</b>
Chainsaws with carbide saw chains	<b>91</b>	Saw chains	<b>124</b>
Arborist saws	<b>93</b>	Guide bars	<b>130</b>
Carving saws	<b>95</b>	Tools for maintaining cutting attachments	<b>140</b>
Emergency services saws	<b>96</b>		

## CHAINSAWS IN DETAIL



### TECHNOLOGY

- 01 AIR FILTER SYSTEM WITH AIR ROUTING**  
Offers a significantly longer filter service life in comparison with traditional air filter systems.
- 02 HD2 FILTER**  
Keeps even the finest dust away from the engine, ensuring a particularly long service life. Easy to wash clean.
- 03 STIHL M-TRONIC**  
 When cold starting, you only need to use a single start position on the combi-lever. Makes full throttle possible immediately after starting. Calculates the amount of fuel required and supplies it in line with requirements
- 04 CONTROLLED-DELIVERY OIL PUMP**  
Allows the user to select just the right amount of oil for the task at hand.
- 05 STIHL INJECTION**  
 Injection stands for the ideal power-to-weight ratio, compact design, and optimum engine performance. Operation is easier than ever. The combi-lever is no longer needed - just press the stop button to switch off the device.

### CONVENIENCE

- 06 DECOMPRESSION VALVE**  
Reduces the starting power needed, making it easier to start the chainsaw.
- 07 STIHL ELASTOSTART**  
The special shock absorber grip means a smooth start-up process without sudden load peaks.
- 08 TOOL-FREE FUEL CAP**  
Enables the user to open and close the tank cap quickly, easily and without tools.
- 09 STIHL ERGOSTART**  
Ensures comfortable and effortless starting, without needing to jerk the cord - the spring between the start-up pulley and the crankshaft does the work during start-up.
- 10 STIHL QUICK CHAIN TENSIONING**  
With STIHL Quick Chain Tensioning, it's easy to adjust the saw chain, with no need for tools and without coming into contact with the sharp saw chain itself. Just release the sprocket cover and turn the adjusting wheel to set the optimum tension.

Please note that not all products are equipped with the features presented here. Only the most important features are described on this page. For further explanations and information, see from page 482 and online at [stihl.com](http://stihl.com).

## CHAINSAWS FOR DOMESTIC USE

- For domestic garden work and skilled manual jobs
- Excellent for cutting firewood
- For grounds maintenance
- For felling small trees
- For building with wood.



**NEW**  
**MSA 60 C-B**  
36 V · 0.9 kW<sup>Ⓞ</sup> · 2.5<sup>Ⓞ</sup> / 2.9 kg<sup>Ⓞ</sup>

Easy- and convenient-to-use battery chainsaw for occasional grounds maintenance and straightforward but skilled manual jobs. 1/4"-PM3 saw chain for excellent cutting performance and a clean cut, ergonomic control lever with potentiometer function for infinitely variable speed control, STIHL chain tensioning for tool-free tensioning of the saw chain, transparent oil tank for easy visual checking of the fill level.

**MSA 60 C-B** excluding battery and charger<sup>Ⓞ</sup>  
Bar length **30 cm**  
Order number **MA04 011 5800**

**MSA 60 C-B set** with AK 20 and AL 101<sup>Ⓞ</sup>  
Bar length **30 cm**  
Order number **MA04 011 5806**



**NEW**  
**MSA 70 C-B**  
36 V · 1.1 kW<sup>Ⓞ</sup> · 2.5<sup>Ⓞ</sup> / 2.9 kg<sup>Ⓞ</sup>

Lightweight and comfortable battery chainsaw with 25 % more cutting performance than the MSA 60 C-B. Ideal for occasional grounds maintenance, cutting logs on the ground and straightforward but skilled manual jobs. 1/4"-PM3 saw chain for excellent cutting performance and a clean cut, ergonomic control lever with potentiometer function for infinitely variable speed control, STIHL chain tensioning for tool-free tensioning of the saw chain, transparent oil tank for easy visual checking of the fill level.

**MSA 70 C-B** excluding battery and charger<sup>Ⓞ</sup>  
Bar length **30 cm**  
Order number **MA04 011 5816**

**MSA 70 C-B set** with AK 30 and AL 101<sup>Ⓞ</sup>  
Bar length **30 cm**  
Order number **MA04 011 5822**

B = STIHL Quick Chain Tensioning  
C = Comfort version

Ⓞ Further comparison values for petrol-driven chainsaws are available on page 114  
Ⓞ Weight excluding battery, guide bar and saw chain  
Ⓞ Weight excluding battery, including guide bar and saw chain

Ⓞ With guide bar and saw chain  
Ⓞ For explanation of symbols, see page 482



## TIME FOR THE OUTDOORS. WITH THE NEW STIHL CHAINSAWS



For tasks from cutting firewood to grounds maintenance or felling smaller trees, you're sure to find the perfect chainsaw for your needs among our MS 162, MS 172, MS 182 and MS 212 basic models. Equipped with a STIHL 2-MIX engine, STIHL anti-vibration system and single-lever control, each of these models offers the ideal combination of power, reliability and effortless operation. The MS 162 and MS 172 deliver proven STIHL quality at an attractive price-performance ratio, while the MS 182 and MS 212 offer long maintenance intervals along with additional comfort.



### NEW MS 162

30.1 cm<sup>3</sup> • 1.2 kW / 1.6 hp • 4.5 kg<sup>Ⓞ</sup>

Entry-level model for cutting firewood and smaller maintenance tasks. With a powerful STIHL 2-MIX engine, side-mounted chain tensioning, STIHL anti-vibration system and combi-lever with stop function to make it easier to restart the warm chainsaw after a brief pause. Single-lever control enables all functions such as start, run and stop, to be operated with just one hand

Bar length **30 cm**  
Order number **1148 200 0000**

**Additional versions:**  
MS 162 C-BE 30 cm 1148 200 0001



### NEW MS 172

31.8 cm<sup>3</sup> • 1.4 kW / 1.9 hp • 4.5 kg<sup>Ⓞ</sup>

Compact chainsaw for grounds maintenance. With powerful STIHL 2-MIX engine and 3/8"-PM3 saw chain for excellent cutting performance and precise cuts. STIHL anti-vibration for low-fatigue working, side-mounted chain tensioning for safe re-tensioning of the saw chain, combi-lever with stop function to make it easier to restart the warm chainsaw after a brief pause in work. Convenient single-lever control to enable all functions, such as start, run and stop, to be operated with just one hand.

Bar length **35 cm**  
Order number **1148 200 0241**

**Additional versions:**  
MS 172 C-BE 35 cm 1148 200 0242



### NEW MS 182

35.8 cm<sup>3</sup> • 1.6 kW / 2.2 hp • 4.6 kg<sup>Ⓞ</sup>

Compact, versatile chainsaw for private grounds maintenance and gardening and landscaping work or skilled manual jobs. With powerful STIHL 2-MIX engine for very good cutting performance, STIHL anti-vibration system for low-fatigue working, side-mounted chain tensioning for easy and safe re-tensioning of the saw chain, tool-free fuel cap as well as sturdy metal bumper spikes for a precise cut. Convenient single-lever control for easy control of all functions with just one hand.

Bar length **35 cm**  
Order number **1148 200 0059**

**Additional versions:**  
MS 182 C-BE 35 cm 1148 200 0099



### NEW MS 212

38.6 cm<sup>3</sup> • 1.8 kW / 2.4 hp • 4.6 kg<sup>Ⓞ</sup>

Powerful and versatile chainsaw for private grounds maintenance, gardening and landscaping, as well as building with wood or felling smaller trees. The STIHL 2-MIX engine ensures good cutting performance with low fuel consumption. With STIHL anti-vibration system, side-mounted chain tensioning, tool-free fuel cap, combi-lever with stop function and single-lever control for easy, convenient handling of the chainsaw. Sturdy metal bumper spikes to ensure the saw grips the wood securely for a precise cut.

Bar length **35 cm**  
Order number **1148 200 0139**

**Additional versions:**  
MS 212 C-BE 35 cm 1148 200 0179



## APPROPRIATE FUELS AND LUBRICANTS

SEE FROM PAGE 404



PAGE **101**

## TIMBERSPORTS® EDITION CHAINSAW BAG

Ideal for tidy storage and transport of chainsaws and accessories, that's our flexible, durable bag made from water-resistant material in the TIMBERSPORTS® design.





**MS 230**

40.2 cm<sup>3</sup> • 2.0 kW / 2.7 hp • 4.6 kg<sup>①</sup>

Tough, powerful chainsaw with excellent power-to-weight ratio, STIHL anti-vibration system, tool-free fuel caps. Ideal for cutting firewood and building with wood. Great for felling small trees.

Bar length **30 cm**  
Order number **1123 200 0564**

Bar length 35 cm  
Order number 1123 200 0565

**Additional versions:**

<b>MS 230 C-BE</b>	<b>30 cm</b>	<b>1123 200 0566</b>
	35 cm	1123 200 0567



**MS 231**

42.6 cm<sup>3</sup> • 2.0 kW / 2.7 hp • 4.8 kg<sup>①</sup>

Great for cutting firewood. Side-mounted chain tensioning for safe and easy chain tensioning, air filter system with routing for long cleaning intervals, tool-free fuel caps for safe and easy refuelling.

Bar length **30 cm**  
Order number **1143 200 0216**

Bar length 35 cm  
Order number 1143 200 0217

**Additional versions:**

<b>MS 231 C-BE</b>	<b>30 cm</b>	<b>1143 200 0218</b>
	35 cm	1143 200 0219



**MS 250**

45.4 cm<sup>3</sup> • 2.3 kW / 3.1 hp • 4.6 kg<sup>①</sup>

Tough, powerful chainsaw with excellent power-to-weight ratio, STIHL anti-vibration system, tool-free fuel caps. Ideal for cutting firewood and building with wood. Great for felling small trees.

Bar length **30 cm**  
Order number **1123 200 0568**

Bar length 35 cm  
Order number 1123 200 0569

**Additional versions:**

<b>MS 250 C-BE</b>	<b>30 cm</b>	<b>1123 200 0331</b>
	35 cm	1123 200 0527



**MS 251**

45.6 cm<sup>3</sup> • 2.2 kW / 3.0 hp • 4.8 kg<sup>①</sup>

Suitable for harvesting firewood in the forest. Side-mounted chain tensioning, robust, durable cutting attachment with .325"-RM3 Pro saw chain and Light O4 guide bar.

Bar length **35 cm**  
Order number **1143 200 0672**

Bar length 40 cm  
Order number 1143 200 0673

**Additional versions:**

<b>MS 251 C-BE</b>	<b>35 cm</b>	<b>1143 200 0670</b>
	40 cm	1143 200 0671

B = STIHL Quick Chain Tensioning  
C = Comfort version  
E = STIHL ErgoStart

① Weight excluding fuel, guide bar and saw chain  
② Further comparison values for petrol-driven chainsaws are available on page 114  
③ Weight excluding battery, including guide bar and saw chain

④ With guide bar and saw chain  
⑤ For explanation of symbols, see page 482

# CHAINSAWS FOR AGRICULTURE AND HORTICULTURE

- For use in agriculture, landscape maintenance and skilled manual jobs
- For cutting firewood and timber



**NEW**  
**MSA 160 C-B**

36 V • 1.5 kW<sup>②</sup> • 3.1<sup>③</sup> / 3.5 kg<sup>④</sup>



Sturdy battery chainsaw suitable for a range of timber work in low-noise areas. Easy and comfortable to use. 1/4"-PM3 saw chain for excellent cutting performance and precise cutting, ergonomic control handle with potentiometer function for infinitely variable speed control, STIHL Quick Chain Tensioning, transparent oil tank with tool-free cap.

**MSA 160 C-B** excluding battery and charger<sup>⑤</sup>

Bar length **30 cm**  
Order number **MA03 200 0004**



**NEW**  
**MSA 200 C-B**

36 V • 1.8 kW<sup>②</sup> • 3.1<sup>③</sup> / 3.5 kg<sup>④</sup>



Powerful battery chainsaw with 20% more cutting performance compared with the MSA 160 C-B. Ideal for a range of timber work in low-noise areas. 1/4"-PM3 saw chain for rapid progress as you work and clean cutting, ergonomic control lever with potentiometer function for infinitely variable speed control, STIHL Quick Chain Tensioning and transparent oil tank with tool-free cap. Sturdy metal bumper spikes for precise guidance of the chainsaw on the wood.

**MSA 200 C-B** excluding battery and charger<sup>⑤</sup>

Bar length **35 cm**  
Order number **MA03 200 0010**





**APIII**  
SYSTEM  
AP 300 S

**NEW**  
**MSA 220 C-B**  
36 V • 2.1 kW<sup>①</sup> • 3.1<sup>②</sup> / 3.6 kg<sup>③</sup>



Robust, powerful battery chainsaw for versatile applications such as felling, pruning, cutting to length, building with wood and maintaining young tree stocks. With the STIHL 3/8"-PS3 Pro saw chain for optimised energy efficiency and up to 20% more cutting performance than the STIHL 3/8"-PS saw chain. Easy, convenient operation, ergonomic control lever with potentiometer function for infinitely variable speed control, STIHL Quick Chain Tensioning and transparent oil tank with tool-free cap. Sturdy metal bumper spikes for reliable and precise guidance of the chainsaw on wood.

**MSA 220 C-B** excluding battery and charger<sup>④</sup>  
Bar length **40 cm**  
Order number **MA03 200 0021**



**MS 194 C-E**  
31.8 cm<sup>3</sup> • 1.4 kW / 1.9 hp • 3.6 kg<sup>⑤</sup>

Lightweight STIHL chainsaw for tree maintenance and lopping work, as well as cutting firewood to length. STIHL ErgoStart and the fuel pump for easy and effortless starting. With a 3/8"-PM3 saw chain. High cutting performance due to the STIHL 2-MIX engine.

Bar length **30 cm**  
Order number **1137 200 0332**

Bar length **35 cm**  
Order number **1137 200 0408**



**MS 151 C-E**  
23.6 cm<sup>3</sup> • 1.1 kW / 1.5 hp • 2.8 kg<sup>⑥</sup>

Very lightweight STIHL chainsaw for cutting firewood to length, as well as for tree maintenance and lopping work. Ergonomic working without strain or tiredness. Effortless starting thanks to a manual fuel pump and STIHL ErgoStart. Easy-guidance 1/4" PM3 chain for a very precise cut. STIHL 2-MIX engine for high cutting performance.

Bar length **25 cm**  
Order number **1146 200 0054**

Bar length **30 cm**  
Order number **1146 200 0055**



**MS 271**  
50.2 cm<sup>3</sup> • 2.6 kW / 3.5 hp • 5.6 kg<sup>⑦</sup>

For harvesting firewood. Air filter system with routing for a long filter service life, tool-free fuel caps for safe and easy refuelling, fast servicing access thanks to one-piece engine cover. With a Light O4 guide bar in an innovative design as well as the .325" RM3 Pro saw chain for improved cutting performance.

Bar length **35 cm**  
Order number **1141 200 0644**

Bar length **40 cm**  
Order number **1141 200 0645**

**Additional versions:**  
**MS 271 C-BE** 35 cm 1141 200 0653  
40 cm 1141 200 0654



**MS 291**  
55.5 cm<sup>3</sup> • 2.8 kW / 3.8 hp • 5.6 kg<sup>⑧</sup>

Great for harvesting firewood. Air filter system with pre-filter routing for a long filter service life, tool-free fuel caps for safe and easy refuelling and 3/8"-RM3 saw chain for good cutting performance.

Bar length **35 cm**  
Order number **1141 200 0672**

Bar length **40 cm**  
Order number **1141 200 0669**

**Additional versions:**  
**MS 291 C-BE** 35 cm 1141 200 0671  
40 cm 1141 200 0670



**MS 311**  
59.0 cm<sup>3</sup> • 3.1 kW / 4.2 hp • 6.2 kg<sup>⑨</sup>

For felling in medium-sized stands. Air filter system with routing for very long filter service life and decompression valve for effortless starting.

Bar length **40 cm**  
Order number **1140 200 0725**

Bar length **45 cm**  
Order number **1140 200 0729**



**MS 310**  
59.0 cm<sup>3</sup> • 3.2 kW / 4.4 hp • 5.9 kg<sup>⑩</sup>

Great for harvesting wood in medium-density stands. STIHL anti-vibration system, side-mounted chain tensioning, decompression valve, tool-free fuel caps.

Bar length **37 cm**  
Order number **1127 200 0346**

Bar length **40 cm**  
Order number **1128 200 0347**



**MS 391**  
64.1 cm<sup>3</sup> • 3.3 kW / 4.5 hp • 6.2 kg<sup>⑪</sup>

Great for cutting firewood and for building with wood. Air filter system with routing for very long filter service life and decompression valve for effortless starting.

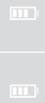
Bar length **40 cm**  
Order number **1140 200 0727**

Bar length **45 cm**  
Order number **1140 200 0189**

B = STIHL Quick Chain Tensioning  
C = Comfort version  
E = STIHL ErgoStart

① Further comparison values for petrol-driven chainsaws are available on page 114  
② Weight excluding battery, guide bar and saw chain  
③ Weight excluding battery, including guide bar and saw chain  
④ With guide bar and saw chain

⑤ Weight excluding fuel, guide bar and saw chain  
⑥ For explanation of symbols, see page 482  
⑦ For explanation of quality marks, see page 491



# CHAINSAWS FOR FORESTRY WORK

- Powerful, sustained and responsive
- Designed to overcome any professional challenge
- For all forestry work: felling, delimiting and cutting to length
- High performance, low weight and superb to work with
- Many models are fitted with STIHL M-Tronic as standard



## MSA 300 C-O

36 V • 3.0 kW<sup>①</sup> • 4.5<sup>②</sup> / 5.4 kg<sup>③</sup>



The first STIHL battery chainsaw for professional applications. High performance capacity with three selectable operating modes for outstanding work in a range of applications. With STIHL .325"-RS Pro saw chain and Light O4 guide bar for very strong cutting performance. Easy, convenient handling thanks to intuitive operation and notification cockpit with LED display and control handle with potentiometer function for infinitely variable speed control. STIHL anti-vibration system, integrated cooling air filter and standard oil sensor with LED display to show that the oil is running low.

MSA 300 C-O excluding battery and charger<sup>④</sup>

Bar length 35 cm  
Order number MA02 200 0021

Bar length **40 cm**  
Order number **MA02 200 0024**

### Additional versions

MSA 300 excluding 35 cm MA02 200 0001  
Battery and charger<sup>④</sup> 40 cm MA02 200 0004

**Note:** Only when teamed with the STIHL AP 500 S battery can the MSA 300 be operated to the full extent of its functionality. If other STIHL batteries are used, we can neither guarantee that all functions will be available nor that the maximum possible sawing performance will be achieved.



## PROFESSIONAL TIP

The integrated fleece filter of the MSA 300 guarantees consistent performance - including in extreme conditions. Its extraordinarily fine-pored filter material keeps even very fine dust and dirt away from the power electronics and electric engine. Once removed, the fleece air filter is very easy to clean with our MS Plus Care & Clean Kit. When washing your PPE, just spray the included VarioClean Eco directly onto the filter first, leave it to work briefly, and then put it in the enclosed washbag and add it to the washing machine with your PPE. Alternatively you can spray it with STIHL VarioClean and then, after a brief period to let it work, rinse it out with warm water.

➔ Our STIHL VarioClean Eco special cleaner can be found on page 414.



C = Comfort version  
O = Oil sensor  
M = STIHL M-Tronic  
① Further comparison values for petrol-driven chainsaws are available on page 116  
② Weight excluding battery, guide bar and saw chain  
③ Weight excluding battery, including guide bar and saw chain

④ With guide bar and saw chain  
⑤ Weight excluding fuel, guide bar and saw chain  
⑥ With lightweight guide bar



## MS 201 C-M

35.2 cm<sup>③</sup> • 1.8 kW / 2.4 hp • 4.0 kg<sup>④</sup>



The lightest professional chainsaw from STIHL, ideal for delimiting. Optimum engine performance and simple starting, with just one start position. Captive nut on the sprocket cover, 3/8"-PS saw chain for strong cutting performance.

Bar length 30 cm<sup>⑤</sup>  
Order number 1145 200 0265

Bar length **35 cm<sup>⑤</sup>**  
Order number **1145 200 0266**



## MS 260

50.2 cm<sup>③</sup> • 2.6 kW / 3.5 hp • 4.8 kg<sup>④</sup>



Perfect for lopping work, harvesting thin wood, and felling in medium-density stands. STIHL anti-vibration system, side-mounted chain tensioning, decompression valve, STIHL ElastoStart, and tool-free fuel caps.

Bar length **37 cm**  
Order number **1121 200 0254**

Bar length 40 cm  
Order number 1121 200 0255



## APPROPRIATE FUELS AND LUBRICANTS

SEE FROM PAGE 404



## PROFESSIONAL TIP

The HD2 filter in our chainsaws delivers consistent performance - even in the toughest conditions. Its extraordinarily fine-pored filter material keeps even very fine dust and dirt away from the engine. To clean it, remove the HD2 filter and spray it with STIHL VarioClean or VarioClean Eco, briefly leaving it to take effect before rinsing out with warm water and letting it dry. Then it is ready to use again.

⑦ For explanation of symbols, see page 482  
⑧ For explanation of quality marks, see page 491



## MS 261 C-M

50.2 cm<sup>③</sup> • 3.0 kW / 4.1 hp • 4.9 kg<sup>④</sup>



Great for working in low-density and medium-density stands. Single start position and stop button function mean easy starting. Long-life air filter system with HD2 filter necessitating only occasional cleaning, and captive nuts on the sprocket cover. With Light O4 guide bar and .325"-RS Pro saw chain for excellent cutting performance.

Bar length 35 cm  
Order number 1141 200 0646

Bar length **40 cm**  
Order number **1141 200 0647**

### Additional versions:

MS 261 C-BM 35 cm 1141 200 0648  
40 cm 1141 200 0649

MS 261 C-M VW 35 cm 1141 200 0650  
40 cm 1141 200 0651



### MS 361

59.0 cm<sup>3</sup> • 3.4 kW / 4.6 hp • 5.6 kg<sup>ⓐ</sup>

Designed for dynamic acceleration and high torque, with a very good power-to-weight ratio. STIHL anti-vibration system, side-mounted chain tensioning, decompression valve, STIHL ElastoStart, compensator and tool-free fuel caps.

Bar length 37 cm  
Order number 1135 200 0491

Bar length 40 cm  
Order number 1135 200 0475



### MS 362 C-M

59.0 cm<sup>3</sup> • 3.5 kW / 4.8 hp • 5.6 kg<sup>ⓐ</sup>

Great for working in medium-density stands. Long-life air filter system with HD2 filter for highly effective filtering, STIHL M-Tronic for optimum engine performance at all times, easy starting thanks to a single start position and stop-button function, captive nuts on the sprocket cover for quick and easy chain replacement.

Bar length 40 cm  
Order number 1140 200 0717

Bar length 45 cm  
Order number 1140 200 0488

**Additional versions:**  
MS 362 C-M VW 40 cm 1140 200 0720  
45 cm 1140 200 0505

**i**  
**C IN THE PRODUCT NAME STANDS FOR COMFORT FEATURE**

Many STIHL tools are fitted with special comfort features as standard, and these can be identified by the C in the product name, e.g. MS 261 C-BM. The B indicates STIHL Quick Chain Tensioning; the M stands for STIHL M-Tronic.



### MS 382

72.2 cm<sup>3</sup> • 3.9 kW / 5.3 hp • 6.2 kg<sup>ⓐ</sup>

Great for working in low-density and medium-density stands. Side-mounted chain tensioning for safe and easy chain tensioning, tool-free fuel caps for easy and safe filling with fuels and lubricants.

Bar length 50 cm  
Order number 1119 200 0257



### MS 400 C-M

66.8 cm<sup>3</sup> • 4.0 kW / 5.4 hp • 5.8 kg<sup>ⓐ</sup>

The world's first chainsaw to include a magnesium piston, for a fantastic power-to-weight ratio and a high maximum speed. With excellent cutting performance for professional use in forests. Ideal for felling, delimiting, and preparation of wood in medium-density stands. Long-life air filter system with HD2 filter for excellent filtering effect. Easy and reliable starting thanks to a single start position and stop-button function, STIHL M-Tronic for consistently high engine performance. Captive nuts on the sprocket cover; tool-free fuel caps for easy and safe filling with fuels and lubricants.

Bar length 40 cm  
Order number 1140 200 0520

Bar length 45 cm  
Order number 1140 200 0521

**➔**  
**PAGE 415**

### MS CARE & CLEAN KIT

Cleaning and maintenance kit for STIHL chainsaws. Available as a sample pack and a special value pack.



C = Comfort version V = Electric carburettor heating  
M = STIHL M-Tronic W = Electrically heated handles  
i = STIHL Injection  
ⓐ Weight excluding fuel, guide bar and saw chain  
ⓑ With lightweight guide bar  
Ⓒ For explanation of quality marks, see page 491  
Ⓓ Compared with the 3/8" RS chain



### MS 462 C-M

72.2 cm<sup>3</sup> • 4.4 kW / 6.0 hp • 6.0 kg<sup>ⓐ</sup>

The lightest high-performance saw in the 70 cm<sup>3</sup> cubic capacity class. Extraordinarily easy to manoeuvre, with outstanding acceleration. For felling and delimiting in medium-density and high-density stands. Fitted with STIHL M-Tronic as standard, controlled-delivery high-performance oil pump for a high flow rate, and air filter system with HD2 filter for extremely effective filtering. Captive nuts on the sprocket cover make it easy to change the chain; tool-free fuel caps for easy and safe filling with fuels and lubricants.

Bar length 40 cm  
Order number 1142 200 0011

Bar length 45 cm  
Order number 1142 200 0012

Bar length 50 cm<sup>ⓑ</sup>  
Order number 1142 200 0028

**Additional versions:**  
MS 462 C-M VW 40 cm 1142 200 0023  
45 cm 1142 200 0024  
50 cm<sup>ⓑ</sup> 1142 200 0029

**i**  
**INNOVATIVE TOOTH SHAPE, FOR EFFECTIVE WORK**

Thanks to the innovative saw tooth shape, the Rapid Hexa saw chain offers cutting performance that is ideal for professional forestry and harvesting wood. Its consistently high-quality cutting helps it stand out from the crowd. The blade tooth and Hexa file shapes are a perfect match, enabling the chain to be sharpened quicker and keeping it sharp up to 15% longer<sup>Ⓒ</sup>. All this means that you can work more effectively.

**➔ For easy retrofitting of your STIHL chainsaw to the new professional cutting system, go to page 127 to find out about our Hexa upgrade kits.**



### MS 500i

79.2 cm<sup>3</sup> • 5.0 kW / 6.8 hp • 6.2 kg<sup>ⓐ</sup>

The first chainsaw with STIHL electronically controlled fuel injection. The best power-to-weight ratio on the market. Ideal for heavy timber harvesting and preparation thanks to its lightweight construction and excellent acceleration. Optimised bumper spikes, HD2 filter with excellent filtering effect, captive nut on the sprocket cover and tool-free filter cap, controlled-delivery, high-performance oil pump for high flow rate, tool-free fuel cap for easy and safe filling of fuels and lubricants.

Bar length 50 cm<sup>ⓑ</sup>  
Order number 1147 200 0000

Bar length 63 cm<sup>ⓑ</sup>  
Order number 1147 200 0001

Bar length 71 cm<sup>ⓑ</sup>  
Order number 1147 200 0002

**Additional versions:**  
MS 500i W 50 cm<sup>ⓑ</sup> 1147 200 0003  
63 cm<sup>ⓑ</sup> 1147 200 0004  
71 cm<sup>ⓑ</sup> 1147 200 0005





### MS 651

91.1 cm<sup>3</sup> • 5.0 kW / 6.8 hp • 7.3 kg<sup>①</sup>

High-performance saws for demanding applications in high-density stands. STIHL anti-vibration system, HD2 filter with excellent filtering effect, controlled-delivery high-performance oil pump for high flow rate, equipped as standard with roller chain catcher.

Bar length 45 cm  
Order number 1144 200 0240

Bar length 50 cm  
Order number 1140 200 0219

Bar length **63 cm**  
Order number **1144 200 0189**



### MS 661 C-M

91.1 cm<sup>3</sup> • 5.4 kW / 7.3 hp • 7.4 kg<sup>①</sup>

The competition chainsaw used in the STIHL TIMBERSPORTS® series. Big timber saw for the toughest jobs in forestry. STIHL M-Tronic guarantees optimum engine performance at all times, with easy starting due to single start position and stop-button function. Controlled-delivery high-performance oil pump for high flow rate, HD2 filter with excellent filtering effect.

Bar length 50 cm<sup>②</sup>  
Order number 1144 200 0364

Bar length 63 cm<sup>②</sup>  
Order number 1144 200 0322

Bar length **71 cm<sup>②</sup>**  
Order number **1144 200 0319**

**Additional versions:**  
MS 661 C-M W 50 cm<sup>②</sup> 1144 200 0415  
63 cm<sup>②</sup> 1144 200 0346  
71 cm<sup>②</sup> **1144 200 0344**

B = STIHL Quick Chain Tensioning  
C = Comfort version  
E = STIHL ErgoStart

M = STIHL M-Tronic  
W = Electrically heated handles



### MS 881

121.6 cm<sup>3</sup> • 6.4 kW / 8.7 hp • 9.9 kg<sup>①</sup>



The most powerful series-produced chainsaw in the world! Its extremely high performance makes it ideal for professional felling and processing large trees. STIHL 2-MIX engine for high cutting performance and engine power, coupled with efficient fuel usage. The stop-button function means that the warm chainsaw is ready to start at any time, and the HD2 filter ensures a long filter service life. Captive nuts on the sprocket cover make it easy to change the chain; tool-free fuel caps for easy and safe filling with fuels and lubricants.

Bar length 63 cm  
Order number 1124 200 0201

Bar length **75 cm**  
Order number **1124 200 0199**

Bar length 90 cm  
Order number 1124 200 0200

Bar length 105 cm  
Order number 1124 200 0206



## PAGE 102

### ADVANCE X-FLEX MODULAR HARNES SYSTEM

The new ADVANCE X-Flex modular harness system from STIHL is ideally designed for forestry work. The various harnesses, pockets and holsters provide a flexible solution for stowing the necessary equipment, while facilitating maximum ergonomics during work.

① Weight excluding fuel, guide bar and saw chain  
② With lightweight guide bar  
③ For explanation of quality marks, see page 491



### MS 231 C-BE WITH DURO 3 SAW CHAIN

42.6 cm<sup>3</sup> • 2.0 kW / 2.7 hp • 5.1 kg<sup>①</sup>

Great for building with wood. STIHL Quick Chain Tensioning for safe and easy chain tensioning without tools, STIHL ErgoStart and manual fuel pump to ensure effortless starting, fitted as standard with the Duro 3 carbide saw chain which is suitable for cutting dirty wood.

Bar length **35 cm**  
Order number **1143 200 0220**

## CHAINSAWS WITH A CARBIDE SAW CHAIN

- For occasional use and professional applications
- Carbide-tipped saw chains that stay sharp up to ten times longer
- Particularly well-suited to working with dirty wood



### DURO CARBIDE SAW CHAIN 3



The Duro name is used to designate our carbide saw chains. These were designed for cutting dirty wood, and they stay sharp up to ten times longer than conventional saw chains, even with occasional ground contact.





**MS 261 C-M  
WITH DURO 3 SAW CHAIN**

50.2 cm<sup>3</sup> • 3.0 kW / 4.1 hp • 4.9 kg<sup>Ⓞ</sup>



Great for construction industry work. Comes with STIHL M-Tronic as standard, meaning consistently high engine performance and easy starting due to a single start position. With .325"-RD3 Pro saw chain for increased cutting performance. Great for cutting very dirty wood.

Bar length **40 cm**  
Order number **1141 200 0667**



**MS 362 C-M  
WITH DURO 3 SAW CHAIN**

59.0 cm<sup>3</sup> • 3.5 kW / 4.8 hp • 5.6 kg<sup>Ⓞ</sup>



STIHL M-Tronic for optimum engine performance at all times and easy starting thanks to a single starting position. Long-life air filter system with HD2 filter for an excellent filtering effect, fitted as standard with a Duro 3 carbide saw chain which is especially good for cutting dirty wood.

Bar length **40 cm**  
Order number **1140 200 0751**



**MSA 220 C-B  
WITH DURO 3 SAW CHAIN**

36 V • 2.1 kW<sup>Ⓞ</sup> • 3.1<sup>Ⓞ</sup> / 3.7 kg<sup>Ⓞ</sup>



Tough, powerful battery chainsaw for a variety of applications such as felling, delimiting, cutting to length and building with wood. Easy, convenient operation, ergonomic control lever with potentiometer function for infinitely variable speed control, STIHL Quick Chain Tensioning and transparent oil tank with tool-free cap. Sturdy metal bumper spikes for reliable and precise guidance of the chainsaw on wood. Equipped with the Duro 3 carbide saw chain as standard and therefore ideal for cutting dirty wood.

MSA 220 C-B with Duro 3 saw chain, excluding battery and charger<sup>Ⓞ</sup>

Bar length **35 cm**  
Order number **MA03 200 0027**



**MSE 210 C-B  
WITH DURO 3 SAW CHAIN**

230 V • 2.1 kW • 4.0 kg<sup>Ⓞ</sup>

Powerful electric saw with high cutting performance and excellent ergonomics for effortless use. STIHL Quick Chain Tensioning for fast and safe chain tensioning without tools, standard-fitted with the Duro 3 carbide saw chain for use by tradespeople.

Bar length **35 cm**  
Order number **1209 200 0159**

**PAGE 127  
CARBIDE SAW CHAINS**

Highly durable and wear-resistant saw chains thanks to their special carbide plating.



B = STIHL Quick Chain Tensioning  
C = Comfort version  
M = STIHL M-Tronic  
O = Oil sensor  
T = Top handle

Ⓞ Weight excluding fuel, guide bar and saw chain  
Ⓞ Further comparison values for petrol-driven chainsaws are available on page 118  
Ⓞ Weight excluding battery, guide bar and saw chain  
Ⓞ Weight excluding battery, including guide bar and saw chain

Ⓞ With guide bar and saw chain  
Ⓞ Weight excluding cable, chain oil, guide bar and saw chain  
Ⓞ Specially designed for working among tree branches; only for use by trained arborists

**ARBORIST SAWS**



**MSA 161 T**

36 V • 1.25 kW<sup>Ⓞ</sup> • 2.1<sup>Ⓞ</sup> / 2.5 kg<sup>Ⓞ</sup>



Lightweight, professional battery arborist saws<sup>Ⓞ</sup> for use in noise-sensitive areas. With 1/4"-PM3 saw chain for a precise cut and high cutting performance, captive nut on the sprocket cover.

MSA 161 T excluding battery and charger<sup>Ⓞ</sup>

Bar length **25 cm**  
Order number **1252 200 0043**

Bar length **30 cm**  
Order number **1252 200 0044**



**MSA 220 TC-O**

36 V • 2.1 kW<sup>Ⓞ</sup> • 2.7<sup>Ⓞ</sup> / 3.3 kg<sup>Ⓞ</sup>



Powerful professional battery arborist saw<sup>Ⓞ</sup> for debarking pieces of trunk, crown correction and removing dead wood. With the STIHL 3/8"-PS3 Pro saw chain for optimised energy efficiency and up to 20% more cutting performance than the STIHL 3/8"-PS saw chain. Electronic operating system with an unlock button for simple saw activation makes for particularly easy operation. Operator cockpit with 180° LED display for information on the operating status of the chainsaw as well as the engaged chain brake. Fitted as standard with an oil sensor and LED display for active notification when the oil level is low. Easy-clean air filter for long service life and optimum engine cooling, side-mounted chain tensioning, tool-free oil tank cap, and captive nut on the sprocket cover.

MSA 220 TC-O excluding battery and charger<sup>Ⓞ</sup>

Bar length **30 cm<sup>Ⓞ</sup>**  
Order number **MA01 200 0046**

Bar length **35 cm<sup>Ⓞ</sup>**  
Order number **MA01 200 0047**

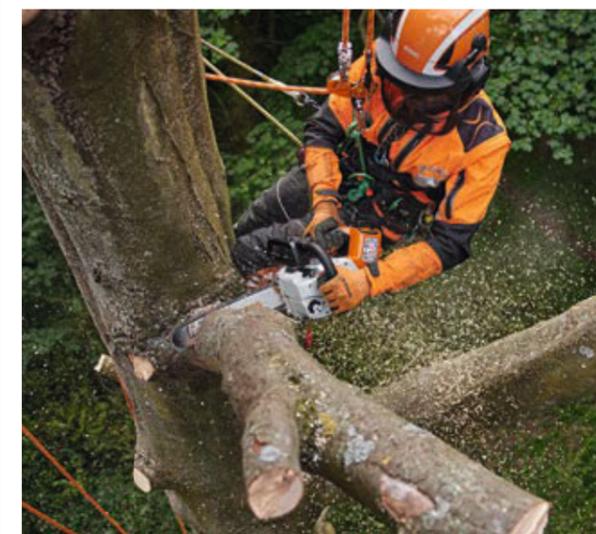
Additional versions:  
MSA 220 T excluding battery and charger<sup>Ⓞ</sup> 30 cm<sup>Ⓞ</sup> MA01 200 0044  
35 cm<sup>Ⓞ</sup> MA01 200 0045

**ACCESSORIES: BUMPER SPIKES FOR MSA 220 T / TC-O**

Large metal bumper spikes for coarse-barked wood.



Order number **MA01 664 0500**



Ⓞ With lightweight guide bar  
Ⓞ For explanation of symbols, see page 482  
Ⓞ For explanation of quality marks, see page 491





### MS 151 TC-E

23.6 cm³ • 1.1 kW / 1.5 hp • 2.6 kg<sup>①</sup>

STIHL's lightest arborist saw<sup>②</sup>. Ideal for a wide range of tree maintenance tasks such as removal of dead wood, crown maintenance, and removal of trunk and branch shoots. Manual fuel pump and STIHL ErgoStart guarantee easy starting. Fitted with a 1/4"-PM3 saw chain as standard, for a precise cut. STIHL 2-MIX engine for high cutting performance.

Bar length **25 cm**  
Order number **1146 200 0056**

Bar length 30 cm  
Order number 1146 200 0057



### MS 194 T

31.8 cm³ • 1.4 kW / 1.9 hp • 3.3 kg<sup>①</sup>

STIHL's versatile arborist saw<sup>②</sup>. For a range of tasks such as crown maintenance, dead wood removal, and removal of trunk and branch shoots. With a 1/4"-PM3 saw chain for a precise cut. High cutting performance due to the STIHL 2-MIX engine.

Bar length **30 cm**  
Order number **1137 200 0314**

Bar length 35 cm  
Order number 1137 200 0312



### ACTIVE NOTIFICATION WHEN THE OIL LEVEL IS LOW

The MSA 220 TC-O and MSA 300 C-O battery chainsaws come with an integrated oil sensor. When the chain lubricant level is low, the appropriate LED in the saw's operating cockpit lights up red to alert the operator to the issue. When there is sufficient oil in the system, the LED stays off. Our recommended STIHL SynthPlus, STIHL BioPlus and STIHL ForestPlus chain lubricants can be found on page 410.



### MS 201 TC-M

35.2 cm³ • 1.8 kW / 2.4 hp • 3.7 kg<sup>①</sup>



STIHL's most powerful arborist saw. Fitted as standard with STIHL M-Tronic with calibration function for optimum engine performance from start-up. With the STIHL 3/8"-PS3 Pro saw chain for optimised energy efficiency and up to 20% more cutting performance than the STIHL 3/8"-PS saw chain. Captive nut on the sprocket cover.

Bar length 30 cm<sup>②</sup>  
Order number 1145 200 0329

Bar length **35 cm<sup>②</sup>**  
Order number **1145 200 0328**



### APPROPRIATE FUELS AND LUBRICANTS

SEE FROM PAGE 404

B = STIHL Quick Chain Tensioning  
C = Comfort version  
E = STIHL ErgoStart  
M = STIHL M-Tronic  
T = Top handle

① Weight excluding fuel, guide bar and saw chain  
② Specially designed for working among tree branches; only for use by trained arborists  
③ With lightweight guide bar

④ Further comparison values for petrol-driven chainsaws are available on page 120  
⑤ Weight excluding battery, guide bar and saw chain  
⑥ Weight excluding battery, including guide bar and saw chain



### NEW

### MSA 200 C-B

36 V • 1.8 kW<sup>①</sup> • 3.1<sup>②</sup> / 3.3 kg<sup>③</sup>



Battery carving saw for use in noise-sensitive areas 1/4"-PM3 saw chain for high cutting performance and a precise, clean cut. Ergonomic control lever with potentiometer function for infinitely variable speed control, STIHL Quick Chain Tensioning and transparent oil tank with tool-free cap.

MSA 200 C-B excluding battery and charger<sup>④</sup>

Bar length **30 cm**  
Order number **MA03 200 0011**

## CARVING SAWS

- Special chainsaws for cutting wood, tree maintenance and use in orchards
- Ideal for precise cuts and fine contours
- Especially light, easily manoeuvrable and with low vibration
- Extremely low kickback
- Carving guide bar with optical guide tool



### MS 151 C-E

23.6 cm³ • 1.1 kW / 1.5 hp • 2.8 kg<sup>①</sup>

STIHL's lightest carving saw. Easy and effortless starting thanks to a manual fuel pump and STIHL ErgoStart. Equipped with the STIHL Carving guide bar and 1/4"-PM3 saw chain for precise and safe work. STIHL 2-MIX engine for high cutting performance.

Bar length **30 cm**  
Order number **1146 200 0059**



### MS 194 C-E

31.8 cm³ • 1.4 kW / 1.9 hp • 3.6 kg<sup>①</sup>

Easy-to-manoevrable carving saw. STIHL ErgoStart and the fuel pump enable easy and effortless starting. Equipped with the STIHL Carving guide bar and 1/4"-RMS saw chain for precise and safe work. High cutting performance due to the STIHL 2-MIX engine.

Bar length **30 cm**  
Order number **1137 200 0334**



① With guide bar and saw chain  
② Weight excluding fuel, guide bar and saw chain  
③ For explanation of symbols, see page 482  
④ For explanation of quality marks, see page 491



## EMERGENCY SERVICES SAWS

- For emergency operations and fire-fighting
- Special saw chain with carbide alloy plating
- Tremendous performance in the medium rpm range



### MS 462 C-M R

72.2 cm<sup>3</sup> • 4.4 kW / 6.0 hp • 6.5 kg<sup>①</sup>

For emergency operations and fire-fighting. Quick-release tensioner for easy securing of the cut-depth limiter, STIHL M-Tronic for optimum engine performance at all times, long-life air filter system with HD2 filter for extremely effective filtering. Large starter grip and decompression valve for safe and easy starting, special saw chain plated with impact-resistant carbide plates.

Bar length **50 cm**  
Order number **1142 200 0025**



### PROFESSIONAL TIP

Unlike ordinary chainsaws, special emergency services saws are usually used for plunge cutting, which means the front bar nose is inserted into the cutting material. The cut-depth limiter enables you to precisely define the desired cutting depth.



PAGE **128**



### RDR RESCUE SAW CHAIN

Our special saw chain has blade teeth with all-over plating made from impact-resistant carbide plates, and is therefore ideal for even the toughest jobs in the fire services, emergency services and technical assistance services.

B = STIHL Quick Chain Tensioning  
C = Comfort version  
M = STIHL M-Tronic  
R = Emergency services saw



## ELECTRIC CHAINSAWS

- For private use, skilled manual jobs and agricultural applications
- For working in domestic spaces
- Powerful electric motors with high cutting performance
- Practical features
- Switches on at the push of a button



### MSE 141

230 V • 1.4 kW • 3.6 kg<sup>②</sup>

Easy-to-maneuvre, lightweight entry-level model with good cutting performance. Good ergonomics for effortless work, side-mounted chain tensioning for securing and easily tensioning the chain, QuickStop Super chain brake, oil tank with transparent viewing window, and overload protection.

Bar length **30 cm**  
Order number **1208 200 0304**

Bar length 35 cm  
Order number 1208 200 0332



### MSE 170

230 V • 1.7 kW • 3.8 kg<sup>②</sup>

Lightweight and convenient electric chainsaw for cutting firewood. Excellent ergonomics for effortless operation, soft handle for good grip and comfortable work, tool-free oil tank cap for easy and safe filling with chain oil, overload protection.

Bar length **30 cm**  
Order number **1209 200 0154**

Bar length 35 cm  
Order number 1209 200 0155

**Additional versions:**  
MSE 170 C-B 30 cm 1209 200 0162  
35 cm 1209 200 0164

① Weight excluding fuel, guide bar and saw chain  
② Weight excluding cable, chain oil, guide bar and saw chain





**MSE 190**  
230 V • 1.9 kW • 3.8 kg<sup>Ⓞ</sup>

Excellent for cutting firewood. Excellent ergonomics for effortless operation, soft handle for good grip and comfortable work, tool-free oil tank cap for easy and safe filling with chain oil, overload protection.

Bar length **30 cm**  
Order number **1209 200 0158**

Bar length 35 cm  
Order number 1209 200 0157

**Additional versions:**  
**MSE 190 C-B** 30 cm **1209 200 0165**  
35 cm 1209 200 0153



**MSE 210 C-B**  
230 V • 2.1 kW • 4.0 kg<sup>Ⓞ</sup>

Powerful electric saw with high cutting performance for cutting firewood and building with wood. Excellent ergonomics for effortless work. Quick Chain Tensioning for safe and easy chain tensioning without tools, soft handle for comfortable work, tool-free tank cap for safe and easy filling with chain oil, overload protection.

Bar length 30 cm  
Order number 1209 200 0092

Bar length **35 cm**  
Order number **1209 200 0002**



**MSE 250**  
230 V • 2.5 kW • 4.6 kg<sup>Ⓞ</sup>

Powerful STIHL electric chainsaw for demanding tasks when building with wood. 3/8" RS3 saw chain and fully electronic engine function control for consistently high cutting performance even under load. Side-mounted chain tensioning, soft handle for comfortable work, tool-free oil tank cap for easy and safe filling with chain oil, LED overload indicator.

Bar length **40 cm**  
Order number **1210 200 0032**

Bar length 45 cm  
Order number 1210 200 0003

## ACCESSORIES AND PARTS FOR CHAINSAWS

### SERVICE KITS

Tackle your own straightforward maintenance work with the Service Kits for STIHL petrol-driven chainsaws: each kit contains a spark plug, fuel filter, and a fleece or HD2 air filter. With proactive, regular standard maintenance, you can protect your power tool against dirt and damage while also increasing its service life. The only additional maintenance implement you need is the combination socket tool supplied with your STIHL chainsaw.



**NEW Service Kit 3** for MS 440, MS 460, MS 650, MS 660, MS 880  
Order number **1124 007 4101**

**NEW Service Kit 4** for MS 441, MS 461, MS 881  
Order number **1124 007 4102**

**NEW Service Kit 5** for MS 290, MS 310, MS 390  
Order number **1127 007 4100**

**Service Kit 6** for MS 170 (machine number < 501926833; < 806742306), MS 180 (machine number < 507001102; < 808408057)  
Order number **1130 007 4100**

**Service Kit 7** for MS 170 (machine number > 502696762; > 806742307), MS 180 (machine number > 507033949; > 808412503)  
Order number **1130 007 4101**

**Service Kit 8** for MS 193 C, MS 194 C  
Order number **1137 007 4100**

**Service Kit 9** for MS 171, MS 181, MS 211  
Order number **1139 007 4100**

**Service Kit 10** for MS 311 (machine number < 177141852; < 295591589), MS 362 (machine number < 177600964; < 296650585), MS 391 (machine number < 177167777; < 293277554)  
Order number **1140 007 4100**

**Service Kit 11** for MS 261, MS 362 (machine number 177610358 - 183603946; > 296984305)  
Order number **1140 007 4101**

- For straightforward maintenance and inspection
- For making work easier
- Scabbards suitable for various bar lengths
- Carry bag or chainsaw case for easy transportation
- Tools and sawhorses

**Service Kit 12** for MS 241, MS 362 (machine number > 183717483), MS 400  
Order number **1140 007 4102**

**Service Kit 13** for MS 271, MS 291, MS 311 (machine number > 177198332; > 296246447), MS 391 (machine number > 177197832; > 295938026)  
Order number **1140 007 4103**

**Service Kit 14** for MS 462  
Order number **1142 007 4101**

**Service Kit 15** for MS 231, MS 251  
Order number **1143 007 4100**

**Service Kit 16** for MS 661  
Order number **1144 007 4101**

**Service Kit 17** for MS 500i  
Order number **1147 007 4101**

**Service Kit 18** for MS 162, MS 172  
Order number **1148 007 4100**

**Service Kit 19** for MS 182, MS 212  
Order number **1148 007 4101**

**Service Kit 45** for MS 170 (with STIHL 2-MIX engine), MS 180 (with STIHL 2-MIX engine)  
Order number **1130 007 4103**



### CHAIN GUARD FOR ARBORIST SAWS



Snaps firmly into place on the sprocket cover.  
Covers the bumper spikes.

For MS 193 T, MS 194 T, MS 201 T and MSA 220 T

Up to 35 cm bar length  
Order number 0000 792 9160

Up to 40 cm bar length  
Order number 0000 792 9161

### CHAIN GUARD EXTENSION



30 cm long, suitable for use with scabbards up to 90 cm (0000 792 9179).

Order number 0000 792 9140

Bar attachment:  
3005<sup>Ⓞ</sup> Mini for guide bars with a groove width of 1,1 mm

Bar attachment:  
3005<sup>Ⓞ</sup> for guide bars with a groove width of 1,3 mm

Bar attachment:  
3003<sup>Ⓞ</sup> for guide bars with a groove width of 1,6 mm

Bar attachment:  
3002<sup>Ⓞ</sup> for guide bars with a groove width of 1,6 mm

Bar attachment:  
3006<sup>Ⓞ</sup> for GS 461

#### SCABBARDS

Up to 25 cm	0000 792 9170 <sup>Ⓞ</sup>		
Up to 35 cm	0000 792 9171 <sup>Ⓞ</sup>	0000 792 9172 <sup>Ⓞ</sup>	
Up to 37 cm			0000 792 9174
Up to 45 cm	0000 792 9173		0000 792 9175
Up to 55 cm			0000 792 9176 <sup>Ⓞ</sup>
Up to 63 cm	0000 792 9177	0000 792 9177	
Up to 75 cm	0000 792 9178	0000 792 9178	
Up to 90 cm	0000 792 9179	0000 792 9179	

<sup>Ⓞ</sup> Depending on the intended purpose, additional personal protective equipment may be needed  
<sup>Ⓜ</sup> Part order numbers for guide bars, for more details consult the overview from page 136  
<sup>Ⓝ</sup> Except Light bar 3005 008 4909 in the MS 162 attachment  
<sup>Ⓞ</sup> Available for Light bar 3005 008 4909 i in the MS 162 attachment

<sup>Ⓞ</sup> Also for 3005 000 4721/50 cm  
<sup>Ⓜ</sup> From MS 261 up  
<sup>Ⓝ</sup> For MS 271, MS 291, MS 311, MS 391



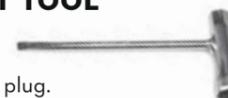
## PAGE 430 FUNCTION MS KIT

With our standard personal protective equipment<sup>Ⓞ</sup>, you can immediately get started on straightforward chainsaw tasks in the garden and domestic spaces, confident that you are protected against injuries and hearing damage.



### COMBINATION SOCKET TOOL

For tensioning the chain and changing the chain, bar and spark plug.



Width across flats 19<sup>Ⓞ</sup>  
Order number 1119 890 3405

Width across flats 19-13<sup>Ⓞ</sup>  
Order number 1129 890 3401

Width across flats 19-16<sup>Ⓞ</sup>  
Order number 0000 890 3400

Width across flats 16 and 13<sup>Ⓞ</sup>  
Order number 0000 890 3402

### MULTI-FUNCTION TOOL

Practical, multi-function quality tool in a sturdy plastic case. 3.5 mm flat-blade screwdriver for carburettor adjustment and cleaning grooves, Torx<sup>®</sup> TX 27 screwdriver, nylon pouch with belt loop.

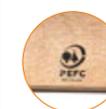


Width across flats 19-13<sup>Ⓞ</sup>  
Order number 0000 881 5501

Width across flats 19-16<sup>Ⓞ</sup>  
Order number 0000 881 5502

### WOODEN SAWHORSE

Lightweight design. For cutting firewood with ease, max. load 70 kg.



Our sawhorses are made from wood exclusively sourced from sustainable, environmentally responsible forestry businesses.

Order number 0000 881 4602



### FUELS AND LUBRICANTS, HAND TOOLS AND FORESTRY ACCESSORIES

SEE FROM PAGE 404

<sup>Ⓞ</sup> For MS 162, MS 170, MS 171, MS 172, MS 180, MS 181, MS 182, MS 193, MS 211, MS 212, MS 231, MS 241, MS 251  
<sup>Ⓜ</sup> For MS 150, MS 151 and MS 201  
<sup>Ⓝ</sup> For explanation of quality marks, see page 491



### NEW TIMBERSPORTS<sup>®</sup> EDITION CHAINSAW BAG

Flexible, durable bag made from water-resistant material in the TIMBERSPORTS<sup>®</sup> design for tidy storage and transport of chainsaws and accessories. Suitable for bar lengths up to 50 cm, base panel for increased stability, practical internal pockets for accessories such as batteries, charger, chains, marker sprays and more. The contents shown are not included with the bag.

Order number 0000 900 4300

### CHAINSAW BAG

For tidy storage and transport of chainsaws with bar lengths up to 45 cm. The contents shown are not included with the bag.

Order number 0000 881 0508



### CHAINSAW CASE

For storage and transport of all battery and petrol-driven chainsaws with bar lengths ≤ 50 cm (not suitable for the following electric chainsaws and petrol-driven chainsaws: MS 500i, MS 661 C-M, MS 880 and MS 881). The contents shown are not included with the bag.

Order number 0000 900 4009

# ADVANCE X-FLEX MODULAR HARNESS SYSTEM



## PROFESSIONAL WORK IN THE FOREST

Choose from the comprehensive range of pockets and holders in the modular harness system to equip yourself with the ideal accessories for working in the forest. At a minimum you will need the ADVANCE X-Flex hip belt or ADVANCE X-Flex harness to be able to use them. The ADVANCE X-Flex shoulder harness is a helpful addition, especially if there is very heavy load on the belt. Of course you can also use one of the pre-configured ADVANCE X-Flex forestry sets. These include a number of frequently used system components; you can add to these at any time by purchasing further modules.



**NEW**  
AVAILABLE  
FROM SPRING 2024  
**ADVANCE X-FLEX  
HIP BELT**



Padded hip harness with suspension eyelets for shoulder harness and FS harness. With an attachment bar for securing pockets and holders using the STIHL clip system. Robust clasp housing made from aluminium. Stomach padding as an accessory for even more comfortable wear.

Size	Waist circumference	Order number
S	78 - 127 cm	0000 710 9102
M	89 - 143 cm	0000 710 9103
L	98 - 177 cm	0000 710 9104

**NEW**  
**ADVANCE X-FLEX  
HARNESS**



Slimline harness for carrying lighter loads and use in high temperatures. With suspension eyelets for the shoulder harness and attachment bar for securing pockets and holders using the STIHL clip system.

Size	Waist circumference	Order number
S	78 - 127 cm	0000 798 2400
M	89 - 143 cm	0000 798 2401
L	98 - 177 cm	0000 798 2402

**NEW**  
**ADVANCE X-FLEX  
SHOULDER HARNESS**

Complements the hip harness and belt for heavy loads. Very comfortable wear thanks to padding and adjustable harness length. It is easy to attach pockets and holders using the clip system. Large areas of high-visibility orange for good visibility.

Order number  
0000 790 5801

**NEW**  
**ADVANCE X-FLEX BASIC FORESTRY SET**

- Includes a universal pocket, felling wedge pocket, holster for chalk holder and sappie holder
- Hip belt or belt available separately
- Shoulder harness can be added

Order number **0000 007 4800**

**NEW**  
**ADVANCE X-FLEX PRO FORESTRY SET**

- Includes a shoulder harness, stomach padding, universal pocket, felling wedge pocket, holder for chalk holder and sappie holder
- Hip belt or belt available separately

Order number **0000 007 4801**



### INNOVATIVE STIHL CLIP SYSTEM

All pockets and holders in the ADVANCE X-Flex modular harness system can be easily and quickly attached to the harnesses thanks to the innovative STIHL-developed clip system, which uses metal clips. The pockets and holders come with the clips already equipped, though they can also be bought individually online. So you can even equip them to other pockets you already have, and clip them onto a harness or belt.

### ADVANCE X-FLEX POCKETS AND HOLDERS

Add practical pockets and holders to your harness system, to ensure that you have tools, other work materials or even your smartphone close at hand at all times.

**NEW**  
**UNIVERSAL  
POCKET**



Order number **0000 882 6100**

**NEW**  
**MEASURING TAPE  
HOLDER**



Order number **0000 881 0702**

**NEW**  
**SMARTPHONE  
POCKET**



Order number **0000 882 6700**

**NEW**  
**FELLING WEDGE  
POCKET**



Order number **0000 882 6200**

**NEW**  
**CALLIPER HOLDER**



Order number **0000 882 6400**

**NEW**  
**HOOKARON  
HOLDER**



Order number **0000 882 6300**

**NEW**  
**HOLSTER FOR  
CHALK HOLDER**



Order number **0000 881 1603**

**NEW**  
**RADIO POCKET**



Order number **0000 882 6600**

**NEW**  
**STOMACH  
PADDING**



1 pair  
Order number **0000 490 1800**

**NEW**  
**SECURING CLIPS**



2 units  
Order number **0000 740 8800**



**MORE INFORMATION ON THE BAGS AND HOLDERS OF THE MODULAR HARNESS SYSTEM**

CAN BE FOUND ON **PAGE 468**



# POLE PRUNERS, ACCESSORIES AND PARTS

- Available as a petrol-driven or battery power tool
- For thinning out shrubs
- For pruning fruit trees
- Range of up to five metres
- Backpack carrying system for effortless working



**HTA 50**  
36 V • 0.8 kW<sup>①</sup> • 3.6 kg<sup>②</sup>

Lightweight battery pole pruner with high cutting performance for tree maintenance work of all types. 1/4"-PM3 saw chain and side-mounted chain tensioning. With branch hook for easy removal of cuttings from the tree, semi-transparent oil tank, ergonomic control unit and detachable shaft for easy transport and space-saving storage. Total length 280 cm.



INCLUDING WALL HOLDER



ACCESSORIES:  
**HTA SHAFT EXTENSION**  
**PROTECTIVE FOOT**

See page 111

HTA 50 excluding battery and charger<sup>③</sup>  
Order number **LA02 011 6400**

HTA 50 set with AK 20 and AL 101<sup>④</sup>  
Order number **LA02 200 0001**

**HT 56 C-E**  
27.2 cm<sup>3</sup> • 0.8 kW / 1.1 hp • 6.4 kg<sup>②</sup>

Comfortable entry-level model with STIHL 2-MIX engine for tree, grounds and fruit tree maintenance. 1/4"-PM3 saw chain, lightweight and compact transmission with branch hook, detachable shaft for long range and easy transport. Total length 280 cm.



Order number **4139 200 0007**

C = Comfort version  
E = STIHL ErgoStart

**HTA 66**  
36 V • 1.1 kW<sup>①</sup> • 3.3 kg<sup>②</sup>

Very lightweight and quiet yet powerful battery pole pruner for grounds, garden and orchard maintenance. With 1/4"-PM3 saw chain, lightweight drive head with branch hook and rigid shaft. Total length 240 cm.



ACCESSORIES:  
**PROTECTIVE FOOT**

See page 111

HTA 66 excluding battery and charger<sup>③</sup>  
Order number **LA03 200 0004**

Additional versions:  
**NEW HTA 66 K** excluding battery and charger

**LA03 011 6416**

**HTA 86**  
36 V • 1.1 kW<sup>①</sup> • 4.6 kg<sup>②</sup>

Powerful battery pole pruner for use in tree maintenance and orchards and by local authorities. Quiet and low-vibration. For pruning trees, removing dead wood and breakage from storms, and for cutting back fruit trees. 1/4"-PM3 saw chain, lightweight and compact drive head with sturdy branch hook for easy removal of loose cuttings from the tree. Very steady-guided professional telescopic shaft with rapid adjustment for precise biting characteristics and a precise cut. Total length 270-390 cm.



ACCESSORIES:  
**PROTECTIVE FOOT**

See page 111

HTA 86 excluding battery and charger<sup>③</sup>  
Order number **LA03 200 0002**

① Further comparison values for petrol-driven pole pruners are available on page 120  
② Weight excluding battery, guide bar and saw chain  
③ With guide bar and saw chain  
④ Weight excluding fuel, guide bar and saw chain

**HT 75**  
25.4 cm<sup>3</sup> • 0.95 kW / 1.3 hp • 7.3 kg<sup>②</sup>

Lightweight petrol-driven pole pruner for professional use. For delimiting trees and general tree maintenance, removing dead wood or breakage from storms, and for cutting back fruit trees. 1/4"-PM3 saw chain, lightweight and compact transmission with cast-on robust branch hook. Particularly steady-guided professional telescopic shaft with rapid adjustment for precise biting characteristics and a precise cut. Total length 270-390 cm.



Order number **4138 200 0054**

**HT 105**  
31.4 cm<sup>3</sup> • 1.05 kW / 1.4 hp • 7.9 kg<sup>②</sup>

Powerful petrol-driven pole pruner with STIHL 4-MIX<sup>®</sup> engine for professionals in tree maintenance and orchards and by local authorities. For delimiting trees, removing dead wood or breakage from storms, and for cutting back fruit trees. 1/4"-PM3 saw chain, lightweight and compact transmission with cast-on robust branch hook. Particularly steady-guided professional telescopic shaft with rapid adjustment for precise biting characteristics and a precise cut. Total length 270-390 cm.



Order number **4182 200 0194**

③ For explanation of symbols, see page 482  
④ For explanation of quality marks, see page 491



### HT 134

36.3 cm<sup>3</sup> • 1.4 kW / 1.9 hp • 6.0 kg<sup>①</sup>

Lightweight, powerful petrol-driven pole pruner with STIHL 4-MIX® engine for professional use. For delimiting trees and general tree maintenance, removing dead wood or breakage from storms, and for cutting back fruit trees. 1/4"-PM3 saw chain, lightweight and compact gearbox with cast-on robust branch hook, rigid shaft. Total length 212 cm.



Order number **4182 200 0203**

### HT 135

36.3 cm<sup>3</sup> • 1.4 kW / 1.9 hp • 7.9 kg<sup>①</sup>

Powerful STIHL petrol pole pruner with STIHL 4-MIX® engine for professional tree maintenance, orchard care and municipal applications. For delimiting trees, removing dead wood or breakage from storms, and for cutting back fruit trees. 1/4"-PM3 saw chain, lightweight and compact transmission with cast-on robust branch hook. Very steady-guided professional telescopic shaft with rapid adjustment for precise biting characteristics and a precise cut. Total length 270 - 390 cm.



Order number **4182 200 0198**

### HTA 135

36 V • 1.5 kW<sup>②</sup> • 6.8 kg<sup>③</sup>



High-performance STIHL battery pole pruner. Quiet and low-vibration. For professional use in tree maintenance, orchards and local authorities. For pruning trees, removing dead wood and breakage from storms, and for cutting back fruit trees. 1/4"-PM3 saw chain, lightweight magnesium transmission with cast-on, sturdy branch hook for easy removal of loose cuttings from the tree. Very steady-guided professional telescopic shaft with rapid adjustment for precise biting characteristics and a precise cut. Total length 285 - 405 cm.

HTA 135 excluding battery and charger<sup>④</sup>  
Order number **LA01 200 0002**



INCLUDING  
PROTECTIVE  
FOOT



PAGE **415**

### MS CARE & CLEAN KIT

Cleaning and maintenance kit for STIHL chainsaws. Available as a trial pack with STIHL VarioClean Eco and cleaning brush including groove cleaner, or as a special value pack MS Plus Care & Clean Kit with additional wash bag for air filters.



① Weight excluding fuel, guide bar and saw chain

② Further comparison values for petrol-driven pole pruners are available on page 120

③ Weight excluding battery, guide bar and saw chain, including protective foot

④ Including guide bar, saw chain and protective foot

⑤ For explanation of symbols, see page 482

⑥ For explanation of quality marks, see page 491



**NEW**  
**HTA 150**

36 V • 1.8 kW<sup>①</sup> • 4.7 kg<sup>②</sup>



**FOR PROFESSIONAL TREE STOCK MAINTENANCE IN FORESTRY AND LOCAL AUTHORITIES**

Extremely powerful STIHL battery pole pruner for professional maintenance work and especially as a forestry maintenance saw for young stand maintenance in forests. Quiet and low-vibration. 3/8"-PM3 saw chain, short rigid shaft for a precise cut, ergonomic control handle with LED display and lightweight, sturdy magnesium transmission. Loop handle and Flexband HT. Option of a STIHL ADVANCE X-TREEm HT forestry harness for highly ergonomic and efficient work on young tree stocks. Total length 196 cm.



**INCLUDING PROTECTIVE FOOT**

**HTA 150 forestry variant** excluding battery and charger<sup>③</sup>  
Order number **LA01 200 0020**

**NEW set** ADVANCE X-TREEm HT with ADVANCE X-Flex hip belt + ADVANCE X-TREEm HT forestry harness + Flexband HT

Size S	Size M	Size L
Order number <b>0000 200 0006</b>	Order number <b>0000 200 0007</b>	Order number <b>0000 200 0008</b>



**FOR PROFESSIONAL TREE MAINTENANCE IN AGRICULTURE AND ORCHARDS**

Very powerful STIHL battery pole pruner for professional use when pruning fruit crops and cultivated plants as well as orchards. Quiet and low-vibration. 1/4"-PM3 saw chain, short rigid shaft for a precise cut, ergonomic control handle with LED display and lightweight, sturdy magnesium gearbox. Total length 196 cm.



**INCLUDING PROTECTIVE FOOT**

**HTA 150 maintenance variant** excluding battery and charger<sup>③</sup>  
Order number **LA01 200 0021**



PAGE **112**

**ADVANCE X-TREEm HT FORESTRY HARNESS**

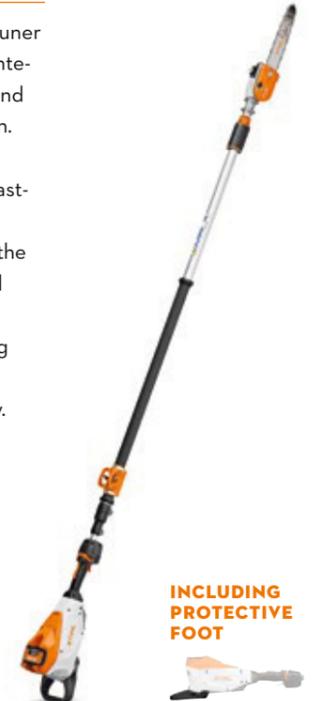
Make professional forestry maintenance work with the HTA 150 easy by combining it with our new ADVANCE X-TREEm HT forestry harness, the ADVANCE X-Flex hip belt, and the Flexband HT.

**NEW**  
**HTA 160**

36 V • 1.8 kW<sup>①</sup> • 6.9 kg<sup>②</sup>



Powerful STIHL battery pole pruner for use in professional tree maintenance in orchards, agriculture and forestry. Quiet and low-vibration. 1/4"-PM3 saw chain, lightweight magnesium transmission with cast-on, sturdy branch hook for easy removal of loose cuttings from the tree. Steady-guided professional telescoping shaft with rapid adjustment for exact positioning and precise cutting, ergonomic control handle with LED display. Total length 285-405 cm.



**INCLUDING PROTECTIVE FOOT**

**HTA 160** excluding battery and charger<sup>③</sup>  
Order number **LA01 200 0015**



**APPROPRIATE FUELS AND LUBRICANTS**

SEE FROM PAGE 404

① Further comparison values for petrol-driven pole pruners are available on page 120  
② Weight excluding battery, guide bar and saw chain, including protective foot  
③ Including guide bar, saw chain and protective foot

④ For explanation of symbols, see page 482





### SERVICE KITS

Tackle your own straightforward maintenance work with the Service Kits for STIHL petrol-driven pole pruners: each kit includes a spark plug, fuel filter, and paper or fleece air filter. With proactive, regular standard maintenance, you can protect your power tool against dirt and damage while also increasing its service life. The only additional maintenance implement you need is the combination socket tool supplied with your STIHL pole pruner.

**Service Kit 29** for FS 87, FS 90, FS 100, FT 100, HL 90, HL 95, HL 100, HT 100, HT 101, KM 90, KM 100

Order number **4180 007 4101**

**Service Kit 30** for FS 89, FS 91, FS 111, KM 111

Order number **4180 007 4102**

**Service Kit 31** for BT 131, FR 131, FS 131, FS 311, KM 131

Order number **4180 007 4103**

### PROTECTIVE FEET

For protecting the power tool and battery from direct contact with the ground.



For HTA 66, HTA 86, HLA 66 and HLA 86

Order number **4857 007 1001**

For protecting the power tool and battery from direct contact with the ground. Already included in delivery with the HTA 135, HTA 150 and HTA 160



For HLA 135, HTA 135, HTA 150, HTA 160 and KMA 135 R

Order number **LA01 007 1002**

For protecting the power tool and battery from direct contact with the ground.



For HLA 56 and HTA 50

Order number **HA01 007 1000**



### RTS HARNESS

For prolonged use. Can be adjusted to the user's size, and enables effortless and ergonomic work. For pole pruners, KombiEngines with HT-KM or HL-KM 145° and long-reach hedge trimmers. Cannot be used with HL 94 KC-E and HLE 71 K.

Order number **0000 790 4400**

### BRACKET FOR PROFESSIONAL TELESCOPIC SHAFT



For outstanding ergonomic design in combination with a shoulder strap or the RTS harness. The tool is easy to attach and quick to release. Already included in delivery with the HT 135 and HTA 135.

For HT 135, HTA 86, HTA 135, HTA 160 and HLA 86

Order number **0000 790 8600**



### HTA 50 SHAFT EXTENSION

For simple extension of reach by 50 cm. Made from aluminium. Weight: 465 g.

Order number **LA02 820 5000**

### ANGLED GEARHEAD 30°



For HTA 160, HT 135 and HTA 135

Order number **4182 640 0200**



For HT 56 and HT 101

Order number **4138 640 0201**

# HARNES SYSTEM FOR FORESTRY MAINTENANCE WITH THE HTA 150 POLE PRUNER



When working with the HTA 150 pole pruner, the ADVANCE X-Flex modular harness system can be easily and quickly upgraded with the help of the ADVANCE X-TREEm forestry harness and the Flexband HT. Upgrade to enjoy the full benefits of a harness system designed specifically for work with pole pruners.

## NEW AVAILABLE FROM SPRING 2024 ADVANCE X-TREEm HT SET

- Size S**
- With the ADVANCE X-TREEm HT forestry harness
  - With the ADVANCE X-Flex size S hip belt (78 - 127 cm waist)
  - With the Flexband HT

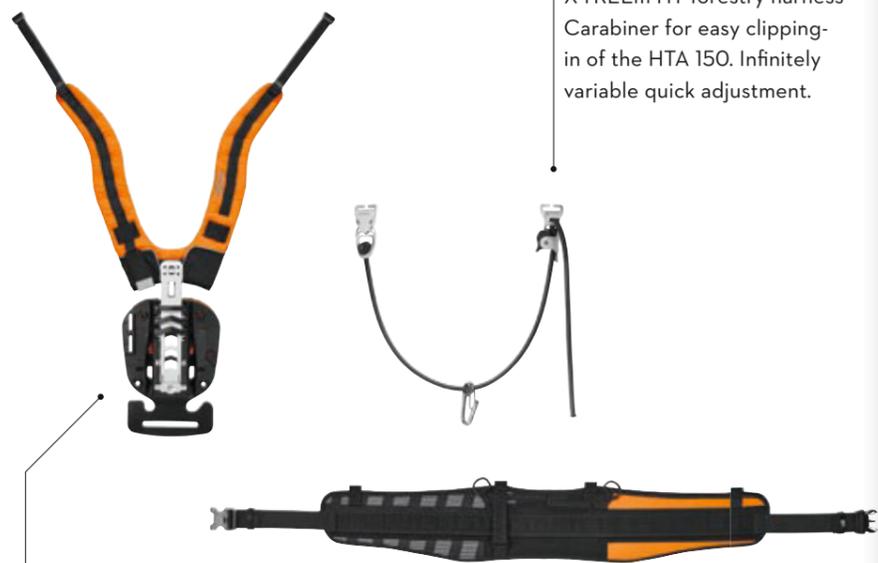
Order number **0000 200 0006**

- Size M**
- With the ADVANCE X-TREEm HT forestry harness
  - With the ADVANCE X-Flex size M hip belt (89 - 143 cm waist)
  - With the Flexband HT

Order number **0000 200 0007**

- Size L**
- With the ADVANCE X-TREEm HT forestry harness
  - With the ADVANCE X-Flex size L hip belt (98 - 177 cm waist)
  - With the Flexband HT

Order number **0000 200 0008**



## NEW FLEXBAND ADVANCE X-TREEm HT

Clipped to the ADVANCE X-TREEm HT forestry harness Carabiner for easy clipping-in of the HTA 150. Infinitely variable quick adjustment.

## NEW ADVANCE X-TREEm HT FORESTRY HARNES

Forestry harness used in combination with the Flexband HT provides the perfect ergonomic design for forestry maintenance with the HTA 150. Adjustable size and flexible clip-in points for the Flexband HT. Can be combined with accessories from the modular harness systems.

## NEW ADVANCE X-FLEX HIP BELT

Padded hip harness with suspension eyelets for shoulder harness and FS harness. With an attachment bar for securing pockets and holders using the STIHL clip system. Robust clasp housing made from aluminium. Stomach padding as an accessory for even more comfortable wear.

## ADVANCE X-FLEX POCKETS AND HOLDERS

Add practical pockets and holders to your harness system, to ensure that you have batteries, work materials or even your smartphone close at hand at all times.

### NEW BATTERY BAG



Order number **0000 491 0300**

### NEW UNIVERSAL POCKET



Order number **0000 882 6100**

### NEW RADIO POCKET



Order number **0000 882 6600**

### NEW BATTERY BAG WITH CONNECTING CABLE<sup>Ⓢ</sup>



Order number **0000 440 5100**

### NEW SMARTPHONE POCKET



Order number **0000 882 6700**

### NEW SECURING CLIPS



2 units  
Order number **0000 740 8800**

### NEW CABLE GUIDE



Order number **0000 491 1000**

## MORE INFORMATION ON POCKETS AND HOLDERS

CAN BE FOUND ON **PAGE 468**



## INNOVATIVE STIHL CLIP SYSTEM

All pockets and holders in the ADVANCE X-Flex modular harness system can be easily and quickly attached to the harnesses thanks to the innovative STIHL-developed clip system, which uses metal clips. The pockets and holders come with the clips already equipped, though they can also be bought individually online. So you can even equip them to other pockets you already have, and clip them onto a harness or belt.

<sup>Ⓢ</sup> The maximum output is limited for some power tools when used with an AR battery with connecting cable or an AP battery in a holster. Battery life remains unchanged.



Order number	Bar length <sup>Ⓞ</sup> (cm)	Displacement (cm <sup>3</sup> )	Power output (kW / hp)	Power consumption (kW)	Rated voltage (V)	Weight (kg)	Power-to-weight ratio (kg / kW)	Sound pressure level <sup>Ⓞ</sup> (dB(A))	Sound power level <sup>Ⓞ</sup> (dB(A))	Vibration level, left / right <sup>Ⓞ</sup> (m/s <sup>2</sup> )	STIHL engine (2-MIX / 4-MIX <sup>Ⓞ</sup> ) / STIHL battery system	Cable length (m)	Saw chain pitch	STIHL Oilomatic saw chain type <sup>Ⓞ</sup>	Lightweight guide bar	Side-mounted chain tensioning	STIHL Quick Chain Tensioning	Manual fuel pump	STIHL ElastoStart	STIHL ErgoStart	Air filter system with routing	HD2 filter	Tool-free fuel cap	Overload protection	Soft handle	
<b>CHAINSAWS FOR DOMESTIC USE</b>																										
<b>MSA 60 C-B</b>	<b>NEW</b>	MA04 011 5800	30	-	0.7 <sup>Ⓞ</sup> / -	0.9	36	2.5 <sup>Ⓞ</sup> / 2.9 <sup>Ⓞ</sup>	-	83	94	3.2 / 3.4														
<b>MSA 60 C-B SET</b> with AK 20 + AL 101	<b>NEW</b>	MA04 011 5806	30	-	0.7 <sup>Ⓞ</sup> / -	0.9	36	3.7 <sup>Ⓞ</sup> / 4.1 <sup>Ⓞ</sup>	-	83	94	3.2 / 3.4														
<b>MSA 70 C-B</b>	<b>NEW</b>	MA04 011 5816	30	-	0.9 <sup>Ⓞ</sup> / -	1.1	36	2.5 <sup>Ⓞ</sup> / 2.9 <sup>Ⓞ</sup>	-	83	94	3.2 / 3.4														
<b>MSA 70 C-B SET</b> with AK 30 + AL 101	<b>NEW</b>	MA04 011 5822	30	-	0.9 <sup>Ⓞ</sup> / -	1.1	36	3.8 <sup>Ⓞ</sup> / 4.2 <sup>Ⓞ</sup>	-	83	94	3.2 / 3.4														
<b>MS 162</b>	<b>NEW</b>	1148 200 0000	30	30.1	1.2 / 1.6	-	-	4.5 <sup>Ⓞ</sup>	3.8	100	111	3.2 / 3.0														
<b>MS 162 C-BE</b>	<b>NEW</b>	1148 200 0001	30	30.1	1.2 / 1.6	-	-	4.8 <sup>Ⓞ</sup>	4.0	100	112	3.6 / 3.0														
<b>MS 172</b>	<b>NEW</b>	1148 200 0241	35	31.8	1.4 / 1.9	-	-	4.5 <sup>Ⓞ</sup>	3.2	101	112	3.5 / 3.2														
<b>MS 172 C-BE</b>	<b>NEW</b>	1148 200 0242	35	31.8	1.4 / 1.9	-	-	4.8 <sup>Ⓞ</sup>	3.5	101	112	3.2 / 3.2														
<b>MS 182</b>	<b>NEW</b>	1148 200 0059	35	35.8	1.6 / 2.2	-	-	4.6 <sup>Ⓞ</sup>	2.8	103	112	3.1 / 3.7														
<b>MS 182 C-BE</b>	<b>NEW</b>	1148 200 0099	35	35.8	1.6 / 2.2	-	-	4.9 <sup>Ⓞ</sup>	3.0	103	112	3.1 / 3.7														
<b>MS 212</b>	<b>NEW</b>	1148 200 0139	35	38.6	1.8 / 2.4	-	-	4.6 <sup>Ⓞ</sup>	2.6	103	113	3.1 / 3.7														
<b>MS 212 C-BE</b>	<b>NEW</b>	1148 200 0179	35	38.6	1.8 / 2.4	-	-	4.9 <sup>Ⓞ</sup>	2.7	103	113	3.1 / 3.7														
<b>MS 230</b>		1123 200 0564 1123 200 0565	30 35	40.2	2.0 / 2.7	-	-	4.6 <sup>Ⓞ</sup>	2.3	101	113	6.9 / 8.9														
<b>MS 230 C-BE</b>		1123 200 0566 1123 200 0567	30 35	40.2	2.0 / 2.7	-	-	4.9 <sup>Ⓞ</sup>	2.5	101	113	6.3 / 7.2														
<b>MS 231</b>		1143 200 0216 1143 200 0217	30 35	42.6	2.0 / 2.7	-	-	4.8 <sup>Ⓞ</sup>	2.4	103	113	3.9 / 3.9														
<b>MS 231 C-BE</b>		1143 200 0218 1143 200 0219	30 35	42.6	2.0 / 2.7	-	-	5.1 <sup>Ⓞ</sup>	2.6	103	113	3.9 / 3.9														
<b>MS 250</b>		1123 200 0568 1123 200 0569	30 35	45.6	2.3 / 3.1	-	-	4.6 <sup>Ⓞ</sup>	2.0	101	114	6.9 / 8.9														
<b>MS 250 C-BE</b>		1123 200 0331 1123 200 0527	30 35	45.6	2.3 / 3.1	-	-	4.9 <sup>Ⓞ</sup>	2.2	101	114	5.2 / 7.2														
<b>MS 251</b>		1143 200 0672 1143 200 0673	35 40	45.6	2.2 / 3.0	-	-	4.8 <sup>Ⓞ</sup>	2.2	103	113	3.9 / 3.9														
<b>MS 251 C-BE</b>		1143 200 0670 1143 200 0671	35 40	45.6	2.2 / 3.0	-	-	5.1 <sup>Ⓞ</sup>	2.4	103	113	3.9 / 3.9														
<b>CHAINSAWS FOR AGRICULTURE AND HORTICULTURE</b>																										
<b>MSA 160 C-B</b>	<b>NEW</b>	MA03 200 0004	30	-	1.2 <sup>Ⓞ</sup> / -	1.5	36	3.1 <sup>Ⓞ</sup> / 3.5 <sup>Ⓞ</sup>	-	85	93	2.7 / 2.9														
<b>MSA 200 C-B</b>	<b>NEW</b>	MA03 200 0010	35	-	1.4 <sup>Ⓞ</sup> / -	1.8	36	3.1 <sup>Ⓞ</sup> / 3.5 <sup>Ⓞ</sup>	-	85	93	4.6 / 3.9														
<b>MSA 220 C-B</b>	<b>NEW</b>	MA03 200 0021	40	-	1.7 <sup>Ⓞ</sup> / -	2.1	36	3.1 <sup>Ⓞ</sup> / 3.7 <sup>Ⓞ</sup>	-	91	99	4.8 / 3.6														
<b>MS 151 C-E</b>		1146 200 0054 1146 200 0055	25 30	23.6	1.1 / 1.5	-	-	2.8 <sup>Ⓞ</sup>	2.5	95	108	4.9 / 4.9														
<b>MS 194 C-E</b>		1137 200 0332 1137 200 0408	30 35	31.8	1.4 / 1.9	-	-	3.6 <sup>Ⓞ</sup>	2.6	101	112	3.6 / 3.6														
<b>MS 271</b>		1141 200 0644 1141 200 0645	35 40	50.2	2.6 / 3.5	-	-	5.6 <sup>Ⓞ</sup>	2.2	103	113	4.5 / 4.5														
<b>MS 271 C-BE</b>		1141 200 0653 1141 200 0654	35 40	50.2	2.6 / 3.5	-	-	6.2 <sup>Ⓞ</sup>	2.4	103	113	4.5 / 4.5														

● Fitted as standard  
○ Retrofittable (accessory)

B = STIHL Quick Chain Tensioning  
C = Comfort version  
E = STIHL ErgoStart

Ⓞ The actual bar length is shorter than the stated bar length. Other available cutting attachments are detailed from page 136  
Ⓞ K-factor in accordance with Directive 2006 / 42 / EC = 2.0 dB(A)  
Ⓞ K-factor in accordance with Directive 2006 / 42 / EC = 2 m/s<sup>2</sup>

Ⓞ A detailed explanation of the STIHL saw chain types can be found from page 124  
Ⓞ Mechanical output as a comparative value for petrol-driven chainsaws  
Ⓞ Weight excluding battery, guide bar and saw chain  
Ⓞ Weight excluding battery, including guide bar and saw chain  
Ⓞ Weight including battery, excluding guide bar, saw chain and charger

Ⓞ Weight including battery, with guide bar and saw chain, excluding charger  
Ⓞ Weight excluding fuel, guide bar and saw chain  
Ⓞ Narrow cutting attachment



Order number	Bar length <sup>Ⓞ</sup> (cm)	Displacement (cm <sup>3</sup> )	Power output (kW / hp)	Power consumption (kW)	Rated voltage (V)	Weight (kg)	Power-to-weight ratio (kg / kW)	Sound pressure level <sup>Ⓞ</sup> (dB(A))	Sound power level <sup>Ⓞ</sup> (dB(A))	Vibration level, left / right <sup>Ⓞ</sup> (m/s <sup>2</sup> )	STIHL engine (2-MIX / 4-MIX <sup>Ⓞ</sup> ) / STIHL battery system	Cable length (m)	Saw chain pitch	STIHL Oilomatic saw chain type <sup>Ⓞ</sup>	Lightweight guide bar	Controlled-delivery oil pump	Side-mounted chain tensioning	STIHL Quick Chain Tensioning	Manual fuel pump	Decompression valve	STIHL ElastoStart	STIHL ErgoStart	Air filter system with routing	HD2 filter	Electrically heated handles	Electric carburettor heating	STIHL M-Tronic	STIHL Injection	Tool-free fuel cap	Overload protection	Soft handle	
																																MA02 200 0001 MA02 200 0004
<b>CHAINSAWS FOR AGRICULTURE AND HORTICULTURE</b>																																
<b>MS 291</b>	1141 200 0672 1141 200 0669	35 40	55.5	2.8 / 3.8	-	5.6 <sup>Ⓞ</sup>	2.0	103	114	4.5 / 4.5	2-MIX	3/8"	RM3	-	-	•	-	-	-	o	-	•	o	-	-	-	-	-	-	-	-	
<b>MS 291 C-BE</b>	1141 200 0671 1141 200 0670	35 40	55.5	2.8 / 3.8	-	6.2 <sup>Ⓞ</sup>	2.2	103	114	4.5 / 4.5	2-MIX	3/8"	RM3	-	-	-	•	•	-	-	•	•	o	-	-	-	-	-	-	-		
<b>MS 310</b>	1127 200 0346 1128 200 0347	37 40	59.0	3.2 / 4.4	-	5.9 <sup>Ⓞ</sup>	1.8	102	115	4.3 / 4.7	-	3/8" P	RS	-	-	•	-	-	-	o	-	•	o	-	-	-	-	-	-			
<b>MS 311</b>	1140 200 0725 1140 200 0729	40 45	59.0	3.1 / 4.2	-	6.2 <sup>Ⓞ</sup>	2.0	105	115	4.0 / 4.0	2-MIX	3/8"	RM	-	•	•	-	-	-	o	-	•	o	-	-	-	-	-	-			
<b>MS 391</b>	1140 200 0727 1140 200 0189	40 45	64.1	3.3 / 4.5	-	6.2 <sup>Ⓞ</sup>	1.9	105	115	4.0 / 4.0	2-MIX	3/8"	RM	-	•	•	-	-	-	o	-	•	o	-	-	-	-	-	-			
<b>CHAINSAWS FOR FORESTRY WORK</b>																																
<b>MSA 300</b>	MA02 200 0001 MA02 200 0004	35 40	-	2.5 <sup>Ⓞ</sup> / -	3.0	36	4.5 <sup>Ⓞ</sup> / 5.4 <sup>Ⓞ</sup>	-	93	104	2.6 / 2.8	AP-System	.325"	RS Pro	-	•	•	-	-	-	-	-	-	-	-	-	-	-	-	-		
<b>MSA 300 C-O</b>	MA02 200 0021 MA02 200 0024	35 40	-	2.5 <sup>Ⓞ</sup> / -	3.0	36	4.5 <sup>Ⓞ</sup> / 5.4 <sup>Ⓞ</sup>	-	93	104	2.6 / 2.8	AP-System	.325"	RS Pro	-	•	•	-	-	-	-	-	-	-	-	-	-	-	-	-		
<b>MS 201 C-M</b>	1145 200 0265 1145 200 0266	30 35	35.2	1.8 / 2.4	-	4.0 <sup>Ⓞ</sup>	2.2	99	110	3.3 / 3.3	2-MIX	3/8" P 3/8" P	PS PS	•	•	•	-	-	-	-	-	-	-	-	-	-	-	-	-			
<b>MS 260</b>	1121 200 0254 1121 200 0255	37 40	50.2	2.6 / 3.5	-	4.9 <sup>Ⓞ</sup>	1.8	99	113	3.6 / 4.1	-	.325"	RS	-	•	•	-	-	-	•	•	-	-	-	-	-	-	-	-			
<b>MS 261 C-M</b>	1141 200 0646 1141 200 0647	35 40	50.2	3.0 / 4.1	-	4.9 <sup>Ⓞ</sup>	1.6	105	114	3.5 / 3.5	2-MIX	.325"	RS Pro	-	•	•	-	-	-	•	•	-	•	•	-	-	•	-	-			
<b>MS 261 C-BM</b>	1141 200 0648 1141 200 0649	35 40	50.2	3.0 / 4.1	-	5.1 <sup>Ⓞ</sup>	1.7	105	114	3.5 / 3.5	2-MIX	.325"	RS Pro	-	•	-	•	-	-	•	•	-	•	•	-	-	•	-	-			
<b>MS 261 C-M VW</b>	1141 200 0650 1141 200 0651	35 40	50.2	3.0 / 4.1	-	5.1 <sup>Ⓞ</sup>	1.7	105	114	3.5 / 3.5	2-MIX	.325"	RS Pro	-	•	•	-	-	-	•	•	-	•	•	•	•	•	-	-			
<b>MS 361</b>	1135 200 0491 1135 200 0475	37 40	59.0	3.4 / 4.6	-	5.6 <sup>Ⓞ</sup>	1.6	103	115	3.6 / 3.6	2-MIX	3/8"	RS	-	•	•	-	-	-	•	•	-	-	-	-	-	-	-	-			
<b>MS 362 C-M</b>	1140 200 0717 1140 200 0488	40 45	59.0	3.5 / 4.8	-	5.6 <sup>Ⓞ</sup>	1.6	106	115	3.5 / 3.5	2-MIX	3/8"	RS	-	•	•	-	-	-	•	•	-	•	•	-	-	•	-	-			
<b>MS 362 C-M VW</b>	1140 200 0720 1140 200 0505	40 45	59.0	3.5 / 4.8	-	5.8 <sup>Ⓞ</sup>	1.7	106	115	3.5 / 3.5	2-MIX	3/8"	RS	-	•	•	-	-	-	•	•	-	•	•	•	•	•	-	-			
<b>MS 382</b>	1119 200 0257	45	72.2	3.9 / 5.3	-	6.2 <sup>Ⓞ</sup>	1.6	106	118	5.4 / 5.4	-	3/8"	RS	-	•	•	-	-	-	•	•	-	-	-	-	-	-	-	-			
<b>MS 400 C-M</b>	1140 200 0520 1140 200 0521	40 45	66.8	4.0 / 5.4	-	5.8 <sup>Ⓞ</sup>	1.5	107	116	3.5 / 3.5	2-MIX	3/8"	RS	-	•	•	-	-	-	•	•	-	•	•	-	-	•	-	-			
<b>MS 462 C-M</b>	1142 200 0011 1142 200 0012 1142 200 0028	40 45 50	72.2	4.4 / 6.0	-	6.0 <sup>Ⓞ</sup>	1.4	108	118	4.8 / 3.6	2-MIX	3/8"	RS	-	•	•	-	-	-	•	•	-	•	•	-	-	•	-	-			
<b>MS 462 C-M VW</b>	1142 200 0023 1142 200 0024 1142 200 0029	40 45 50	72.2	4.4 / 6.0	-	6.1 <sup>Ⓞ</sup>	1.4	108	118	4.8 / 3.6	2-MIX	-	3/8"	RS	-	•	•	-	-	-	•	•	-	•	•	•	•	-	-			
<b>MS 500i</b>	1147 200 0000 1147 200 0001 1147 200 0002	50 63 71	79.2	5.0 / 6.8	-	6.2 <sup>Ⓞ</sup>	1.2	106	117	4.2 / 4.0	2-MIX	-	3/8"	RS	•	•	•	-	-	•	•	•	-	-	•	-	-	-	-			
<b>MS 500i W</b>	1147 200 0003 1147 200 0004 1147 200 0005	50 63 71	79.2	5.0 / 6.8	-	6.3 <sup>Ⓞ</sup>	1.3	106	117	4.2 / 4.0	2-MIX	-	3/8"	RS	•	•	•	-	-	•	•	•	-	-	•	•	-	-	-			
<b>MS 651</b>	1144 200 0240 1140 200 0219 1144 200 0189	45 50 63	91.1	5.0 / 6.8	-	7.3 <sup>Ⓞ</sup>	1.5	107	119	6.9 / 6.9	-	3/8"	RS	-	•	•	-	-	-	•	•	-	-	•	-	-	-	-				

• Fitted as standard  
o Retrofittable (accessory)  
B = STIHL Quick Chain Tensioning  
C = Comfort version  
E = STIHL ErgoStart  
i = STIHL Injection  
M = STIHL M-Tronic  
O = Oil sensor  
V = Electric carburettor heating  
W = Electrically heated handles

Ⓞ The actual bar length is shorter than the stated bar length.  
Other available cutting attachments are detailed from page 136  
Ⓞ K-factor in accordance with Directive 2006 / 42 / EC = 2.0 dB(A)  
Ⓞ K-factor in accordance with Directive 2006 / 42 / EC = 2 m/s<sup>2</sup>  
Ⓞ A detailed explanation of the STIHL saw chain types can be found from page 124

Ⓞ Mechanical output as a comparative value for petrol-driven chainsaws  
Ⓞ Weight excluding battery, guide bar and saw chain  
Ⓞ Weight excluding battery, including guide bar and saw chain  
Ⓞ Weight excluding fuel, guide bar and saw chain



Order number	Bar length <sup>①</sup> (cm)	Displacement (cm <sup>3</sup> )	Power output (kW / hp)	Power consumption (kW)	Rated voltage (V)	Weight (kg)	Power-to-weight ratio (kg / kW)	Sound pressure level <sup>②</sup> (dB(A))	Sound power level <sup>③</sup> (dB(A))	Vibration level, left / right <sup>④</sup> (m/s <sup>2</sup> )	STIHL engine (2-MIX / 4-MIX <sup>®</sup> ) / STIHL battery system	Cable length (m)	Saw chain pitch	STIHL Oilomatic saw chain type <sup>⑤</sup>	Lightweight guide bar	Controlled-delivery oil pump	Side-mounted chain tensioning	STIHL Quick Chain Tensioning	Manual fuel pump	Decompression valve	STIHL ElastoStart	STIHL ErgoStart	Air filter system with routing	HD2 filter	Electrically heated handles	STIHL M-Tronic	Tool-free fuel cap	Overload protection	Soft handle
<b>CHAINSAWS FOR FORESTRY WORK</b>																													
1122 200 0389 1122 200 0541	50 63	91.6	5.2 / 7.1	-	-	7.3 <sup>④</sup>	1.4	101	114	7.0 / 7.0	-	-	3/8"	RS	o	•	•	-	-	•	•	-	-	o	-	-	•	-	-
1144 200 0364 1144 200 0322 1144 200 0319	50 63 71	91.1	5.4 / 7.3	-	-	7.4 <sup>④</sup>	1.4	105	115	6.9 / 5.6	2-MIX	-	3/8"	RS	•	•	•	-	-	•	•	-	-	•	-	•	•	-	-
1144 200 0415 1144 200 0346 1144 200 0344	50 63 71	91.1	5.4 / 7.3	-	-	7.6 <sup>④</sup>	1.4	105	115	6.9 / 5.6	2-MIX	-	3/8"	RS	•	•	•	-	-	•	•	-	-	•	•	•	•	-	-
1124 200 0201 1124 200 0199 1124 200 0200 1124 200 0206	63 75 90 105	121.6	6.4 / 8.7	-	-	9.9 <sup>④</sup>	1.5	106	118	8.9 / 8.9	2-MIX	-	.404"	RS	-	•	•	-	-	•	•	-	-	•	-	-	•	-	-
<b>CHAINSAWS WITH CARBIDE SAW CHAINS</b>																													
1143 200 0220	35	42.6	2.0 / 2.7	-	-	5.1 <sup>④</sup>	2.6	103	113	3.9 / 3.9	2-MIX	-	3/8" P	PD3	o	-	-	•	•	-	-	•	•	o	-	-	•	-	-
1141 200 0667	40	50.2	3.0 / 4.1	-	-	4.9 <sup>④</sup>	1.6	105	114	3.5 / 3.5	2-MIX	-	.325"	RD3 Pro	-	•	•	-	-	•	•	-	•	•	-	•	•	-	-
1140 200 0751	40	59.0	3.5 / 4.8	-	-	5.6 <sup>④</sup>	1.6	106	115	3.5 / 3.5	2-MIX	-	3/8"	RD3	-	•	•	-	-	•	•	-	•	•	-	•	•	-	-
MA03 200 0027	35	-	1.7 <sup>④</sup> / -	2.1	36	3.1 <sup>④</sup> / 3.7 <sup>④</sup>	-	91	99	4.8 / 3.6	AP-System	-	3/8" P	PD3	-	-	-	•	-	-	-	-	-	-	-	-	•	•	•
1209 200 0159	35	-	-	2.1	230	4.0 <sup>④</sup>	-	93	104	3.4 / 4.2	-	4.0	3/8" P	PD3	o	-	-	•	-	-	-	-	-	-	-	-	•	•	•
<b>ARBORIST SAWS</b>																													
1252 200 0043 1252 200 0044	25 30	-	1.0 <sup>④</sup> / -	1.25	36	2.1 <sup>④</sup> / 2.5 <sup>④</sup>	-	83	94	2.1 / 2.2	AP-System	-	1/4" P	PM3	-	-	•	-	-	-	-	-	-	-	-	-	•	•	•
MA01 200 0044 MA01 200 0045	30 35	-	1.7 <sup>④</sup> / -	2.1	36	2.7 <sup>④</sup> / 3.3 <sup>④</sup>	-	94	104	3.4 / 3.0	AP-System	-	3/8" P	PS3 Pro	•	•	•	-	-	-	-	-	-	-	-	-	•	•	-
MA01 200 0046 MA01 200 0047	30 35	-	1.7 <sup>④</sup> / -	1.7	36	2.7 <sup>④</sup> / 3.3 <sup>④</sup>	-	94	104	3.4 / 3.0	AP-System	-	3/8" P	PS3 Pro	•	•	•	-	-	-	-	-	-	-	-	-	•	•	-
1146 200 0056 1146 200 0057	25 30	23.6	1.1 / 1.5	-	-	2.6 <sup>④</sup>	2.4	96	107	4.9 / 4.9	2-MIX	-	1/4" P	PM3	-	-	•	-	•	-	-	•	-	-	-	-	•	-	-
1137 200 0314 1137 200 0312	30 35	31.8	1.4 / 1.9	-	-	3.3 <sup>④</sup>	2.4	100	110	3.6 / 3.6	2-MIX	-	1/4" P	PM3	-	-	•	-	•	-	•	-	-	-	-	-	•	-	-
1145 200 0329 1145 200 0328	30 35	35.2	1.8 / 2.4	-	-	3.7 <sup>④</sup>	2.1	100	111	3.5 / 3.1	2-MIX	-	3/8" P	PS3 Pro	•	•	•	-	-	-	•	-	-	-	-	•	•	-	-

• Fitted as standard  
o Retrofittable (accessory)  
B = STIHL Quick Chain Tensioning  
C = Comfort version  
E = STIHL ErgoStart  
M = STIHL M-Tronic  
T = Top handle  
W = Electrically heated handles

① The actual bar length is shorter than the stated bar length. Other available cutting attachments are detailed from page 136  
② K-factor in accordance with Directive 2006 / 42 / EC = 2.0 dB(A)  
③ K-factor in accordance with Directive 2006 / 42 / EC = 2 m/s<sup>2</sup>  
④ A detailed explanation of the STIHL saw chain types can be found from page 124

⑤ Mechanical output as a comparative value for petrol-driven chainsaws  
⑥ Weight excluding battery, guide bar and saw chain  
⑦ Weight excluding battery, including guide bar and saw chain  
⑧ Weight excluding fuel, guide bar and saw chain  
⑨ Weight excluding cable, chain oil, guide bar and saw chain



Order number	Bar length <sup>Ⓞ</sup> (cm)	Displacement (cm <sup>2</sup> )	Power output (kW / hp)	Power consumption (kW)	Rated voltage (V)	Weight (kg)	Power-to-weight ratio (kg / kW)	Sound pressure level <sup>Ⓞ</sup> (dB(A))	Sound power level <sup>Ⓞ</sup> (dB(A))	Vibration level, left / right <sup>Ⓞ</sup> (m/s <sup>2</sup> )	STIHL engine (2-MIX / 4-MIX <sup>®</sup> ) / STIHL battery system	Cable length (m)	Saw chain pitch	STIHL Oilomatic saw chain type <sup>Ⓞ</sup>	Total length including cutting attachment (cm)	Lightweight guide bar	Controlled-delivery oil pump	Side-mounted chain tensioning	STIHL Quick Chain Tensioning	Manual fuel pump	Decompression valve	STIHL ErgoStart	Air filter system with routing	HD2 filter	STIHL M-Tronic	STIHL anti-vibration system	Tool-free fuel cap	Overload protection	LED overload indicator	Soft handle	Automatic decompression				
<b>CARVING SAWS</b>																																			
<b>MSA 200 C-B</b>	<b>NEW</b>	MA03 200 0011	30	-	1.4 <sup>Ⓞ</sup> / -	1.8	36	3.1 <sup>Ⓞ</sup> / 3.3 <sup>Ⓞ</sup>	-	85	93	4.6 / 3.9	-	AP-System	-	1/4" P	PM3	-	-	-	•	•	-	-	-	-	-	-	-	-	-	-	-		
<b>MS 151 C-E</b>		1146 200 0059	30	23.6	1.1 / 1.5	-	-	2.8 <sup>Ⓞ</sup>	2.5	96	108	4.9 / 4.9	-	2-MIX	-	1/4" P	PM3	-	-	-	•	-	•	-	-	-	-	-	-	-	-	-	-		
<b>MS 194 C-E</b>		1137 200 0334	30	31.8	1.4 / 1.9	-	-	3.6 <sup>Ⓞ</sup>	2.6	101	112	3.6 / 3.6	-	2-MIX	-	1/4"	RMS	-	-	-	•	-	•	-	-	-	-	-	-	-	-	-	-		
<b>EMERGENCY SERVICES SAWS</b>																																			
<b>MS 462 C-M R</b>		1142 200 0025	50	72.2	4.4 / 6.0	-	-	6.5 <sup>Ⓞ</sup>	1.5	108	119	3.3 / 2.7	-	2-MIX	-	3/8"	RDR	-	-	•	•	-	-	•	-	•	-	-	-	-	-	-	-		
<b>ELECTRIC CHAINSAWS</b>																																			
<b>MSE 141</b>		1208 200 0304 1208 200 0332	30 35	-	-	1.4	230	3.6 <sup>Ⓞ</sup>	-	90	101	3.3 / 4.2	-	-	0.3	3/8" P	PM3 <sup>Ⓞ</sup>	-	•	-	•	-	-	-	-	-	-	-	-	-	-	-	-		
<b>MSE 170</b>		1209 200 0154 1209 200 0155	30 35	-	-	1.7	230	3.8 <sup>Ⓞ</sup>	-	92	103	2.9 / 3.4	-	-	0.5	3/8" P	PM3 <sup>Ⓞ</sup>	-	•	-	•	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>MSE 170 C-B</b>		1209 200 0162 1209 200 0164	30 35	-	-	1.7	230	3.9 <sup>Ⓞ</sup>	-	92	103	2.9 / 3.4	-	-	4.0	3/8" P	PM3 <sup>Ⓞ</sup>	-	•	-	-	•	-	-	-	-	-	-	-	-	-	-	-	-	
<b>MSE 190</b>		1209 200 0158 1209 200 0157	30 35	-	-	1.9	230	3.8 <sup>Ⓞ</sup>	-	92	103	2.9 / 3.4	-	-	1.7	3/8" P	PM3	-	•	-	•	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>MSE 190 C-B</b>		1209 200 0165 1209 200 0153	30 35	-	-	1.9	230	3.9 <sup>Ⓞ</sup>	-	92	103	2.9 / 3.4	-	-	4.0	3/8" P	PM3	-	•	-	-	•	-	-	-	-	-	-	-	-	-	-	-	-	
<b>MSE 210 C-B</b>		1209 200 0092 1209 200 0002	30 35	-	-	2.1	230	4.0 <sup>Ⓞ</sup>	-	93	104	3.4 / 4.2	-	-	4.0	3/8" P	PM3	-	•	-	-	•	-	-	-	-	-	-	-	-	-	-	-	-	
<b>MSE 250</b>		1210 200 0032 1210 200 0003	40 45	-	-	2.5	230	4.6 <sup>Ⓞ</sup>	-	94	105	3.1 / 4.1	-	-	4.0	3/8"	RS3	-	-	-	•	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>POLE PRUNERS</b>																																			
<b>HTA 50</b>		LA02 011 6400	25	-	0.6 <sup>Ⓞ</sup> / -	0.8	36	3.6 <sup>Ⓞ</sup>	-	78	94	0.5 / 1.0	-	AK-System	-	1/4"	PM3	280	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>HTA 50 SET</b> with AK 20 + AL 101		LA02 200 0001	25	-	0.6 <sup>Ⓞ</sup> / -	0.8	36	4.8 <sup>Ⓞ</sup>	-	78	94	0.5 / 1.0	-	AK-System	-	1/4"	PM3	280	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>HT 56 C-E</b>		4139 200 0007	25	27.2	0.8 / 1.1	-	-	6.4 <sup>Ⓞ</sup>	-	91	106	5.2 / 4.9	-	2-MIX	-	1/4" P	PM3	280	-	-	•	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>HTA 66</b>		LA03 200 0004	25	-	0.85 <sup>Ⓞ</sup> / -	1.1	36	3.3 <sup>Ⓞ</sup>	-	78	93	1.0 / 1.0	-	AP-System	-	1/4" P	PM3	240	-	-	•	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>HTA 66 K</b>	<b>NEW</b>	LA03 011 6416	30	-	0.85 <sup>Ⓞ</sup> / -	1.1	36	3.1 <sup>Ⓞ</sup>	-	82	93	1.2 / 1.4	-	AP-System	-	1/4" P	PM3	198.5	-	-	•	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>HTA 86</b>		LA03 200 0002	30	-	0.85 <sup>Ⓞ</sup> / -	1.1	36	4.6 <sup>Ⓞ</sup>	-	77	93	1.0 / 1.0	-	AP-System	-	1/4" P	PM3	270 - 390	-	-	•	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>HT 75</b>		4138 200 0054	30	25.4	0.95 / 1.3	-	-	7.3 <sup>Ⓞ</sup>	-	92	110	4.6 / 6.0	-	-	-	3/8" P	PM3 <sup>Ⓞ</sup>	270 - 390	-	-	•	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>HT 105</b>		4182 200 0194	30	31.4	1.5 / 1.4	-	-	7.9 <sup>Ⓞ</sup>	-	92	108	5.0 / 5.5	-	4-MIX <sup>®</sup>	-	1/4" P	PM3	270 - 390	-	-	•	-	•	-	-	-	-	-	-	-	-	-	-	-	-
<b>HTA 135</b>		LA01 200 0002	30	-	1.1 <sup>Ⓞ</sup> / -	1.5	36	6.8 <sup>Ⓞ</sup>	-	83	96	4.3 / 5.1	-	AP-System	-	1/4" P	PM3	285 - 405	-	-	•	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>HTA 150</b> Forestry variant	<b>NEW</b>	LA01 200 0020	30	-	1.4 <sup>Ⓞ</sup> / -	1.8	36	4.7 <sup>Ⓞ</sup>	-	94	100	3.6 / 4.8	-	AP-System	-	3/8" P	PM3	196	-	-	•	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>HTA 150</b> Maintenance variant	<b>NEW</b>	LA01 200 0021	30	-	1.4 <sup>Ⓞ</sup> / -	1.8	36	4.7 <sup>Ⓞ</sup>	-	89	96	3.6 / 4.8	-	AP-System	-	1/4" P	PM3	196	-	-	•	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>HTA 160</b>	<b>NEW</b>	LA01 200 0015	30	-	1.4 <sup>Ⓞ</sup> / -	1.8	36	6.9 <sup>Ⓞ</sup>	-	85	101	4.3 / 5.1	-	AP-System	-	1/4" P	PM3	285 - 405	-	-	•	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>HT 134</b>		4182 200 0203	30	36.3	1.4 / 1.9	-	-	6.0 <sup>Ⓞ</sup>	-	92	109	3.2 / 3.2	-	4-MIX <sup>®</sup>	-	3/8" P	PM3	212	-	-	•	-	•	-	-	-	-	-	-	-	-	-	-	-	-
<b>HT 135</b>		4182 200 0198	30	36.3	1.4 / 1.9	-	-	7.9 <sup>Ⓞ</sup>	-	92	109	4.3 / 4.8	-	4-MIX <sup>®</sup>	-	1/4" P	PM3	270 - 390	-	-	•	-	•	-	-	-	-	-	-	-	-	-	-	-	-

• Fitted as standard  
 ◦ Retrofittable (accessory)  
 B = STIHL Quick Chain Tensioning  
 C = Comfort version  
 E = STIHL ErgoStart  
 M = STIHL M-Tronic  
 R = Emergency services saw  
 Ⓞ The actual bar length is shorter than the stated bar length. Other available cutting attachments are detailed from page 136  
 Ⓞ K-factor in accordance with Directive 2006/42/EC = 2.0 dB(A)  
 Ⓞ K-factor in accordance with Directive 2006/42/EC = 2 m/s<sup>2</sup>  
 Ⓞ A detailed explanation of the STIHL saw chain types can be found from page 124  
 Ⓞ Mechanical output as a comparative value for petrol-driven chainsaws  
 Ⓞ Mechanical output as a comparative value for petrol-driven pole pruners  
 Ⓞ Weight excluding battery, guide bar and saw chain  
 Ⓞ Weight excluding battery, including guide bar and saw chain  
 Ⓞ Weight excluding fuel, guide bar and saw chain  
 Ⓞ Weight excluding cable, chain oil, guide bar and saw chain  
 Ⓞ Weight including battery, excluding guide bar and saw chain, excluding charger  
 Ⓞ Weight excluding battery, guide bar and saw chain, including protective foot  
 Ⓞ Narrow cutting attachment



# STIHL SAW CHAINS AND GUIDE BARS

## FOR POWERFUL CUTTING, MAXIMUM PRECISION AND A LONG SERVICE LIFE

All saw chains and guide bars produced by STIHL are developed in-house and meet the highest quality standards. This helps us to ensure that the cutting attachment and powerhead are perfectly coordinated and deliver the best possible performance as you work.

### SPECIFIC SHAPE OF CUTTING TOOTH

The special tooth shape determines the customer benefit during use, for example, cutting performance, long service life, or sharpening characteristics of the saw chain. Every user can therefore find the right saw chain. More on tooth shapes on our saw chains from page 124.

### WEAR MARKS

The blade teeth of STIHL saw chains are supplied with markings on the running face of the tooth to support practical handling and easy orientation. These indicate when a blade tooth needs to be resharpened or is wearing out.

### STIHL EMATIC SYSTEM



The STIHL Ematic system strikes the perfect balance between sufficient chain lubrication and low consumption of chain lubricant. Depending on the cutting attachment and the type of wood you are working with, the system allows chain lubricant consumption to be reduced by up to 50% compared to conventional cutting attachments. The system comprises a STIHL Ematic guide bar, an Oilomatic saw chain and a variable-flow or reduced-flow oil pump.

### STIHL OILOMATIC SAW CHAINS

A fine oil channel and recesses indented in each drive link ensure that saw chains and guide bars are constantly and evenly lubricated, while reducing wear and prolonging the service life compared to conventional saw chains.

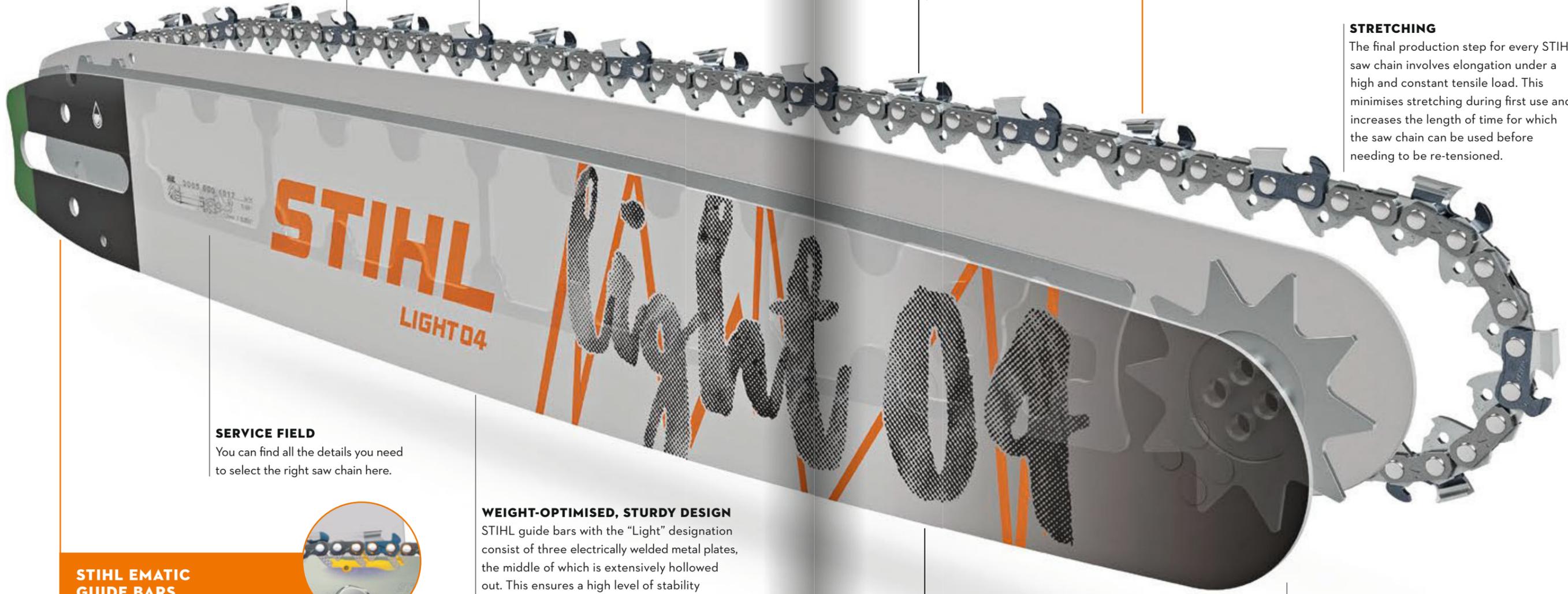


### HARD CHROME COATING

To make the blade teeth more hard-wearing, their top plates are also galvanised during production.

### STRETCHING

The final production step for every STIHL saw chain involves elongation under a high and constant tensile load. This minimises stretching during first use and increases the length of time for which the saw chain can be used before needing to be re-tensioned.



### SERVICE FIELD

You can find all the details you need to select the right saw chain here.

### STIHL EMATIC GUIDE BARS

Ematic guide bars ensure that virtually every drop of chain lubricant is delivered to the Oilomatic saw chain via the optimised Ematic ramp.



### WEIGHT-OPTIMISED, STURDY DESIGN

STIHL guide bars with the "Light" designation consist of three electrically welded metal plates, the middle of which is extensively hollowed out. This ensures a high level of stability combined with reduced weight, and allows for strength-saving work. Special lightweight guide bars that weigh even less are identified by a "P" in the product name.

### HARDENED CHAIN TRACK

To ensure a long guide bar service life, the chain track is hardened using electromagnetic induction, making it especially hard-wearing.

### SPROCKET NOSE WITH SEALED BEARING

The sealed bearing with lifetime lubrication prevents the penetration of dirt which could cause corrosion. The bar is low-maintenance and has a long service life.



# STIHL SAW CHAINS

## SWISS PRECISION

For decades, STIHL saw chains have been manufactured at our in-house plant in Wil, Switzerland using specialised machines that we have designed ourselves. This strong focus on the product makes all the difference: Today STIHL offers saw chains for every application, every type and thickness of wood, every performance class and numerous chainsaw brands. What all of our saw chains have in common is that they deliver outstanding cutting performance, are durable and extremely quiet in use.

## MICRO

### RELIABLE AND COMFORTABLE

Micro saw chains are particularly reliable and comfortable to use. The half-chisel tooth chain offers a high-quality cut with minimum vibration, and is easy to sharpen correctly. In addition, the rounded blade tooth allows for simple sharpening, making the saw chain very popular with occasional users and professionals alike.



### MICRO SAW CHAINS

- ✓ SOFT CUTTING CHARACTERISTICS
- ✓ LOW CHATTER
- ✓ EASY TO SHARPEN CORRECTLY



	1/4" P	1/4"	3/8" P	.325"	3/8"	.404"
1.3 cm	-	3660	3613	3693 <sup>②</sup>	3650	-
1.5 cm <sup>①</sup>	-	-	-	3685	3651	-
1.6 cm	-	-	-	3686	3652	3668

### MICRO 3 SAW CHAINS

- ✓ LOW-KICKBACK AND MINIMUM VIBRATION COURTESY OF THE HUMPED DRIVE LINK (3)
- ✓ LOW CHATTER
- ✓ EASY TO SHARPEN CORRECTLY



	1/4" P	1/4"	3/8" P	.325"	3/8"	.404"
1.1 cm	3670	-	3610 <sup>②</sup>	-	-	-
1.3 cm	-	-	3636	3695 <sup>②</sup>	3662	-
1.5 cm <sup>①</sup>	-	-	-	3688	-	-
1.6 cm	-	-	-	3689	3664	-

NEW <sup>①</sup> Chains for saws from other manufacturers  
<sup>②</sup> Narrow cutting attachment (Pro)

## SUPER

### POWERFUL AND STRONG



Super saw chains are ideal for professional forestry and harvesting wood. The full-chisel tooth and low cutting resistance allow for a very strong cutting performance.

### SUPER SAW CHAINS

- ✓ EXCELLENT PIERCING AND CUTTING PERFORMANCE
- ✓ HIGH-QUALITY CUT
- ✓ LOW CHATTER



	1/4" P	1/4"	3/8" P	.325"	3/8"	.404"
1.3 cm	-	-	3617	3690 <sup>②</sup>	3623	-
1.5 cm <sup>①</sup>	-	-	-	3638	3622	-
1.6 cm	-	-	-	3639	3621	3946

### SUPER 3 SAW CHAINS

- ✓ LOW-KICKBACK AND MINIMUM VIBRATION COURTESY OF THE HUMPED DRIVE LINK (3)
- ✓ LOW CHATTER
- ✓ EXCELLENT PIERCING AND CUTTING PERFORMANCE



	1/4" P	1/4"	3/8" P	.325"	3/8"	.404"
1.1 cm	-	-	3699 <sup>②</sup>	-	-	-
1.3 cm	-	-	3616	3694 <sup>②</sup>	3624	-
1.6 cm	-	-	-	-	3626	-



### THE POWER DUO: 3/8"-PS3 PRO AND LIGHT O4

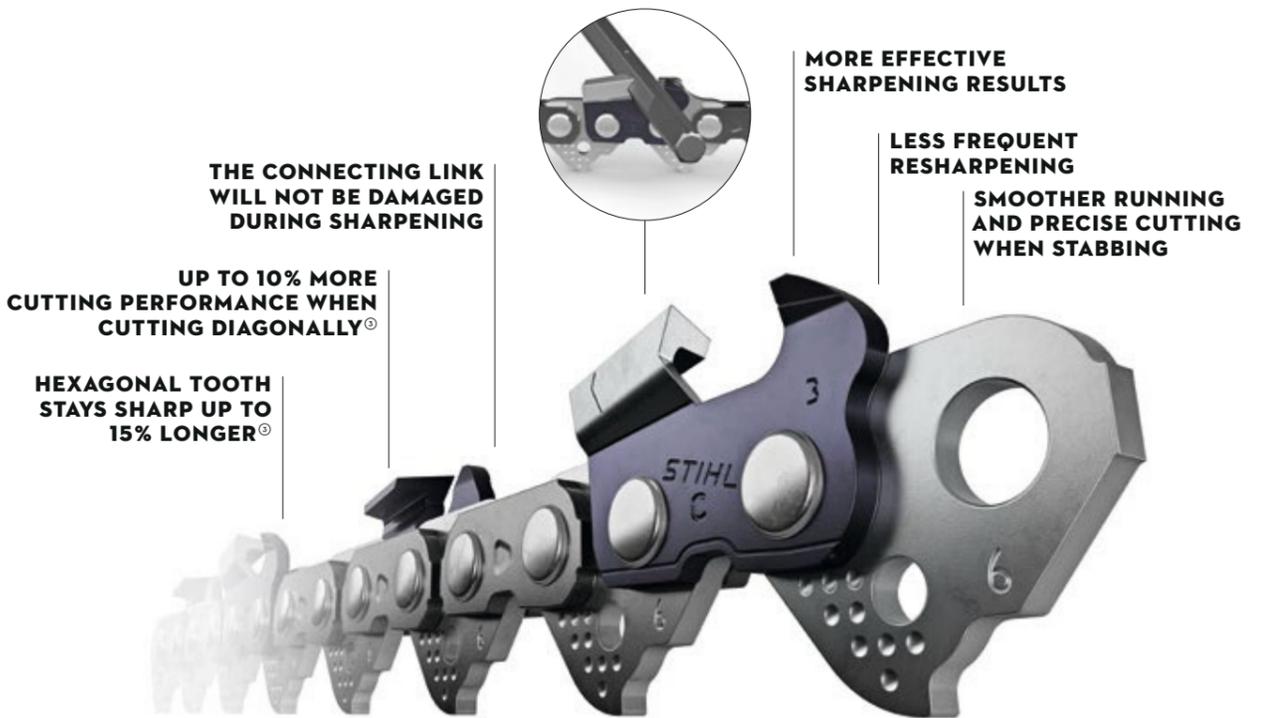
The ideal cutting system for battery and petrol-driven chainsaws with a performance class of 1.6–2.0 kW: the 3/8"-PS3 Pro saw chain and the Light O4 guide bar with 1.1 mm groove width. The slender blade tooth and guide bar allow for up to 20% improved cutting performance compared to a conventional 3/8"-PS saw chain with a drive link thickness of 1.3 mm. But it is not just the superb efficiency of the cutting attachment that you'll notice; its easy handling is just as impressive. Even when you apply a little more pressure as you saw, the chain glides virtually effortlessly through the wood. The result: a precise, clean cut in next to no time.



# HEXA

WORK MORE EFFECTIVELY: LONGER SERVICE LIFE WITH CONSTANTLY HIGH CUTTING PERFORMANCE

Our Hexa saw chains are ideal for professional forestry and tree maintenance. The Hexa chain has distinctive V-shaped teeth. This special design keeps the chain sharp for up to 15% longer<sup>①</sup> and has a longer service life. The exclusively developed hexagonal file is perfectly adapted to the shape of the Hexa blade teeth so that saw chains can be sharpened less frequently, but also more quickly and easily in comparison with other saw chains.



## HEXA SAW CHAINS

- ✓ WORK MORE EFFECTIVELY
- ✓ QUICKER RESHARPENING
- ✓ STAYS SHARP FOR UP TO 15% LONGER<sup>①</sup>

	1/4" P	1/4"	3/8" P	.325"	3/8"	.404"	
1.6 cm	-	-	-	-	-	-	3132

## HEXA 3 SAW CHAINS

- ✓ LOW-KICKBACK COURTESY OF THE HUMPED DRIVE LINK (3)
- ✓ WORK MORE EFFECTIVELY
- ✓ QUICKER RESHARPENING
- ✓ STAYS SHARP FOR UP TO 15% LONGER<sup>①</sup>

	1/4" P	1/4"	3/8" P	.325"	3/8"	.404"	
1.6 cm	-	-	-	-	-	-	3134

① Chains for saws from other manufacturers  
 ② Narrow cutting attachment (Pro)  
 ③ Compared with the 3/8"-RS chain



## HEXA UPGRADE KITS

For easily retrofitting your STIHL chainsaw to the new Hexa cutting system

- Each kit contains:**
- 2 × Hexa saw chains
  - 1 × Hexa file (5.2 × 200 mm)
  - 1 × wooden handle for the Hexa file



Order number	Use for	Bar length (cm)	Saw chain pitch	Drive link thickness (mm)	2 x saw chain	
<b>HEXA UPGRADE KITS</b>						
UPGRADE KIT 2	3132 007 4700	MS 362, MS 400, MS 462, MS 500i	40	3/8"	1.6	3132 000 0060
UPGRADE KIT 3	3132 007 4701	MS 362, MS 400, MS 462, MS 500i	45	3/8"	1.6	3132 000 0066
UPGRADE KIT 4	3132 007 4702	MS 362, MS 400, MS 462, MS 500i, MS 661	50	3/8"	1.6	3132 000 0072
UPGRADE KIT 5	3132 007 4703	MS 362, MS 400, MS 462, MS 500i, MS 661	63	3/8"	1.6	3132 000 0084

## DURO

FOR THE TOUGHEST WORK

Duro saw chains are ideal for demanding applications, e.g. when cutting dirty wood. Their special carbide plating makes these saw chains particularly robust and low-wear. They stay sharp for up to ten times longer without sharpening, making them significantly more durable than conventional saw chains.

## DURO 3 SAW CHAINS

- ✓ LOW-KICKBACK AND MINIMUM VIBRATION COURTESY OF THE HUMPED DRIVE LINK (3)
- ✓ FOR PARTICULARLY DEMANDING APPLICATIONS
- ✓ STAYS SHARP UP TO TEN TIMES LONGER THAN CONVENTIONAL SAW CHAINS WITHOUT SHARPENING



	1/4" P	1/4"	3/8" P	.325"	3/8"	.404"	
1.3 cm	-	-	-	3696 <sup>②</sup>	3681	-	-
1.5 cm <sup>③</sup>	-	-	-	3666	3682	-	-
1.6 cm	-	-	-	3667	3683	-	-

➔ Our chainsaws that are already equipped with Duro-3 saw chains on delivery can be found from page 91.



## SAW CHAINS FOR SPECIALISED APPLICATIONS

We offer saw chains that are especially tailored for specialised and particularly demanding applications. The matching guide bars are also available from STIHL, see page 130.

### CARVING



Special saw chain for wood carving. Minimum vibration, very good cutting performance, shortened cutter top plate means it is not necessary to apply pressure when piercing, capable of a noticeably better piercing speed compared to conventional 1/4" saw chains.



### EMERGENCY RESCUE (RDR)



Special saw chain for the toughest jobs, suitable for use by fire services, emergency services and technical assistance teams (e.g. for wood with nails, composite material and bulletproof glass). Blade teeth with all-over plating made from impact-resistant carbide plates.



	Chain pitch for standard chain	Chain pitch for special applications	Chain for special applications	Bar for special applications
<b>CARVING</b>				
MS 151, MSA 60, MSA 70, MSA 120, MSA 140, MSA 160, MSA 200	1/4" P	1/4" P	3670 000 0064	3005 000 3105
MS 162, MS 172, MS 182, MS 212	3/8"	1/4"ⓐ	3661 000 0064	3005 000 3205
MS 170, MS 171, MS 180, MS 181, MS 194	3/8"	1/4"ⓐ	3661 000 0064	3005 000 3205
<b>EMERGENCY SERVICES (RDR)</b>				
MS 462 C-M R	3/8"	3/8"	3944 000 0072	3005 002 9421

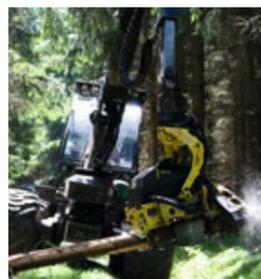
### CUTTING TO LENGTH

Tree harvester / firewood processor (RMHS, RMH)



Robust and durable saw chain for use on special machines in mechanical wood harvesting and firewood preparation. Reduced tensions result in low levels of crack formation with low wear and a particularly long service life. **Must not be used on hand-guided chainsaws.**

More information is available from your STIHL dealer.



### LONGITUDINAL CUT (RMX, PMX)



Special longitudinal cut saw chain for use on longitudinal cut tools as well as mobile small sawmills. Half-chisel tooth chain with high cut quality, with a low level of vibration and soft cutting characteristics.

More information is available from your STIHL dealer.



ⓐ Rapid chain sprocket and clutch drum required for retrofitting Carving to 1/4" (set order number: 1148 007 1002)  
ⓑ Rapid chain sprocket required for retrofitting Carving to 1/4" (order number: 1123 640 2007)



### NEW CUT KITS

Even the best saw chains become blunt over time. But if you are unable to sharpen your saw chain while you work, or if the entire cutting attachment needs replacing, we have the right solution for you. STIHL Cut Kits are machine-specific sets, each consisting of two saw chains and one guide bar in a special value pack. This means that you have cutting attachments to hand which are ideally coordinated to your chainsaw or your GTA 26, wherever you are and at any time. So you will always be ready for work!



#### Each kit contains:

- 2 x saw chains
- 1 x guide bar

	Order number	Use for	Bar length (cm)	Saw chain pitch	Drive link thickness (mm)	STIHL Oilomatic saw chain typeⓐ	2 x saw chain	1 x guide bar
<b>CUT KIT 1</b>	3007 000 9900	GTA 26	10	1/4" P	1,1	PM3	3670 000 0028	3007 003 0101
<b>CUT KIT 2</b>	3005 000 9900	MS 162, MS 170, MS 171, MS 172	30	3/8" P	1,1	PM3ⓑ	3610 000 0044	3005 000 3905
<b>CUT KIT 3</b>	3005 000 9901	MS 162, MS 170, MS 171, MS 172, MS 180, MS 181	35	3/8" P	1,1	PM3ⓑ	3610 000 0050	3005 008 3909
<b>CUT KIT 4</b>	3005 000 9902	MS 180, MS 182, MS 211, MS 212, MS 231	35	3/8" P	1,3	PM3	3636 000 0050	3005 000 4809
<b>CUT KIT 5</b>	3005 000 9903	MS 182, MS 211, MS 212	40	3/8" P	1,3	PM3	3636 000 0055	3005 000 4813
<b>CUT KIT 6</b>	3005 000 9904	MSA 120, MSA 140, MSA 160, MS 151	30	1/4" P	1,1	PM3	3670 000 0064	3005 008 3405
<b>CUT KIT 7</b>	3005 000 9905	MSA 200	35	1/4" P	1,1	PM3	3670 000 0072	3005 008 3409
<b>CUT KIT 8</b>	3005 000 9906	MSA 220	35	3/8" P	1,3	PM3	3616 000 0050	3005 000 4809
<b>CUT KIT 9</b>	3005 000 9908	MS 251	40	.325"	1,3	RM3	3695 000 0062	3005 000 7013
<b>CUT KIT 10</b>	3003 000 9901	MS 261, MS 271, MSA 300	40	.325"	1,3	RS Pro	3690 000 0067	3003 000 3313
<b>CUT KIT 11</b>	3003 000 9902	MS 261, MS 271, MS 291	40	.325"	1,3	RM3 Pro	3695 000 0067	3003 000 3313
<b>CUT KIT 12</b>	3003 000 9903	MS 261, MS 271, MS 291	45	.325"	1,3	RM3 Pro	3695 000 0074	3003 008 3317
<b>CUT KIT 13</b>	3003 000 9904	MS 291, MS 311, MS 360, MS 361, MS 362, MS 391, MSE 220, MSE 250	40	3/8"	1,6	RS	3621 000 0060	3003 000 7713
<b>CUT KIT 14</b>	3005 000 9909	MSA 220, MS 194, MS 182, MS 212, MS 201/ MS 200T	30	3/8" P	1,1	PS3 Pro	3699 000 0044	3005 000 4405
<b>CUT KIT 15</b>	3005 000 9910	MSA 220, MS 194, MS 182, MS 212, MS 201/ MS 200T	35	3/8" P	1,1	PS3 Pro	3699 000 0050	3005 000 4409
<b>CUT KIT 16</b>	3005 000 9911	MSA 220, MS 194, MS 182, MS 212, MS 201/ MS 200T	40	3/8" P	1,1	PS3 Pro	3699 000 0055	3005 000 4413
<b>CUT KIT 17</b>	3005 000 9912	MSA 220, MS 194, MS 182, MS 212, MS 201/ MS 200T	45	3/8" P	1,1	PS3 Pro	3699 000 0061	3005 000 4417

ⓐ A detailed explanation of the STIHL saw chain types can be found from page 124  
ⓑ Narrow cutting attachment



## STIHL GUIDE BARS

### MASTER ANY CHALLENGE

STIHL has the right guide bar for every application. Intensive research, high-quality materials, and innovative production methods guarantee that every guide bar is of STIHL quality.

### THREE-PART GUIDE BARS

Universal-use, three-part guide bars are lightweight and yet robust. They are made of three electrically welded metal plates; the middle plate is extensively hollowed out. This results in a reduced weight, without any compromise in terms of stability. The closed bearing on the sprocket nose mean that these bars are maintenance-free, making your tool both easy to handle and versatile.

#### LIGHT 01

(previously: Rollomatic E Mini)

- ✓ For smaller chainsaws and pole pruners
- ✓ For 1/4"-P and 3/8"-P pitch saw chains
- ✓ Groove width 1.1 mm
- ✓ Low-kickback, maintenance-free
- ✓ One rivet (01) on the sprocket nose



#### LIGHT 04

(previously Rollomatic E)

- ✓ For smaller to medium-sized chainsaws
- ✓ For 3/8"-P .325" and 3/8" pitch saw chains
- ✓ Groove width 1.1 mm, 1.3 mm and 1.6 mm
- ✓ Low-kickback, maintenance-free
- ✓ Four rivets (04) on the sprocket nose



#### LIGHT 06

(previously: Rollomatic E)

- ✓ For powerful chainsaws and the toughest applications
- ✓ For saw chains with a 3/8" pitch
- ✓ Groove width 1.6 mm
- ✓ Robust guide bar structure, recognisable by the six rivets (06) on the sprocket nose



### NEW STIHL GUIDE BAR DESIGN

New name, cutting-edge design. Just like the long-proven guide bars they replace, our new guide bars are developed in-house and digitally printed using ultra-modern machines made especially for STIHL. You can find out which guide bars are already available in the new design on page 136 and you will find further details about the new guide bar design on page 133.

### SPECIAL BARS

#### CARVING

(previously: Carving E)

- ✓ Special guide bars for wood carving
- ✓ For 1/4"-P and 1/4" pitch saw chains
- ✓ Groove width 1.1 mm and 1.3 mm
- ✓ With protective carbide plating (stellite) on the bar nose
- ✓ Particularly low kickback, lightweight, with optical guide tool



### ONLY WHILE STOCKS LAST! TIMBERSPORTS® EDITION

A must-have for fans - special bars in the TIMBERSPORTS® design. Same design as our standard Rollomatic E (35 cm, 1.3 mm) guide bars for 3/8" P pitch saw chains and the Light 04 (40 cm, 1.3 mm) for saw chains with a pitch of .325".

Bar length	35 cm
Order number	3005 829 4809

Bar length	40 cm
Order number	3003 829 3313



## LIGHTWEIGHT GUIDE BARS

Their special manufacturing process makes STIHL lightweight guide bars up to 30% lighter than traditional bars. This not only makes it easier to work with the saw, but also reduces the strain on the user, particularly during professional use in tree maintenance and in the forest. Lightweight guide bars are available for small and lightweight chainsaws, right up to powerful felling saws.

### LIGHT P01 (previously: Rollomatic E Mini Light)

- ✓ For smaller chainsaws and pole pruners
- ✓ Made from fibreglass-reinforced polyamide (P) for a weight reduction of up to 25% compared to conventional guide bars
- ✓ For saw chains with a 3/8"-P pitch
- ✓ Groove width 1.1 mm



### LIGHT P04 (previously: Rollomatic E Light)

- ✓ For smaller to medium-sized chainsaws
- ✓ Made from fibreglass-reinforced polyamide (P) for a weight reduction of up to 30% compared to conventional guide bars
- ✓ For saw chains with a 3/8"-P pitch
- ✓ Groove width 1.3 mm



### ROLLOMATIC ES LIGHT

- ✓ For powerful chainsaws and professional use in forestry
- ✓ Made of special wear-resistant steel with hollowed-out cavities for a weight reduction of up to 30% compared to conventional bars
- ✓ With replaceable bar nose and maintenance-free sprocket nose bearing
- ✓ For saw chains with a 3/8" pitch
- ✓ Groove width 1.6 mm



## SOLID BARS AND REPLACEABLE NOSE BARS

Guide bars with a solid steel body. The hardened special steel ensures high stability and durability. For use with mid- to high-output chainsaws. The familiar classic – reliable and long-lasting.

### ROLLOMATIC ES

- ✓ For professional applications with powerful chainsaws
- ✓ Particularly sturdy, durable solid steel bar
- ✓ With replaceable bar nose
- ✓ Maintenance-free
- ✓ For saw chains with a 3/8" and .404" pitch
- ✓ Groove width 1.6 mm



### DUROMATIC E

- ✓ For the toughest forestry applications with powerful chainsaws
- ✓ Particularly sturdy, durable solid bar with protective carbide plating (stellite) on the bar nose
- ✓ For saw chains with a 3/8" and .404" pitch
- ✓ Groove width 1.6 mm



### THE NEW BAR DESIGN IN DETAIL

The new design means it is now even easier to identify the right guide bar for your chainsaw and specific application. The following details on the guide bar will help you to do this:

You can find all the details you need to select the right saw chain in the service field.

The name "Light" is used to identify weight-optimised guide bars, while the added "P" stands for fibreglass-reinforced polyamide and is used to indicate our special lightweight guide bars.

The numbers 01, 04 and 06 stand for the number of rivets on the sprocket nose.



The properties of our guide bars are indicated using icons as well as colour coding on the bar mount.

- low-kickback
- regular
- Ematic
- lightweight design
- 6-rivet
- replaceable bar nose
- stellite reinforcement



# HOW TO CHOOSE THE RIGHT CUTTING ATTACHMENT

To use your chainsaw most efficiently, it should be perfectly coordinated with the guide bar and saw chain. We will show you how to choose the right cutting attachment.

## CHOOSING A GUIDE BAR

You can select the right guide bar based on your preferred **bar length** and the **groove width** of your **chainsaw model**.



### CHAINSAW MODELS

You can find the model number of your chainsaw on the rating plate located on the side of your power tool, or on the inside of the chain brake.

### BAR LENGTH

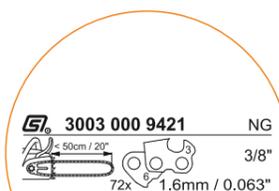
The bar length required depends on your planned application.

### DRIVE LINK THICKNESS / GROOVE WIDTH

The drive links guide the saw chain on the bar. The groove width of the guide bar and the drive link thickness of the saw chain must match.

### GUIDE BAR PART ORDER NUMBER

➔ The part order numbers for STIHL guide bars can be found from page 136.



You can find all of the details you need to select the right saw chain in the service field of every STIHL guide bar.



## CHOOSING A SAW CHAIN

Once you have chosen the right guide bar, you can use the information in the **guide bar service field** to determine the **11-digit order number** of the matching saw chain.

- MICRO
- SUPER
- HEXA
- DURO



### CHAIN TYPE

The chain type is determined by the shape of the blade tooth. You should select the right chain type based on your preferred saw chain properties.

### 4-DIGIT PART ORDER NUMBER

The 4-digit part order number is determined by the chain type, the chain pitch and the groove width / drive link thickness. The correct chain pitch is indicated in the service field of the guide bar.

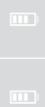
➔ For the 4-digit part order numbers for our STIHL saw chains, see from pages 124 and 136.

### + 000

### + 00 + NUMBER OF DRIVE LINKS

The number of drive links determines the length of the saw chain. Only the drive links are counted, and not the blade teeth for example. The correct number of drive links for the bar length is indicated in the service field of the guide bar.

### 11-DIGIT SAW CHAIN ORDER NUMBER



# CUTTING ATTACHMENT OVERVIEW

CHAINSAWS AND PRUNERS	SAW CHAINS								
	Bar length <sup>①</sup> (cm)	Chain pitch (inches)	Drive link thickness/groove width (mm)	Number of drive links	Micro part order number	Micro 3 part order number	Super part order number	Super 3 part order number	Duro 3 part order number
<b>GTA 26</b>	10	1/4" P	1.1	28	-	3670	-	-	-
<b>MS 151, MS 151 T, MS 194 T, MSA 120, MSA 140, MSA 60, MSA 70, MSA 160, MSA 160 T, MSA 200</b>	25	1/4" P	1.1	56	-	3670	-	-	-
	30	1/4" P	1.1	64	-	3670	-	-	-
<b>MS 151 T, MS 194 T, MS 151, MSA 160, MSA 200</b>	35	1/4" P	1.1	72	-	3670	-	-	-
<b>MSA 161 T</b>	25	1/4" P	1.1	57	-	3670	-	-	-
	30	1/4" P	1.1	65	-	3670	-	-	-
<b>MS 162, MS 171, MS 172, MS 180<sup>②</sup>, MS 181, MS 194, MSE 141, MSE 170</b>	30	3/8" P	1.1	44	-	3610	-	-	-
	35	3/8" P	1.1	50	-	3610	-	-	-
	40	3/8" P	1.1	55	-	3610	-	-	-
<b>MS 180, MS 182, MS 201, MS 211, MS 212, MS 231<sup>③</sup>, MS 241, MSE 170<sup>③</sup>, MSE 190<sup>③</sup>, MSE 200<sup>③</sup>, MSE 210<sup>③</sup>, MSE 230<sup>③</sup>, MSA 220 C-B</b>	30	3/8" P	1.1	44	-	-	-	3699	-
	30	3/8" P	1.3	44	-	3636	3617	3616	3612
	35	3/8" P	1.1	50	-	-	-	3699	-
	35	3/8" P	1.3	50	-	3636	3617	3616	3612
	40	3/8" P	1.1	55	-	-	-	3699	-
<b>MSE 250</b>	40	3/8" P	1.3	55	-	3636	3617	3616	3612
	37	3/8	1.6	56	-	-	-	3626	3683
	40	3/8	1.6	60	-	-	-	3626	3683
	40	3/8	1.6	60	-	-	-	3626	3683
<b>MS 201 T, MSA 220 T</b>	45	3/8	1.6	66	-	-	-	3626	3683
	30	3/8" P	1.3	44	-	3636	-	3616	3612
	35	3/8" P	1.3	50	-	3636	-	3616	3612
	40	3/8" P	1.3	55	-	3636	-	3616	3612

① The actual bar length is shorter than the stated bar length  
 ② An extra drive link must be used on the MS 231 and MS 251 (35 and 40 cm bar length) and on the MSE 170, MSE 190, MSE 200, MSE 210 and MSE 230 (30, 35 and 40 cm bar length) models with Quick Chain Tensioning and seven-tooth sprocket  
 ③ From build year 2014



## THE POWER DUO: 3/8"-PS3 PRO AND LIGHT O4

The cutting attachment, consisting of the 3/8"-PS3 Pro saw chain and Light O4 guide bar with 1.1 mm groove width is ideal for chainsaws in the 1.6–2.0 kW performance class. Its slender shape allows for up to 20% improvement in cutting performance compared to the familiar 3/8"-PS saw chain with a drive link thickness of 1.3 mm. The cutting attachment is distinguished by its low pressure-sensitivity and glides almost effortlessly through the wood thanks to its strong cutting performance. The result: precise, clean cuts in next to no time.

GUIDE BARS	Light PO1 (previously: Rollo-matic E Mini Light), Light PO4 (previously: Rollomatic E Light) Order number	Light O1 (previously: Rollomatic E Mini) Order number	Light O4 (previously Rollomatic E) Order number	Number of teeth in sprocket nose
		3007 003 0101	-	-
		-	3005 008 3403	8
		-	3005 008 3405	8
		-	3005 008 3409	8
		-	3005 008 3403	8
		-	3005 008 3405	8
	3005 000 7605	-	3005 000 3905	7
	3005 000 7609	-	3005 003 3909	7
	-	-	3005 008 3913	7
	-	-	3005 000 4405	9
	3005 000 7405	-	3005 000 4805	9
	-	-	3005 000 4409	9
	3005 000 7409	-	3005 000 4809	9
	-	-	3005 000 4413	9
	3005 000 7413	-	3005 000 4813	9
	-	-	3003 008 6111	10
	-	-	3003 000 7713	9
	-	-	3003 008 6113	10
	-	-	3003 008 7717	10
	3005 000 7405	-	3005 000 4805	9
	3005 000 7409	-	3005 000 4809	9
	3005 000 7413	-	3005 000 4813	9

Note: Cutting attachments for special applications are available on page 128



CHAINSAWS	SAW CHAINS											GUIDE BARS									
	Bar length <sup>①</sup> (cm)	Chain pitch (inches)	Drive link thickness / groove width (mm)	Number of drive links	Micro part order number	Micro 3 part order number	Super part order number	Super 3 part order number	Hexa part order number	Hexa 3 part order number	Duro 3 part order number	Light PO1 (previously: Rollomatic E Mini Light) Light PO4 (previously: Rollomatic E Light) Order number	Rollomatic ES Light Order number	Light O1 (previously Rollomatic E Mini) Order number	Light O4 (previously Rollomatic E) Order number	Light O6 (previously Rollomatic E) Order number	Rollomatic ES Order number	Number of teeth in sprocket nose	Duromatic E Order number		
<b>MS 251<sup>②</sup></b>	35	.325	1.6	56	-	3689	3639	-	-	-	3667	-	-	-	3005 000 4709	-	-	11	-		
	35	.325	1.3	56	3693	3695	3690	3694	-	-	3696	-	-	-	3005 000 7009	-	-	11	-		
	40	.325	1.6	62	-	3689	3639	-	-	-	3667	-	-	-	3005 000 4713	-	-	11	-		
	40	.325	1.3	62	3693	3695	3690	3694	-	-	3696	-	-	-	3005 000 7013	-	-	11	-		
<b>MS 261, MS 271, MSA 300</b>	32	.325	1.6	56	3686	3689	3639	-	-	-	3667	-	-	-	3003 000 5306	-	-	11	-		
	35	.325	1.3	60	3693	3695	3690	3694	-	-	3696	-	-	-	3003 000 3309	-	-	10	-		
	37	.325	1.6	62	3686	3689	3639	-	-	-	3667	-	-	-	3003 008 6811	-	-	11	-		
	40	.325	1.3	67	3693	3695	3690	3694	-	-	3696	-	-	-	3003 000 3313	-	-	10	-		
<b>MS 291, MS 311, MS 362, MS 391</b>	40	.325	1.6	67	3686	3689	3639	-	-	-	3667	-	-	-	3003 008 6813	-	-	11	3003 000 9213		
	35	3/8	1.6	54	3652	3664	3621	3626	3132	3134	3683	-	-	-	3003 000 7709	-	-	9	-		
	37	3/8	1.6	56	3652	3664	3621	3626	3132	3134	3683	-	-	-	3003 008 6111	-	-	10	-		
	40	3/8	1.6	60	3652	3664	3621	3626	3132	3134	3683	-	-	-	3003 000 7713	-	-	9	-		
	40	3/8	1.6	60	3652	3664	3621	3626	3132	3134	3683	-	-	-	3003 008 6113	-	-	10	-		
<b>MS 400, MS 462, MS 500i, MS 661</b>	45	3/8	1.6	66	3652	3664	3621	3626	3132	3134	3683	-	-	-	3003 008 7717	-	-	10	-		
	40	3/8	1.6	60	3652	3664	3621	3626	3132	3134	3683	-	-	-	3003 000 5213	-	-	11	3003 000 9213		
	45	3/8	1.6	66	3652	3664	3621	3626	3132	3134	3683	-	-	-	3003 000 5217	-	-	11	3003 000 9217		
	50	3/8	1.6	72	3652	-	3621	3626	3132	3134	3683	-	3003 000 2021	-	-	3003 000 5221	-	-	11	3003 000 9221	
<b>MS 500i, MS 661</b>	63	3/8	1.6	84	3652	-	3621	3626	3132	3134	3683	-	3003 000 2031	-	-	3003 000 5231	-	-	11	3003 001 5631	
	71	3/8	1.6	91	-	-	3621	3626	3132	3134	3683	-	3003 000 2038	-	-	-	3003 000 6038	11	-		
	80	3/8	1.6	105	-	-	3621	3626	3132	3134	3683	-	3003 000 2046	-	-	-	3003 000 6046	11	-		
<b>MS 661</b>	90	3/8	1.6	114	-	-	3621	3626	3132	3134	3683	-	3003 000 2053	-	-	-	3003 000 6053	11	-		
<b>MS 881<sup>②</sup></b>	53	.404	1.6	68	3668	-	3946	-	-	-	-	-	-	-	-	-	-	-	3002 001 9223		
	63	.404	1.6	80	3668	-	3946	-	-	-	-	-	-	-	-	-	-	-	3002 000 9731	-	3002 000 9231
	75	.404	1.6	91	3668	-	3946	-	-	-	-	-	-	-	-	-	-	-	3002 000 9741	-	3002 000 8041
	90	.404	1.6	104	3668	-	3946	-	-	-	-	-	-	-	-	-	-	-	-	-	3002 002 8052
	90	.404	1.6	108	3668	-	3946	-	-	-	-	-	-	-	-	-	-	-	-	3002 000 9753	-
<b>POLE PRUNERS</b>	<b>SAW CHAINS</b>											<b>GUIDE BARS</b>									
<b>HT 56, HT 135, HTA 50, HTA 66, HTA 86, HTA 135 HTA 150 (maintenance variant), HTA 160</b>	25	1/4" P	1.1	56	-	3670	-	-	-	-	-	-	-	3005 008 3403	-	-	-	8	-		
	30	1/4" P	1.1	64	-	3670	-	-	-	-	-	-	-	3005 008 3405	-	-	-	8	-		
<b>HTA 150 (forestry variant)</b>	30	3/8" P	1.1	44	-	3610	-	-	-	-	-	-	3005 000 7605	-	3005 000 3905	-	-	7	-		
	30	3/8" P	1.1	44	-	-	-	3699	-	-	-	-	-	-	3005 000 4405	-	-	9	-		
<b>HT 56</b>	30	3/8" P	1.1	44	-	3610	-	-	-	-	-	-	3005 000 7605	-	3005 000 3905	-	-	7	-		

① The actual bar length is shorter than the stated bar length  
 ② An extra drive link must be used on the MS 231 and MS 251 (35 and 40 cm bar length) and on the MSE 170, MSE 190, MSE 210 and MSE 230 (30, 35 and 40 cm bar length) models with Quick Chain Tensioning and seven-tooth sprocket

③ Applicable to seven-tooth sprocket; extra drive link on the eight-tooth sprocket

Note: Cutting attachments for special applications are available on page 128

NEW



## ACCESSORIES

### FILING KITS

Includes file holder with round file, flat file and file gauge in a sturdy case.



<b>1/4" P</b> Order number <b>5605 007 1000</b>	<b>3/8"</b> Order number <b>5605 007 1029</b>
<b>1/4" and 3/8" P</b> Order number <b>5605 007 1027</b>	<b>.404"</b> Order number <b>5605 007 1030</b>
<b>.325"</b> Order number <b>5605 007 1028</b>	



### 2-IN-1 FILE HOLDER

Practical tool for quickly sharpening the teeth and depth gauge in a single step. Ideal for occasional use For 1/4"-P-, 3/8"-P-, .325"-, 3/8"- and .404" saw chains, integrated file tolerance compensation (only from STIHL).

<b>1/4" P</b> Order number <b>5605 750 4306</b>	<b>3/8"</b> Order number <b>5605 750 4305</b> (cannot be used with 3/8" Hexa)
<b>1/4" and 3/8" P</b> Order number <b>5605 750 4303</b>	<b>.404"</b> Order number <b>0000 750 4300</b>
<b>.325"</b> Order number <b>5605 750 4304</b>	

### ACCESSORIES: REPLACEMENT ROUND FILE FOR 1/4"-P SAW CHAIN

Only for the 2-in-1 file holder for sharpening the 1/4"-P saw chain, not to be used for filing by hand, Ø 3.2 × 200 mm.

Order number **0000 893 6401**

### ACCESSORIES: REPLACEMENT FLAT FILE FOR THE DEPTH GAUGE



For the 2-in-1 file holder, for sharpening the depth gauge.

Order number **0814 252 3001**

### FILE HOLDER WITH ROUND FILE

**1/4" P**      **Ø 3.2 mm**  
Order number **5605 750 4300**

**1/4" and 3/8" P**      **Ø 4.0 mm**  
Order number **5605 750 4327**

**.325"**      **Ø 4.8 mm**  
Order number **5605 750 4328**

**3/8"**      **Ø 5.2 mm**  
Order number **5605 750 4329**

**.404"**      **Ø 5.5 mm**  
Order number **5605 750 4330**



### SAW CHAIN ROUND FILES

For STIHL filing kits and file holder (without file handle).

<b>1/4" P</b> Order number <b>5605 771 3206</b>	<b>3/8"</b> Order number <b>5605 772 4006</b>	<b>.404"</b> Order number <b>5605 772 5506</b>
<b>1/4" and 3/8" P</b> Order number <b>5605 772 4006</b>	<b>.325"</b> Order number <b>5605 772 4806</b>	<b>Ø 5.5 × 200 mm</b> Order number <b>5605 772 3506</b>
<b>3/8"</b> Order number <b>5605 772 5206</b>	<b>Ø 4.8 × 200 mm</b> Order number <b>5605 772 4806</b>	<b>Ø 4.5 × 200 mm</b> Order number <b>5605 772 4506</b>

### TRIANGULAR SHARPENING FILE

For FG 2 and FG 3, for reworking the depth gauge and for scratcher-tooth circular saw blades.

Order number **0811 421 8971**

### FLAT FILE

For precise reworking of the depth gauge. 150 mm.

Order number **0814 252 3356**



## ACCESSORIES FOR HEXA

FOR EASY SHARPENING OF YOUR PROFESSIONAL SAW CHAIN

### SHARPENING SET

Includes file holder with Hexa file, flat file and file gauge in a sturdy case.



**3/8" Hexa**  
Order number **5607 007 1000**

### HEXAGON FILE FOR HEXA

For Hexa saw chain (without file handle).

**3/8" Hexa**      **Ø 5.2 × 200 mm**  
Order number **5607 772 5201**

### GRINDING WHEEL

For the STIHL universal sharpener.



**3/8" Hexa**  
Order number **5203 750 7018**

➔ The STIHL universal sharpener can be found on page 143.

### FL4 FILING GAUGE

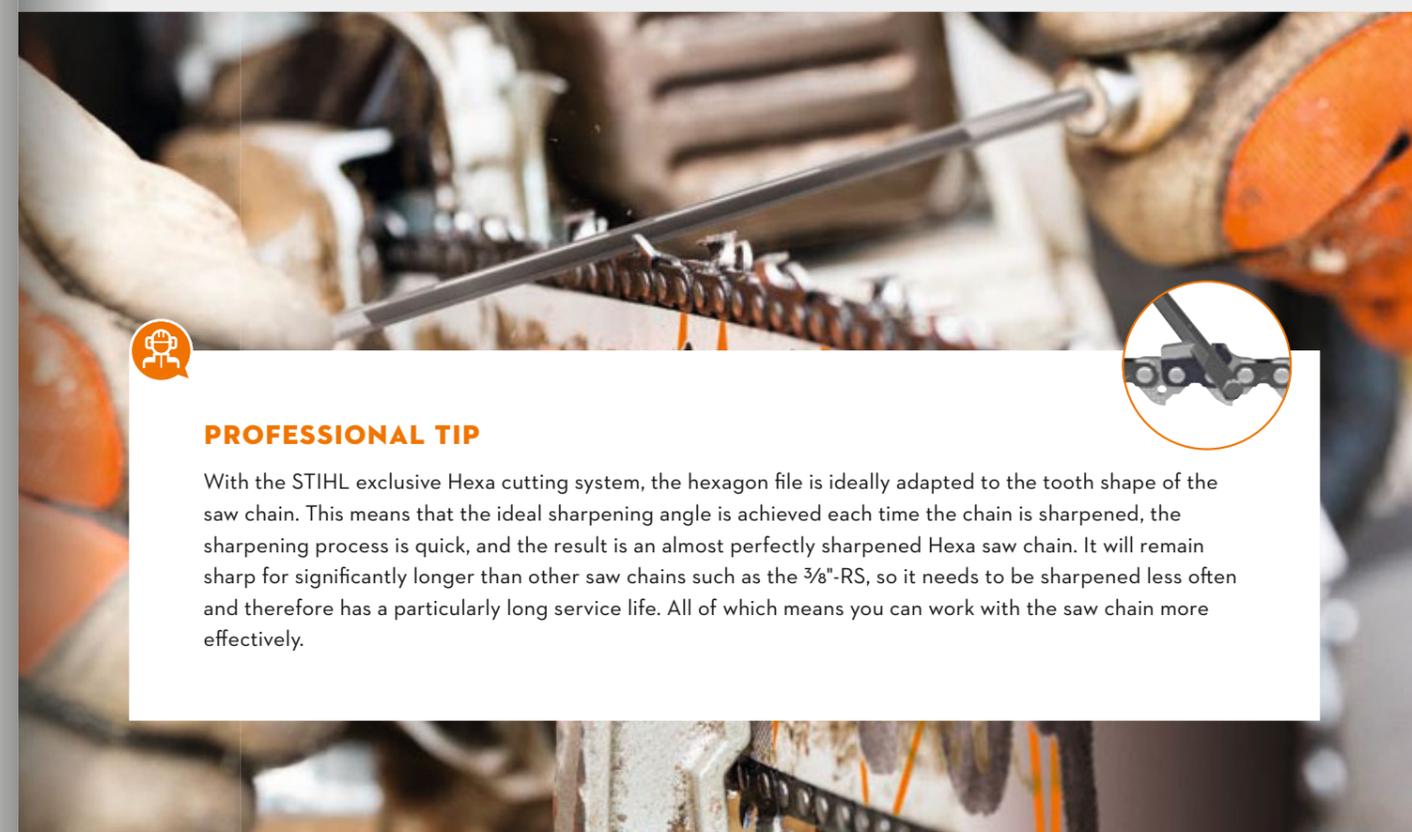
For manual reworking of the depth gauge, made from hardened steel with special coating. Two settings for hard and soft wood. Both the groove and the bar's oil hole can be cleaned using the hook.



**3/8" Hexa**  
Order number **0000 893 4009**

For checking side- and top-plate cutting angle, tooth length and depth gauge setting, and cleaning the groove and oil hole in the guide bar.

**3/8" Hexa**  
Order number **1110 893 4000**



### PROFESSIONAL TIP

With the STIHL exclusive Hexa cutting system, the hexagon file is ideally adapted to the tooth shape of the saw chain. This means that the ideal sharpening angle is achieved each time the chain is sharpened, the sharpening process is quick, and the result is an almost perfectly sharpened Hexa saw chain. It will remain sharp for significantly longer than other saw chains such as the 3/8"-RS, so it needs to be sharpened less often and therefore has a particularly long service life. All of which means you can work with the saw chain more effectively.





### FF 1 FILE HOLDER RANGE

Exclusive STIHL file holder guide. For accurate and easy file handling and proper chain sharpening. Ideal supplement to STIHL filing kits, minimal effort required, file not included

1/4" P Order number	Ø 3.2 mm 5614 000 7504	.325" Order number	Ø 4.8 mm 5614 000 7501
1/4", 3/8" P <sup>①</sup> Order number	Ø 4.0 mm 5614 000 7503	3/8" Order number	Ø 5.2 mm 5614 000 7500
3/8" P <sup>②</sup> Order number	Ø 4.0 mm 5614 000 7502	.404" Order number	Ø 5.5 mm 5614 000 7505

### FG 2 FILING TOOL<sup>③④</sup>

Precision hand-filing tool made of metal. For workbench mounting, without file handles and file.



Order number 5604 000 7501

### ACCESSORIES: SCREW CLAMP

For workbench mounting, set of 2 needed.



Order number 5604 890 5800

### FG 3 FILING TOOL<sup>④</sup>

Precision hand-filing tool made of metal. For attaching to the guide bar, without file handles and file.



Order number 5610 000 7500

### FG 4 ROLLER FILING TOOL

Exclusive STIHL roller filing tool. Ideal for weekly precision sharpening. Compact, minimal effort required, with file tip for adjusting the depth gauge setting, file not included.



1/4", 3/8" P <sup>①</sup> Order number	Ø 4.0 mm 5612 000 7503	.325" Order number	Ø 4.8 mm 5612 000 7501
3/8" P <sup>②</sup> Order number	Ø 4.0 mm 5612 000 7502	3/8" Order number	Ø 5.2 mm 5612 000 7500

### FILE GAUGES

For manual reworking of the depth gauge, made from hardened steel with special coating. Two settings for hard and soft wood. Both the groove and the bar's oil hole can be cleaned using the hook.



FL1 Order number	1/4" P 0000 893 4006	FL4 Order number	3/8" 0000 893 4009
FL2 Order number	3/8" P <sup>②</sup> 0000 893 4007	FL5 Order number	.404" 0000 893 4010
FL3 Order number	.325" 0000 893 4008		

For checking side- and top-plate cutting angle, tooth length and depth gauge setting, and cleaning the groove and oil hole in the guide bar.



1/4" P Order number	0000 893 4005	1/4", 3/8" P, .325" and 3/8" Order number	1110 893 4000
.404" Order number	1106 893 4000		

### FILE HANDLES

Plastic handle. Suitable for round and Hexa files of 3.2 to 5.5 mm and all flat files.



Order number 0000 881 4504



Wooden handle for all triangular, flat, round and Hexa files.



**NEW** For 3.2 mm files  
Order number 0811 490 7862

For files from 4.0 to 5.5 mm  
Order number 0811 490 7860

Plastic handle with filing angles.  
For round files from 3.2 to 5.5 mm.



Order number 0000 881 4500

**FH 3**  
softgrip handle. For flat files up to 150 mm.



Order number 0000 881 4503

**FH 1**  
Soft handle with filing angles.  
For round files from 3.2 to 5.5 mm.



Order number 0000 881 4502

### GUIDE BAR LEVELLER

Tool for removing burrs from the guide bar. Ergonomically shaped plastic holder with flat file (100 x 22 mm) made of hardened tool steel.



Order number 5605 773 4400

### ACCESSORIES: FLAT FILE



Order number 5605 773 4200

### CHECK GAUGE

For measuring the pitch of the chain and sprocket, as well as the thickness of the drive link and groove width of the guide bar.



Order number 0000 893 4105

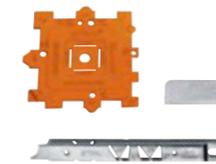
For determining the degree of wear on chain sprockets. Regular checks and proactive replacement reduce wear on the cutting attachment.



Order number 0000 893 4101

### MAINTENANCE SET FOR CUTTING ATTACHMENTS

Consists of check gauge 0000 893 4105 / 4101 and file gauge 1110 893 4000.



Order number 0000 007 1016

### FILE ANGLE PLATE

Aid for filing the chain. Angle lines (25° / 30°) for aligning the file, two magnetic clamps.



Order number 0000 750 9900

### STORAGE CASE FOR SAW CHAINS

Durable, lightweight plastic box. Two separators.



Dimensions 18 x 12 x 4 cm  
Order number 0000 882 5900

### STIHL USG BASIC UNIT

Universal filing tool for all STIHL saw chains and circular saw blades for FS models and hedge trimmer blades. Complete with swivel support for all STIHL Oilomatic saw chains and two shaped grinding wheels. Also suitable for sharpening STIHL Duro saw chains.



Order number 5203 200 0008

### USG ACCESSORIES (NOT PICTURED)

Swivel head for scratcher-tooth saw chains<sup>①</sup>  
Order number 5203 750 1405

Swivel head for hedge trimmer blade<sup>①</sup>  
Order number 5203 750 1400

Swivel head for FS circular saw blades<sup>①</sup>  
Order number 5203 750 2800

Foot tensioner  
Order number 5203 007 1003

Diamond dressing attachment  
Order number 5203 890 4400

Diamond grinding wheel for 3/8" PD3, .325" RD3 and 3/8" RD3  
Order number 5203 757 0906

Diamond grinding wheel for 3/8" RDR  
Order number 5203 757 0901

Grinding wheel for 3/8" Hexa  
Order number 5203 750 7018

### FILING VICES

**S 260**  
Lightweight and convenient design. Easy to drive into the wood and fix the guide bar, includes practical holster.



Order number 0000 881 0402

**L 700**  
Large and heavy-duty design Can be easily driven into wood.



Order number 0000 881 0403

① Groove 1.1 mm    ③ Images include optional equipment    ④ With shaped grinding wheel  
② Groove 1.3 mm    ④ Not suitable for 1/4" PM3 saw chain    ④ For explanation of quality marks, see page 491



## CUT FOR CUT, GETS THE PERFECT SHAPE

---

Petrol-driven hedge trimmers **147**

Battery shrub shears and  
battery hedge trimmers **150**

Electric hedge trimmers **154**

Accessories and parts for hedge trimmers **156**

Long-reach hedge trimmers and accessories **161**

## HEDGE TRIMMERS IN DETAIL



### TECHNOLOGY

#### 01 EC ELECTRONICS

In the AP-System, the electronic control unit recognises the respective load during use and actively influences the EC engine. This results in a consistent blade stroke, even while pruning very thick hedges, as well as always achieving the optimum power output.

#### 02 STIHL ELECTRIC MOTOR (EC)

Alongside their impressive performance, the professional hedge trimmers in the AP-System have an EC engine with automatic switching of rotation direction. This makes it possible to release the cutter when necessary.

### CONVENIENCE

#### 03 ROTATING MULTI-FUNCTION HANDLE

Can be easily moved into the optimum position for side and overhead cutting.

#### 04 SOPHISTICATED BLADE GEOMETRY

A sophisticated blade shape and specially coordinated trimming and cutting gears ensure the best performance.

#### 05 LOOP HANDLE WITH INNER SWITCH

Comfortable to hold and energy-sparing, particularly when working for extended periods.

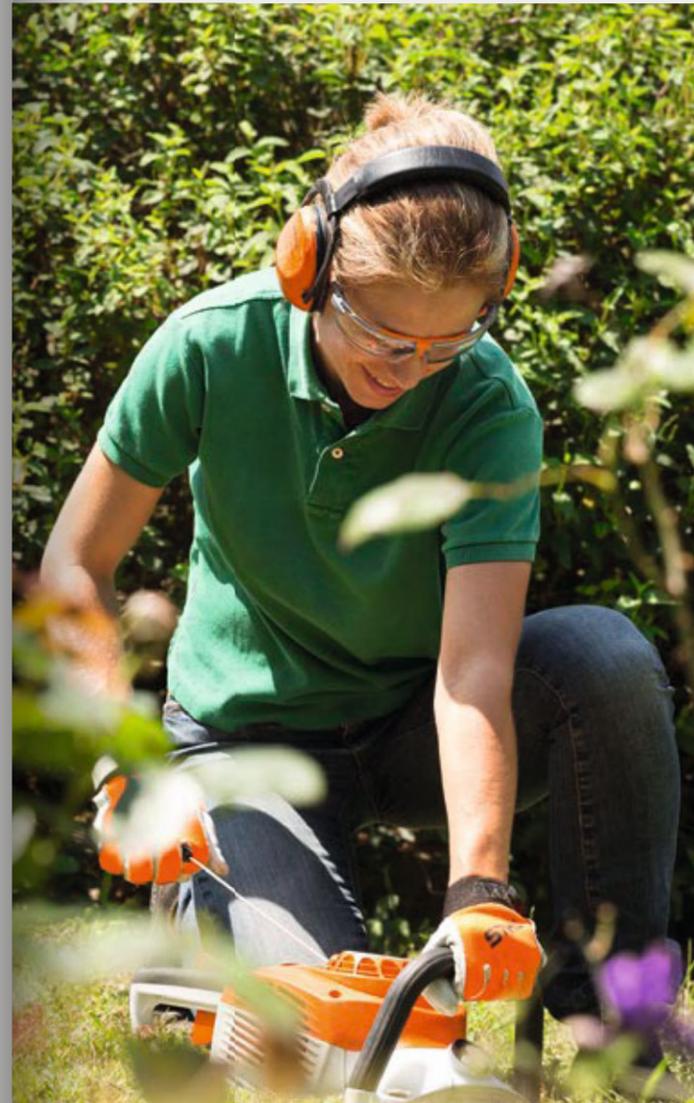
#### 06 SCREW-ON TIP PROTECTOR

Protects the tip of the hedge trimmer blade from wear, and makes it easier to cut close to walls and the ground.

Please note that not all products are equipped with the features presented here. Only the most important features are described on this page. For further explanations and information, see from page 482 and online at [stihl.com](http://stihl.com).

## PETROL-DRIVEN HEDGE TRIMMERS

- Powerful tools with low weight and high cutting performance
- For use on large grounds
- For park and landscape maintenance
- Delivers the perfect cut for thick hedges and ornamental trees



### HS 45

27.2 cm<sup>3</sup> • 0.75 kW / 1.0 hp • from 4.7 kg<sup>Ⓞ</sup>

Entry-level model for the maintenance of shrubs and bushes in the garden. STIHL anti-vibration system, STIHL ElastoStart, single-sided cutting blades, integrated cut protection.

Bar length 45 cm  
Order number 4228 011 2937

Bar length 60 cm  
Order number 4228 011 2938



### HS 46

21.4 cm<sup>3</sup> • 0.65 kW / 0.9 hp • 4.0 kg<sup>Ⓞ</sup>

Lightweight hedge trimmer, ideal for demanding applications in residential areas. STIHL anti-vibration system, master control lever, tool-free fuel cap, single-sided cutting blades, integrated cut protection.

Bar length 45 cm  
Order number 4242 011 2902

Additional versions:  
HS 46 C-E 4242 011 2927



### HS 52

27.2 cm<sup>3</sup> • 0.75 kW / 1.0 hp • 5.0 kg<sup>Ⓞ</sup>

Lightweight hedge trimmer, ideal for landscapers and tea farmers. Single-sided handle for ergonomic working and good cut control. High cutting quality and excellent cutting performance due to the single-sided cutting blade with upper and lower blade sharpened as well as tip sharpened. Aluminum catcher blade for the easy removal of plant cuttings. With tool-free fuel caps. Including hook for carrying strap.

Bar length 60 cm  
Order number 4228 011 2943

C = Comfort version Ⓞ Weight excluding fuel, fully assembled  
E = STIHL ErgoStart





### HS 56 C-E

21.4 cm<sup>3</sup> • 0.65 kW / 0.9 hp • 4.5 kg<sup>Ⓞ</sup>

For use in landscaping and horticulture. STIHL anti-vibration system, STIHL ErgoStart, master control lever, tool-free fuel cap, double-sided cutting blades, screw-on cut and tip protector.

Bar length **60 cm**  
Order number **4242 011 2947**



### HS 87 R

22.7 cm<sup>3</sup> • 0.7 kW / 1.0 hp • 5.5 kg<sup>Ⓞ</sup>

Professional power tool with single-sided cutting blades in the pruning version. A simplified start-up sequence for convenient starting. STIHL anti-vibration system, long-life air filter system, double-sided cutting blades, screw-on tip protector, stop button, low blade speed.

Bar length **75 cm**  
Order number **4237 011 2991**



### HS 82 R

22.7 cm<sup>3</sup> • 0.7 kW / 1.0 hp • from 5.3 kg<sup>Ⓞ</sup>

Professional tool with low blade speed for powerful cutting. A simplified start-up sequence for convenient starting. STIHL anti-vibration system, double-sided cutting blades in the pruning version, rotating multi-function handle, screw-on cut and tip protector, stop button.

Bar length **60 cm**  
Order number **4237 011 2977**

**Additional versions:**  
HS 82 RC-E 60 cm 4237 011 2982



### HS 87 T

22.7 cm<sup>3</sup> • 0.7 kW / 1.0 hp • 5.2 kg<sup>Ⓞ</sup>

Professional power tool with single-sided cutting blades in the trimming version. STIHL 2-MIX engine, STIHL anti-vibration system, long-life air filter system, double-sided cutting blades, screw-on tip protector, stop button.

Bar length **75 cm**  
Order number **4237 011 2995**



### HS 82 T

22.7 cm<sup>3</sup> • 0.7 kW / 1.0 hp • from 5.1 kg<sup>Ⓞ</sup>

Professional tool with high blade speed for fine cutting. A simplified start-up sequence for convenient starting. STIHL anti-vibration system, double-sided cutting blades in the trimming version, rotating multi-function handle, screw-on cut and tip protector, stop button.

Bar length **60 cm**  
Order number **4237 011 2985**



## APPROPRIATE FUELS AND LUBRICANTS

SEE FROM PAGE 404



# BATTERY SHRUB SHEARS AND BATTERY HEDGE TRIMMERS

- For domestic use as well as professional applications
- For hedge trimming in noise-sensitive residential areas and in hospital gardens, cemeteries, schools, etc.
- Easy and comfortable to use
- Excellent cutting performance



**HSA 26**  
10.8 V • 0.8 kg<sup>①</sup>

Compact battery shrub shears with shrub cutter for trimming and maintaining smaller evergreen hedges and small-leaved ornamental trees. Shrub cutter with optimised STIHL cutter geometry for an optimum cutting experience. With grass trimmer, also suitable for cutting lawn edges. Non-slip control handle for perfect ergonomics, rapid, tool-free blade change, and battery charge-level indicator so you can keep an eye on the remaining battery capacity at all times. The AS 2 battery works exclusively with the products in the AS-System and is not compatible with the HSA 25. The HSA 26 is available in a set or as a standalone tool.

**Included in the set:**

- 1 × AS 2 lithium-ion battery, 28 Wh, 10.8 V
- 1 × AL 1 standard charger
- 1 × shrub cutter, cutting length 20 cm, including blade scabbard
- 1 × grass trimmer, cutting width 12 cm, including blade scabbard
- 1 × black/orange carry bag with eyelets for wall-mounting

**HSA 26** excluding battery, charger and carry bag, including shrub cutter and grass trimmer

Bar length **20 cm**  
Order number **HA03 011 3500**

**HSA 26 set** with AS 2 and AL 1

Bar length **20 cm**  
Order number **HA03 011 3506**



PAGE **415**

## HS CARE & CLEAN KIT

For optimum care and cleaning of STIHL hedge trimmers and long-reach hedge trimmers. Available as a sample pack or special value pack



① Weight excluding battery, including shrub cutter  
② Weight including battery



**NEW**  
**HSA 30**  
10.8 V • 2.0 kg<sup>①</sup>

Ultralight, ergonomic battery hedge trimmer with good cutting performance, for trimming shrubs and hedges in your home's outdoor spaces. 45 cm bar length. Laser-cut, diamond-ground blade with 22 mm tooth spacing, integrated cut protection, screw-on tip protector, replaceable AS 2 lithium-ion battery with charge-level indicator.

**HSA 30** excluding battery and charger, including shrub cutter

Bar length **45 cm**  
Order number **HA08 011 3500**

**HSA 30 set** with AS 2 and AL 1

Bar length **45 cm**  
Order number **HA08 011 3506**



**NEW**  
**HSA 40**  
10.8 V • 2.1 kg<sup>①</sup>

A very light, ergonomic battery hedge trimmer with good cutting performance, for trimming shrubs and hedges in your home's outdoor spaces. 50 cm bar length. Laser-cut, diamond-ground blade with 24 mm tooth spacing, integrated cut protection, screw-on tip protector, replaceable AS 2 lithium-ion battery with charge-level indicator.

**HSA 40** excluding battery and charger, including shrub cutter

Bar length **50 cm**  
Order number **HA08 011 3520**

**HSA 40 set** with 2 × AS 2 and AL 1

Bar length **50 cm**  
Order number **HA08 011 3526**

① For explanation of symbols, see page 482





**AKI**  
SYSTEM  
AK 10

**NEW**  
**HSA 50**  
36 V • 2.9 kg<sup>①</sup>



Lightweight and quiet battery hedge trimmer for trimming bushes, shrubs, and medium-sized hedges. Laser-cut, diamond-ground and hardened blades, teardrop-shaped blade geometry for perfect cuts and a healthy hedge. Comfortable and effortless work due to optimum power tool balance, ergonomically shaped control handle, loop handle with inner switch, and low weight. Screw-on blade tip protector to prevent wear when working near the ground or along walls.

**HSA 50** excluding battery and charger  
Bar length **50 cm**  
Order number **4521 011 3530**

**HSA 50 set** with AK 10 and AL 101  
Bar length **50 cm**  
Order number **4521 011 3540**



**AKI**  
SYSTEM  
AK 10

**NEW**  
**HSA 60**  
36 V • 3.5 kg<sup>①</sup>



Battery hedge trimmer with very powerful cutting performance for demanding applications, such as trimming bushes and tall hedges. Laser-cut, diamond-ground and hardened blades, teardrop-shaped blade geometry for perfect cuts and a healthy hedge. Effortless and ergonomic working thanks to optimal power tool balance, rotatable multi-function handle, loop handle with inner switch, and STIHL anti-vibration system. Anti-block system for easy change of the cutting blades' rotational direction in the event of blockages. EC engine for constant output and long service life. Screw-on blade tip protector to prevent wear when working near the ground or along walls.

**HSA 60** excluding battery and charger  
Bar length **60 cm**  
Order number **HA06 011 3500**

**HSA 60 set** with AK 10 and AL 101  
Bar length **60 cm**  
Order number **HA06 011 3510**



**API**  
SYSTEM  
AP 200

**NEW**  
**HSA 100**  
36 V • 3.7 kg<sup>①</sup>



Powerful universal hedge trimmer for use in noise-sensitive areas. Long-lasting sharpness, double-sided cutting blade with 34 mm tooth spacing for excellent cutting performance and rapid work progress. Ergonomic, effortless working, even over longer periods, thanks to optimal power tool balance, rotatable multi-function handle, loop handle and STIHL anti-vibration system. Anti-block system for easy change of the cutting blades' rotational direction in the event of blockages. EC engine for constant output and long service life. Screw-on cut protection, blade tip protector for low-wear work close to the ground or along walls.

**HSA 100** excluding battery and charger  
Bar length **60 cm**  
Order number **HA07 011 3500**



**ERGONOMIC AND COMFORTABLE WORK - THANKS TO A ROTATABLE MULTI-FUNCTION HANDLE.**

The rotatable multi-function handle enables precise and notably comfortable work when cutting to the side and at head height. You can rotate it 90° to the right or left depending on the application. This means an ergonomically favourable working position is always supported for every cut - even when working in several different directions. Joining our HSA 130 R, HSA 130 T and HSA 100 professional battery hedge trimmers, the HSA 60 battery hedge trimmer from the STIHL AK-System is equipped with a rotatable multi-function handle. Together with its low weight, optimum power tool balance, and STIHL anti-vibration system, it facilitates particularly low-fatigue work. Find out for yourself!



① Weight excluding battery  
② For explanation of symbols, see page 482





APIII SYSTEM  
AP 300 S

### HSA 130 R (previously: HSA 94 R)

36 V • from 4.1 kg<sup>①</sup>



Extremely powerful and sturdy professional battery hedge trimmer with double-sided cutting blades in the pruning version. Low blade speed for powerful cuts. EC engine for constant output and long service life. Turning multi-function handle with three-setting stroke rate, ergonomic-operation loop handle with internal switch, friction-optimised blades and screw-on cut and tip protector. Battery operation with the aid of the AP holster with connecting cable and a carrying system, or an AR backpack battery (see page 45).

HSA 130 R excluding battery and charger

Bar length **60 cm**  
Order number **4869 011 3560**

Bar length **75 cm**  
Order number **4869 011 3561**



APIII SYSTEM  
AP 300 S

### HSA 130 T (previously: HSA 94 T)

36 V • from 3.9 kg<sup>①</sup>



Extremely powerful and sturdy professional battery hedge trimmer with double-sided cutting blades in the trimming version. High blade speed for a particularly precise and clean cutting pattern. EC engine for constant output and long service life. Turning multi-function handle with three-setting stroke rate, ergonomic-operation loop handle with internal switch, friction-optimised blades and screw-on cut and tip protector. Battery operation with the aid of the AP holster with connecting cable and a carrying system, or an AR backpack battery (see page 45).

HSA 130 T excluding battery and charger

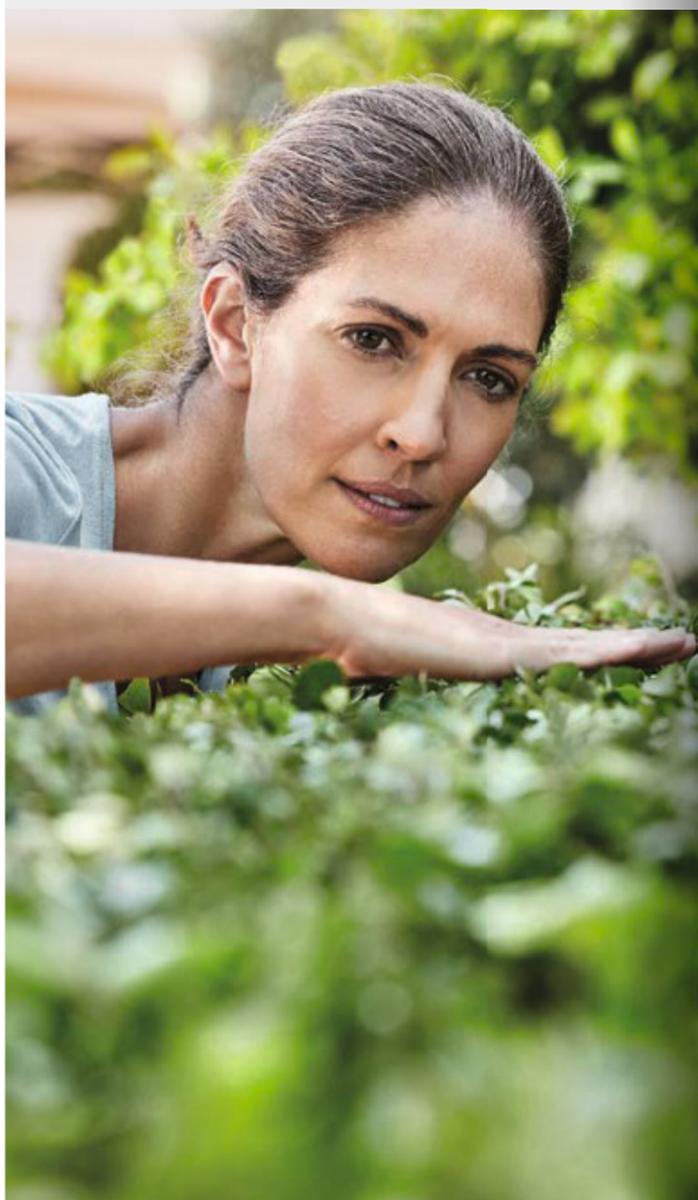
Bar length **60 cm**  
Order number **4869 011 3566**

Bar length **75 cm**  
Order number **4869 011 3567**

R = Pruning  
T = Trimming

## ELECTRIC HEDGE TRIMMERS

- For trimming hedges and bushes in domestic outdoor areas
- Easy to handle
- Especially light and quiet



### HSE 42

230 V • 420 W • 3.0 kg<sup>②</sup>

Ideal for trimming and cutting twigs and thin branches. Integrated cut protection, screw-on tip protector, mechanical blade brake, single-sided cutting blades, cable strain relief with lock.

Bar length **45 cm**  
Order number **4818 011 3500**



### HSE 52

230 V • 460 W • 3.1 kg<sup>②</sup>

Ideal for trimming and cutting twigs and thin branches. Integrated cut protection, screw-on tip protector, mechanical blade brake, single-sided cutting blades, cable strain relief with lock, tip protection on blade end.

Bar length **50 cm**  
Order number **4818 011 3501**



### HSE 61

230 V • 500 W • from 3.9 kg<sup>②</sup>

With 5-position turning handle for flexible, easy cutting. Integrated cut protection, screw-on tip protector, shaft extension, single-sided cutting blades, low vibration, cable strain relief.

Bar length **60 cm**  
Order number **4812 011 3560**



### HSE 71

230 V • 600 W • from 4.1 kg<sup>②</sup>

Suitable for tough branches. Integrated cut protection, screw-on tip protector, shaft extension, single-sided cutting blades, 5-position rotary handle, minimum vibration, cable strain relief.

Bar length **60 cm**  
Order number **4812 011 3576**

Bar length **70 cm**  
Order number **4812 011 3577**



### HSE 81

230 V • 650 W • from 4.1 kg<sup>②</sup>

Ideal for hedges with thicker branches. Integrated cut and tip protector, shaft extension, double-sided cutting blades with wide tooth spacing, 5-position rotary handle, minimum vibration, cable strain relief.

Bar length **50 cm**  
Order number **4812 011 3582**

Bar length **60 cm**  
Order number **4812 011 3583**

Bar length **70 cm**  
Order number **4812 011 3584**

① Weight excluding battery  
② Weight excluding cable  
③ For explanation of symbols, see page 482



## ACCESSORIES AND PARTS FOR HEDGE TRIMMERS

- Handy helpers to lighten your workload
- Service kits for simple standard maintenance
- Tip protectors and catcher plate
- "Adjustable blade position" conversion kits



### SERVICE KITS

Tackle your own straightforward maintenance work with the Service Kits for STIHL petrol-driven hedge trimmers: each kit contains a spark plug, fuel filter, and fleece filter. With proactive, regular standard maintenance, you can protect your power tool against dirt and damage while also increasing its service life. The only additional maintenance implement you need is the combination socket tool supplied with your STIHL hedge trimmer.

**Service Kit 25** for HS 45  
Order number **4140 007 4101**

**Service Kit 34** for HS 82  
Order number **4237 007 4100**

**Service Kit 46** for the HS 45 (with STIHL 2-MIX engine)  
Order number **4140 007 4102**

**NEW Service Kit 48** for FS 23, FS 24, FS 25, FS 26, FS 94, HL 91, HL 94  
Order number **4149 007 4102**



### CARRY BAG

Lightweight, durable bag for transport and storage of all STIHL KombiEngines with a loop handle, and the FS-KM or HL-KM KombiTools. Also ideal for the KMA 80 R, KMA 120 R, KMA 135 R, HSA 50, HSA 60, HSA 100, HLA 56, BGA 57, BGA 60, BGA 86 and BGA 100 battery power tools, each with one battery and charger. The contents shown are not included with the bag.

Order number **0000 881 0507**



### "ADJUSTABLE BLADE POSITION" CONVERSION KITS

Kit for adjusting the position of the blades after blades become worn.

**Blade position kit, adjustable, 60 cm**

For HS 82 R and HSA 130 R  
Order number **4237 007 1008**

For HS 82 T and HSA 130 T  
Order number **4237 007 1001**

**Blade position kit, adjustable, 75 cm**

For HS 82 R and HSA 130 R  
Order number **4237 007 1009**

For HS 82 T and HSA 130 T  
Order number **4237 007 1002**



### CATCHER PLATE FOR CUTTING BLADES

For catching and removing cuttings. For a 50 cm cutting length, can be fitted tool-free on both sides.

For HSA 50, HSA 56, HSA 66, HSA 86, all HSE models, HLA 56, HLA 66 and HLA 86  
Order number **4859 740 3300**

 PAGE **411**

### MULTIPURPOSE GREASE

Multi-purpose grease for all STIHL hedge trimmer and electric chainsaw gear systems. Available in 40 g, 80 g and 225 g tub sizes.



 PAGE **413**

### SUPERCLEAN

Loosens resin and dirt from hedge trimmer blades and also acts as corrosion protection and lubricant. Available in a 50 ml and 300 ml spray can.



### TIP PROTECTORS

Prevents the end of the cutter bar from getting damaged while working close to walls and the ground.

For HS 56 C-E, HS 82 T, and HSA 130 T  
Order number **4237 792 9006**

For HS 82 R and HSA 130 R  
Order number **4237 790 9802**



### TELESCOPIC SHAFT

Facilitates ergonomic working in an upright position with the HSA 26. Easy and rapid connection with the HSA 26 well as easy changeover of the AS battery in the handle. Telescopic adjustment on an infinitely variable basis, from 95-110 cm, working angle that can be adjusted through 125°, smooth-running rollers, softgrip handle. The telescopic shaft only fits the HSA 26 and is not compatible with the GTA 26 or the HSA 25.

For HSA 26  
Order number **HA03 710 7100**



Order number	Bar length (cm)	Displacement (cm <sup>2</sup> )	Power output (kW / hp)	Rated voltage (V)	Power consumption (W)	Weight (kg)	Sound pressure level <sup>Ⓢ</sup> (dB(A))	Sound power level <sup>Ⓢ</sup> (dB(A))	Vibration level, left/right <sup>Ⓢ</sup> (m/s <sup>2</sup> )	STIHL engine (2-MIX / 4-MIX <sup>®</sup> ) / STIHL battery system	Total length (cm)	Stroke rate (rpm)	Tooth spacing (mm)	STIHL anti-vibration system	STIHL ElastoStart	STIHL ErgoStart	Rotating multi-function handle	
<b>PETROL-DRIVEN HEDGE TRIMMERS</b>																		
HS 45	4228 011 2937	45	27.2	0.75 / 1.0	-	-	4.7 <sup>Ⓢ</sup>	97	106	10.0 / 9.0	2-MIX	95	4,030	30	●	●	-	-
HS 45	4228 011 2938	60	27.2	0.75 / 1.0	-	-	5.0 <sup>Ⓢ</sup>	97	106	10.0 / 9.0	2-MIX	110	4,030	30	●	●	-	-
HS 46	4242 011 2902	45	21.4	0.65 / 0.9	-	-	4.0 <sup>Ⓢ</sup>	95	106	4.5 / 4.9	2-MIX	89	3,600	30	●	-	-	-
HS 46 C-E	4242 011 2927	55	21.4	0.65 / 0.9	-	-	4.3 <sup>Ⓢ</sup>	95	106	4.5 / 4.9	2-MIX	100	3,600	30	●	-	●	-
HS 52	4228 011 2943	60	27.2	0.75 / 1.0	-	-	5.0 <sup>Ⓢ</sup>	100	109	13.5 / 13.3	2-MIX	106	4,000	34	-	-	-	-
HS 56 C-E	4242 011 2947	60	21.4	0.65 / 0.9	-	-	4.5 <sup>Ⓢ</sup>	95	106	4.7 / 5.5	2-MIX	104	3,600	34	●	-	●	-
HS 82 R	4237 011 2977	60	22.7	0.7 / 1.0	-	-	5.3 <sup>Ⓢ</sup>	94	106	2.7 / 3.1	2-MIX	120	3,200	38	●	-	-	●
HS 82 RC-E	4237 011 2982	60	22.7	0.7 / 1.0	-	-	5.3 <sup>Ⓢ</sup>	94	106	2.5 / 2.9	2-MIX	120	3,200	38	●	-	●	●
HS 82 T	4237 011 2985	60	22.7	0.7 / 1.0	-	-	5.1 <sup>Ⓢ</sup>	95	106	2.7 / 2.1	2-MIX	121	5,100	30	●	-	-	●
HS 87 R	4237 011 2991	75	22.7	0.7 / 1.0	-	-	5.5 <sup>Ⓢ</sup>	96	106	3.1 / 3.0	2-MIX	135	3,200	38	●	-	-	-
HS 87 T	4237 011 2995	75	22.7	0.7 / 1.0	-	-	5.2 <sup>Ⓢ</sup>	97	107	2.6 / 2.6	2-MIX	135	5,100	30	●	-	-	-
<b>BATTERY HEDGE TRIMMERS</b>																		
HSA 26	HA03 011 3500	20	-	-	10.8	-	0.8 <sup>Ⓢ</sup>	69	80	- / 1.0 <sup>Ⓢ</sup>	AS-System	50	2,200	19	-	-	-	-
HSA 26 SET with AS 2 + AL 10	HA03 011 3506	20	-	-	10.8	-	1.0 <sup>Ⓢ</sup>	69	80	- / 1.0 <sup>Ⓢ</sup>	AS-System	50	2,200	19	-	-	-	-
HSA 30	NEW HA08 011 3500	45	-	-	10.8	-	2.0 <sup>Ⓢ</sup>	82	90	1.9 / 1.4	AS-System	89	2,800	22	-	-	-	-
HSA 30 SET with AS 2 + AL 1	NEW HA08 011 3506	45	-	-	10.8	-	2.2 <sup>Ⓢ</sup>	82	90	1.9 / 1.4	AS-System	89	2,800	22	-	-	-	-
HSA 40	NEW HA08 011 3520	50	-	-	10.8	-	2.1 <sup>Ⓢ</sup>	82	90	1.9 / 1.4	AS-System	94	2,800	24	-	-	-	-
HSA 40 SET with 2 × AS 2 + AL 1	NEW HA08 011 3526	50	-	-	10.8	-	2.3 <sup>Ⓢ</sup>	82	90	1.9 / 1.4	AS-System	94	2,800	24	-	-	-	-
HSA 45	4511 011 3520	50	-	-	18	-	2.3 <sup>Ⓢ</sup>	75	83	1.4 / 1.5	AI-Line	91	2,500	24	-	-	-	-
HSA 50	NEW 4521 011 3530	50	-	-	36	-	2.9 <sup>Ⓢ</sup>	78	89	2.0 / 1.6	AK-System	101	2,800	30	-	-	-	-
HSA 50 SET with AK 10 + AL 101	NEW 4521 011 3540	50	-	-	36	-	3.7 <sup>Ⓢ</sup>	78	89	2.0 / 1.6	AK-System	101	2,800	30	-	-	-	-
HSA 60	NEW HA06 011 3500	60	-	-	36	-	3.5 <sup>Ⓢ</sup>	77	85	1.5 / 1.0	AK-System	117	3,000	34	●	-	-	●
HSA 60 SET with AK 10 + AL 101	NEW HA06 011 3510	60	-	-	36	-	4.3 <sup>Ⓢ</sup>	77	85	1.5 / 1.0	AK-System	117	3,000	34	●	-	-	●
HSA 100	NEW HA07 011 3500	60	-	-	36	-	3.7 <sup>Ⓢ</sup>	76	84	1.0 / 0.8	AP-System	116	3,000	34	●	-	-	●
HSA 130 R	4869 011 3560	60	-	-	36	-	4.1 <sup>Ⓢ</sup>	83	94	3.5 / 2.7	AP-System	117	2,800 / 3,000 / 3,200 <sup>Ⓢ</sup>	38	-	-	-	●
HSA 130 R	4869 011 3561	75	-	-	36	-	4.4 <sup>Ⓢ</sup>	84	95	3.6 / 2.8	AP-System	132	2,800 / 3,000 / 3,200 <sup>Ⓢ</sup>	38	-	-	-	●
HSA 130 T	4869 011 3566	60	-	-	36	-	3.9 <sup>Ⓢ</sup>	84	95	3.0 / 2.8	AP-System	118	4,400 / 4,700 / 5,000 <sup>Ⓢ</sup>	30	-	-	-	●
HSA 130 T	4869 011 3567	75	-	-	36	-	4.1 <sup>Ⓢ</sup>	85	96	2.5 / 2.9	AP-System	130	4,400 / 4,700 / 5,000 <sup>Ⓢ</sup>	30	-	-	-	●
<b>ELECTRIC HEDGE TRIMMERS</b>																		
HSE 42	4818 011 3520	45	-	-	230	420	3.0 <sup>Ⓢ</sup>	84	95	3.1 / 1.5	-	92	3,400	21	-	-	-	-
HSE 52	4818 011 3530	50	-	-	230	460	3.1 <sup>Ⓢ</sup>	84	95	3.1 / 1.5	-	101	3,400	23	-	-	-	-
HSE 61	4812 011 3560	60	-	-	230	500	4.1 <sup>Ⓢ</sup>	85	96	5.3 / 3.3	-	121	3,200	29	-	-	-	●
HSE 71	4812 011 3576	60	-	-	230	600	4.1 <sup>Ⓢ</sup>	88	99	3.8 / 2.6	-	123	2,600	36	-	-	-	●
HSE 71	4812 011 3577	70	-	-	230	600	4.2 <sup>Ⓢ</sup>	88	99	3.8 / 2.6	-	133	2,600	36	-	-	-	●
HSE 81	4812 011 3582	50	-	-	230	650	4.1 <sup>Ⓢ</sup>	88	99	3.2 / 2.1	-	113	2,600	36	-	-	-	●
HSE 81	4812 011 3583	60	-	-	230	650	4.2 <sup>Ⓢ</sup>	88	99	3.5 / 2.5	-	123	2,600	36	-	-	-	●
HSE 81	4812 011 3584	70	-	-	230	650	4.4 <sup>Ⓢ</sup>	88	99	3.5 / 2.5	-	133	2,600	36	-	-	-	●

● Fitted as standard  
○ Retrofittable (accessory)

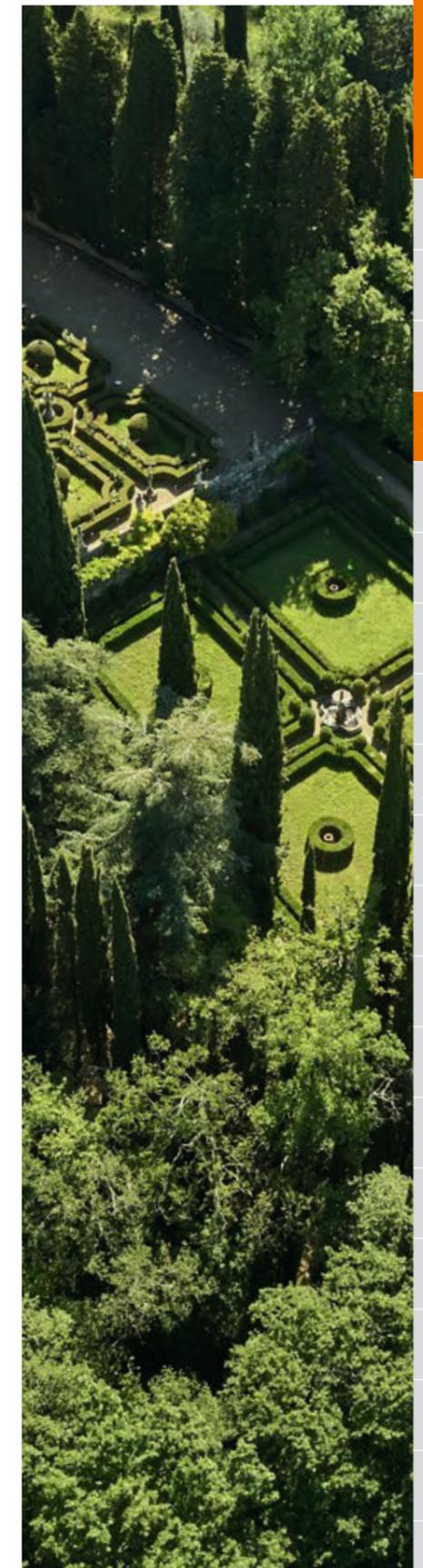
C = Comfort version  
E = STIHL ErgoStart  
R = Pruning  
T = Trimming

Ⓢ K-factor in accordance with Directive 2006 / 42 / EC = 2.0 dB(A)  
Ⓢ K-factor in accordance with Directive 2006 / 42 / EC = 2 m/s<sup>2</sup>  
Ⓢ Weight excluding fuel, fully assembled

Ⓢ Weight excluding battery, including shrub cutter  
Ⓢ Weight including battery and shrub cutter, but excluding charger  
Ⓢ Weight including battery

Ⓢ Weight excluding battery  
Ⓢ Weight including battery, excluding charger  
Ⓢ Weight excluding cable

Ⓢ With shrub cutter / with grass trimmer  
Ⓢ Level 1 / level 2 / level 3



## LONG-REACH HEDGE TRIMMERS IN DETAIL



**01** OUTSTANDING CUTTING PERFORMANCE

**03** LIGHTWEIGHT

**04** COMFORTABLE OPERATION

**02** LONG SERVICE LIFE

**05** MAXIMUM FREEDOM WHILE YOU WORK

**06** NOT WEATHER-DEPENDENT

### TECHNOLOGY

#### 01 BLADE SYSTEM

Friction-optimised smooth-running universal blades increase battery runtime by more than 20% compared to traditional blades and, when teamed with battery drive, ensure very good cutting performance during trimming and pruning.

#### 02 METAL MESH AIR FILTER

The metal mesh air filter that is easy to clean from the outside ensures optimum engine cooling, protects the interior of the engine casing against dirt in the long term, and thereby maintains a long service life.

### CONVENIENCE

#### 03 MAGNESIUM TRANSMISSION

The lightweight magnesium transmission with cutter bar can be adjusted tool-free through 145°, for head-height, lateral and ground-level cutting.

#### 04 CONTROL HANDLE WITH SPEED ADJUSTMENT

The intuitive control handle with three-setting speed adjustment and LED display ensures ergonomic use.

#### 05 BATTERY SLOT IN THE POWER TOOL

STIHL AP batteries can be inserted directly into the engine housing. This makes your work even more mobile and enables the user to benefit from the good balance of the long-reach hedge trimmer, as well as maximum freedom while working.

#### 06 CAN BE USED IN THE RAIN

STIHL battery power tools with this symbol  have passed extensive tests based on the IPX4 standard, and can therefore also be used without restriction in rainy conditions.

## LONG-REACH HEDGE TRIMMER AND ACCESSORIES

### HL 91 KC-E

24.1 cm<sup>3</sup> • 0.9 kW / 1.2 hp • 5.8 kg<sup>Ⓞ</sup>

Optimised for professional cutting of clipped hedges and topiary. Extra-short shaft and reduced-weight transmission made of die-cast magnesium, with STIHL ErgoStart, cutter bar adjustable by 130°. Total length 168 cm.

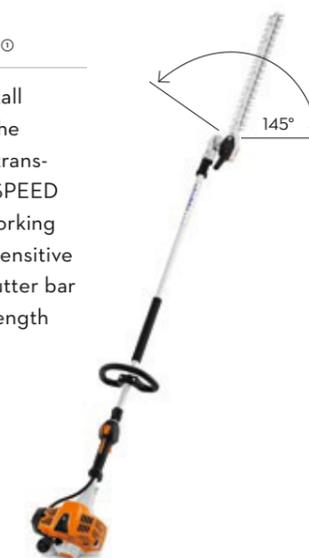


Bar length **60 cm**  
Order number **4243 200 0019**

### HL 94 C-E

24.1 cm<sup>3</sup> • 0.9 kW / 1.2 hp • 6.2 kg<sup>Ⓞ</sup>

For professional work on tall hedges and use close to the ground. Reduced-weight transmission, with STIHL ECOSPEED for speed control when working for long periods in noise-sensitive areas, STIHL ErgoStart, cutter bar adjustable by 145°. Total length 242 cm.



Bar length **60 cm**  
Order number **4243 200 0024**

**Additional versions:**  
HL 94 KC-E (without loop handle) **60 cm** **4243 200 0016**



### APPROPRIATE FUELS AND LUBRICANTS

SEE FROM PAGE 404

### HLA 56

36 V • 3.8 kg<sup>①</sup>



Lightweight battery long-reach hedge trimmer for cutting taller hedges and shrubs in your home garden. Single-sided cutter blade in a teardrop shape, variably adjusted blade angle from -45° to +90°, detachable shaft for easy transport. Carrying length 115 cm, total length 210 cm.



INCLUDING WALL HOLDER



ACCESSORIES:  
**HLA SHAFT EXTENSION**

**PROTECTIVE FOOT**

See page 165

**HARNESS**

See page 270

**HLA 56** excluding battery and charger

Bar length **45 cm**  
Order number **HA01 011 2900**

**HLA 56 set** with AK 20 and AL 101

Bar length **45 cm**  
Order number **HA01 200 0011**

**HLA 56 set** with 2 × AK 20 and AL 101

Bar length **45 cm**  
Order number **HA01 200 0008**

### HLA 66

36 V • 3.8 kg<sup>①</sup>



Lightweight battery long-reach hedge trimmer for pruning hedges and shrubs as well as plants close to the ground. The cutter bar can be adjusted through 115° without the use of tools, for head-height, side, and ground-level cutting. Double-sided cutting blade for a clean cutting pattern. Constant blade stroke and work progress under load. Loop handle, infinitely variable speed control, and intuitive control handle. Transport length with cutter bar folded up 125 cm; total length 205 cm.



ACCESSORIES:  
**PROTECTIVE FOOT**

See page 165

**HLA 66** excluding battery and charger

Bar length **50 cm**  
Order number **4859 011 2910**

### HLA 86

36 V • 4.8 kg<sup>①</sup>



Battery long-reach hedge trimmer with significant range for professional use. Particularly well-suited for pruning tall hedges and shrubs as well as cutting back plants close to the ground. Ergonomic work due to a stable square-cut telescopic shaft. Both the shaft length and cutter bar can be adjusted tool-free. The cutter bar can be pivoted through 115° for head-height, side, and ground-level cutting. Double-sided cutting plate for a clean cutting pattern, infinitely variable speed control, and intuitive control handle. Transport length with cutter bar folded up 180 cm; total length 260–330 cm.



ACCESSORIES:  
**PROTECTIVE FOOT**

See page 165

**HLA 86** excluding battery and charger

Bar length **50 cm**  
Order number **4859 011 2930**

### HLA 135

36 V • 5.4 kg<sup>①</sup>



The most powerful battery long-reach hedge trimmer in the STIHL range, for professional use in noise-sensitive areas. For cutting shrubs and bushes as well as plants near the ground, and the whole spectrum from trimming to pruning. The cutter bar can be adjusted through 145° without the use of tools, for head-height, side, and ground-level cutting. Double-sided cutting blade for a clean cutting pattern. Intuitive control handle with an LED display. Total length 249 cm.



ACCESSORIES:  
**PROTECTIVE FOOT**

See page 165

**HLA 135** excluding battery and charger

Bar length **60 cm**  
Order number **HA04 200 0001**

**Additional versions:**

**HLA 135 K** (without loop handle), excluding battery and charger  
60 cm **HA04 200 0006**

### HLE 71

230 V • 600 W • 5.9 kg<sup>②</sup>

Perfect for trimming tall and wide hedges in noise-sensitive areas. 125° adjustable cutter bar, double-sided cutting blade, softgrip handle, carrying position, overload protection, cable strain relief, total length 254 cm.



Bar length **50 cm**  
Order number **4813 011 2909**

**Additional versions:**

**HLE 71 K** **50 cm** **4813 011 2908**



### BRACKET FOR PROFESSIONAL TELESCOPIC SHAFT



For outstanding ergonomic design in combination with a shoulder strap or the RTS harness. The tool is easy to attach and quick to release. Already included in delivery with the HT 135 and HTA 135.

For HT 135, HTA 86, HTA 135, HTA 160 and HLA 86  
Order number 0000 790 8600

### TIP PROTECTORS

Prevents the end of the cutter bar from getting damaged while working close to walls and the ground (not suitable for HLA).



For HLE 71  
Order number 4230 007 1005

For HL 91 and HL 94  
Order number 4237 792 9006

### CATCHER PLATE FOR CUTTING BLADES



For catching and removing cuttings. For a 50 cm cutting length, can be fitted tool-free on both sides.

For HSA 50, HSA 56, HSA 66, HSA 86, all HSE models, HLA 56, HLA 66 and HLA 86  
Order number 4859 740 3300

### HLA SHAFT EXTENSION

For simple extension of reach by 50 cm. Made from aluminium. Weight: 500 g.

For HLA 56  
Order number HA01 820 5000



Order number	Bar length (cm)	Displacement (cm <sup>3</sup> )	Power output (kW / hp)	Rated voltage (V)	Power consumption (W)	Weight (kg)	Sound pressure level <sup>Ⓞ</sup> (dB(A))	Sound power level <sup>Ⓞ</sup> (dB(A))	Vibration level, left / right <sup>Ⓞ</sup> (m/s <sup>2</sup> )	STIHL engine (2-MIX / 4-MIX <sup>Ⓞ</sup> ) / STIHL battery system	Total length <sup>Ⓞ</sup> (cm)	Stroke rate (rpm)	Tooth spacing (mm)	STIHL ErgoStart	Loop handle
<b>PETROL LONG-REACH HEDGE TRIMMER</b>															
HL 91 KC-E (130°)	4243 200 0019	60	24.1	0.9 / 1.2	-	5.8 <sup>Ⓞ</sup>	92	106	7.9 / 5.2	2-MIX	168	3,615	34	•	•
HL 94 KC-E (145°)	4243 200 0016	60	24.1	0.9 / 1.2	-	5.7 <sup>Ⓞ</sup>	92	107	6.4 / 6.4	2-MIX	199	3,615	34	•	-
HL 94 C-E (145°)	4243 200 0024	60	24.1	0.9 / 1.2	-	6.2 <sup>Ⓞ</sup>	91	106	6.5 / 5.4	2-MIX	242	3,615	34	•	•
<b>BATTERY LONG-REACH HEDGE TRIMMERS</b>															
HLA 56 (135°)	HA01 011 2900	45	-	-	36	3.8 <sup>Ⓞ</sup>	80	88	1.5 / 1.5	AK-System	210	2,800	30	-	•
SET HLA 56 (135°) with AK 20 + AL 101	HA01 200 0011	45	-	-	36	5.0 <sup>Ⓞ</sup>	77	88	1.5 / 1.5	AK-System	210	2,800	30	-	•
SET HLA 56 (135°) with 2 x AK 20 + AL 101	HA01 200 0008	45	-	-	36	5.0 <sup>Ⓞ</sup>	77	88	1.5 / 1.5	AK-System	210	2,800	30	-	•
HLA 66 (115°)	4859 011 2910	50	-	-	36	3.8 <sup>Ⓞ</sup>	80	91	2.3 / 1.8	AP-System	205	3,000	33	-	•
HLA 86 (115°)	4859 011 2930	50	-	-	36	4.8 <sup>Ⓞ</sup>	80	91	2.3 / 1.6	AP-System	260 - 330	3,000	33	-	-
HLA 135 K (145°)	HA04 200 0006	60	-	-	36	5.2 <sup>Ⓞ</sup>	85	96	2.3 / 2.7	AP-System	219	4,000	34	-	-
HLA 135 (145°)	HA04 200 0001	60	-	-	36	5.4 <sup>Ⓞ</sup>	85	96	2.5 / 3.3	AP-System	249	4,000	34	-	•
<b>ELECTRIC LONG-REACH HEDGE TRIMMER</b>															
HLE 71 K (125°)	4813 011 2908	50	-	-	230	5.6 <sup>Ⓞ</sup>	85	96	6.9 / 4.3	-	211	4,000	35	-	•
HLE 71 (125°)	4813 011 2909	50	-	-	230	5.9 <sup>Ⓞ</sup>	84	95	7.6 / 3.6	-	254	4,000	35	-	•

• Fitted as standard    C = Comfort version    Ⓞ K-factor in accordance with Directive 2006 / 42 / EC = 2.0 dB(A)  
 ◦ Retrofittable (accessory)    E = STIHL ErgoStart    Ⓞ K-factor in accordance with Directive 2006 / 42 / EC = 2 m/s<sup>2</sup>  
 K = Short shaft    Ⓞ With blade cutting attachment

### SERVICE KITS



Tackle your own straightforward maintenance work with the Service Kits for STIHL petrol-driven long-reach hedge trimmers: each kit contains a spark plug, fuel filter, and fleece filter. With proactive, regular standard maintenance, you can protect your power tool against dirt and damage while also increasing its service life. The only additional maintenance implement you need is the combination socket tool supplied with your STIHL long-reach hedge trimmer.

Service Kit 29 for FS 87, FS 90, FS 100, FT 100, HL 90, HL 95, HL 100, HT 100, HT 101, KM 90, KM 100  
Order number 4180 007 4101

NEW Service Kit 48 for FS 23, FS 24, FS 25, FS 26, FS 94, HL 91, HL 94  
Order number 4149 007 4102

STIHL engine (2-MIX / 4-MIX <sup>Ⓞ</sup> ) / STIHL battery system	Total length <sup>Ⓞ</sup> (cm)	Stroke rate (rpm)	Tooth spacing (mm)	STIHL ErgoStart	Loop handle
2-MIX	168	3,615	34	•	•
2-MIX	199	3,615	34	•	-
2-MIX	242	3,615	34	•	•
AK-System	210	2,800	30	-	•
AK-System	210	2,800	30	-	•
AK-System	210	2,800	30	-	•
AP-System	205	3,000	33	-	•
AP-System	260 - 330	3,000	33	-	-
AP-System	219	4,000	34	-	-
AP-System	249	4,000	34	-	•
-	211	4,000	35	-	•
-	254	4,000	35	-	•

Ⓞ Weight excluding fuel, fully assembled    Ⓞ Weight including battery, excluding charger  
 Ⓞ Weight excluding battery    Ⓞ Weight excluding cable

### RTS HARNESS



For prolonged use. Can be adjusted to the user's size, and enables effortless and ergonomic work. For pole pruners, KombiEngines with HT-KM or HL-KM 145° and long-reach hedge trimmers. Cannot be used with HL 94 KC-E and HLE 71 K.

Order number 0000 790 4400

### PROTECTIVE FEET

For protecting the power tool and battery from direct contact with the ground.



For HTA 66, HTA 86, HLA 66 and HLA 86  
Order number 4857 007 1001

For protecting the power tool and battery from direct contact with the ground. Already included in delivery with the HTA 135, HTA 150 and HTA 160.



For HLA 135, HTA 135, HTA 150, HTA 160 and KMA 135 R  
Order number LA01 007 1002

For protecting the power tool and battery from direct contact with the ground.



For HLA 56 and HTA 50  
Order number HA01 007 1000

### CARRY BAG

Lightweight, durable bag for transport and storage of all STIHL KombiEngines with a loop handle, and the FS-KM or HL-KM KombiTools. Also ideal for the KMA 80 R, KMA 120 R, KMA 135 R, HSA 50, HSA 60, HSA 100, HLA 56, BGA 57, BGA 60, BGA 86 and BGA 100 battery power tools, each with one battery and charger. The contents shown are not included with the bag.



Order number 0000 881 0507



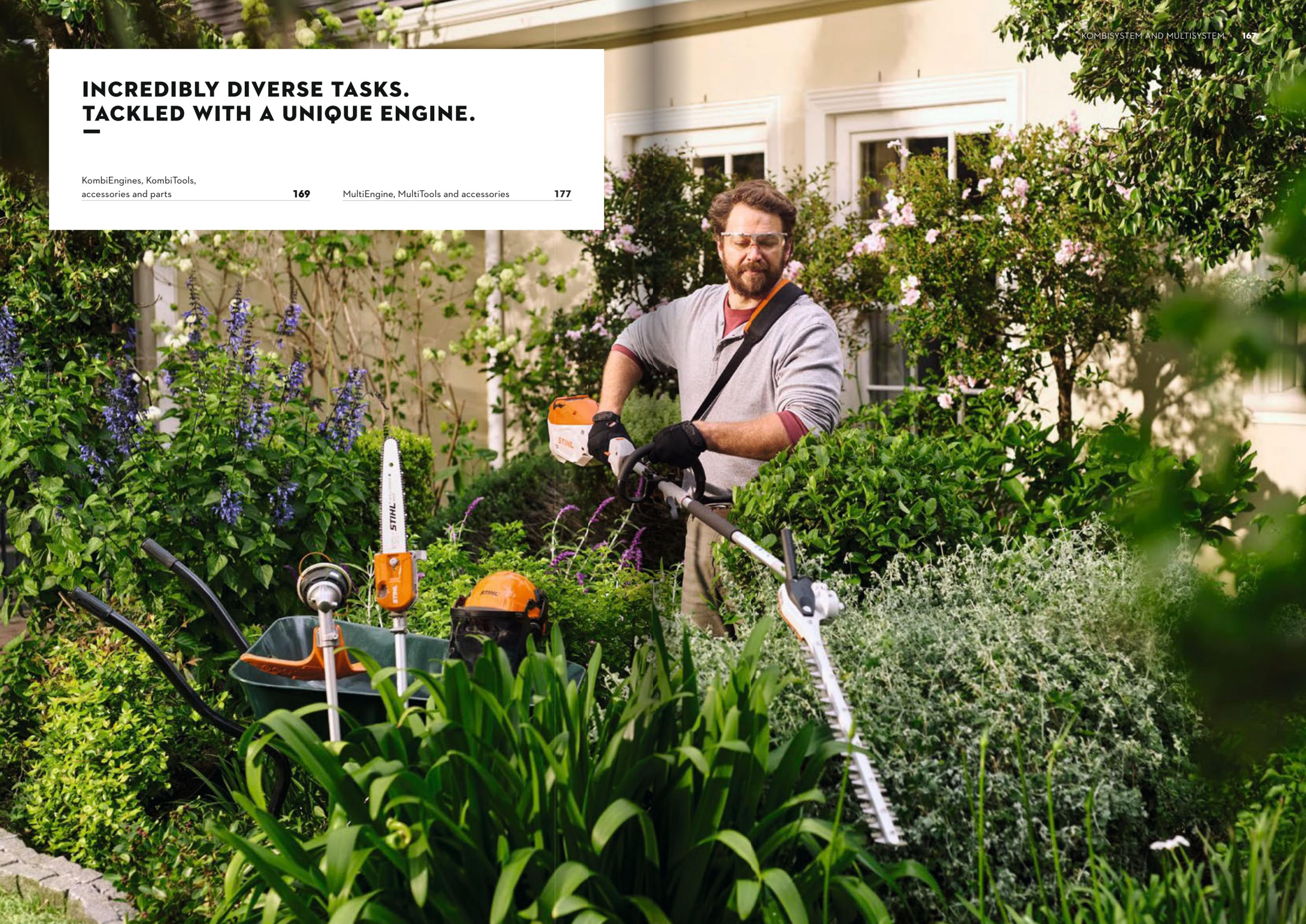
# INCREDIBLY DIVERSE TASKS. TACKLED WITH A UNIQUE ENGINE.

KombiEngines, KombiTools,  
accessories and parts

169

MultiEngine, MultiTools and accessories

177

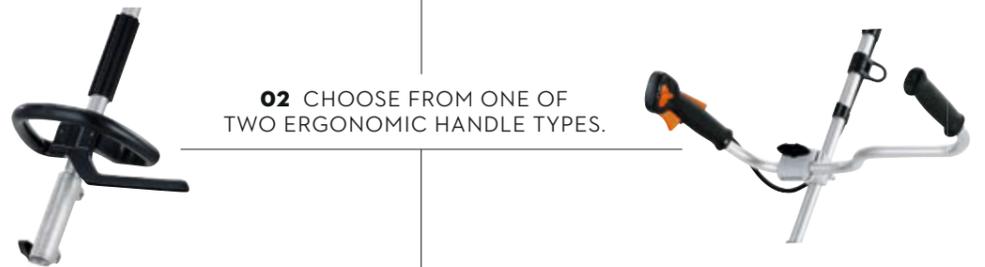


# KOMBISYSTEM IN DETAIL

01 CHOOSE FROM ONE OF TEN POWERFUL KOMBIENGINES



02 CHOOSE FROM ONE OF TWO ERGONOMIC HANDLE TYPES.



03 COMBINE WITH ONE OF OUR MANY KOMBITOOLS AND YOU'RE READY TO GO.



Please note that not all products are equipped with the features presented here. Only the most important features are described on this page. For further explanations and information, see from page 482 and online at [stihl.com](http://stihl.com).

① The KM 56 RC-E cannot be used with the RG-KM rotary cutting head  
 ② The KM 131 R and KMA 135 R cannot be used with the FSB-KM brushcutter

# KOMBIENGINES, KOMBITOOLS, ACCESSORIES AND PARTS

- For maintenance around the home and garden as well as in larger areas
- Powerful KombiEngines
- Practical KombiTools for different tasks
- Switch between tools in no time
- An extensive range of accessories



## KM 56 RC-E

27.2 cm<sup>3</sup> • 0.8 kW / 1.1 hp • 4.3 kg<sup>③</sup>

For use in the garden and outdoor domestic areas. STIHL ErgoStart, loop handle with barrier bar, harness, STIHL 2-MIX engine.

Order number 4144 200 0016



## KM 91 R

28.4 cm<sup>3</sup> • 0.95 kW / 1.3 hp • 4.4 kg<sup>③</sup>

For professional applications. Simplified start-up sequence for convenient starting, a larger fuel tank for increase runtime, paper air filter, loop handle, STIHL 4-MIX engine.

Order number 4180 011 5317



## KM 85 R

25.4 cm<sup>3</sup> • 0.95 kW / 1.3 hp • 3.5 kg<sup>③</sup>

Powerful KombiEngine with lots of engine power. STIHL ElastoStart, loop handle.

Order number 4137 200 0010



## KM 94 RC-E

24.1 cm<sup>3</sup> • 0.9 kW / 1.2 hp • 4.0 kg<sup>③</sup>

For professional applications. STIHL ErgoStart, STIHL ECOSPEED part throttle function, loop handle with barrier bar, harness, STIHL 2-MIX engine, stop button.

Order number 4149 200 0089



C = Comfort version  
 E = STIHL ErgoStart  
 R = Loop handle

③ Weight excluding fuel and without KombiTool



**KM 111 R**

31.4 cm³ • 1.05 kW / 1.4 hp • 4.4 kg<sup>①</sup>

For professional applications. Simplified start-up sequence for convenient starting, stop button, a larger fuel tank for increased runtime, paper air filter, loop handle with barrier bar, STIHL 4-MIX® engine.



Order number **4180 200 0562**

**NEW**

**KM 235 R**

36.3 cm³ • 1.55 kW / 2.1 KM • 5.7 kg<sup>①</sup>

Very powerful KombiEngine for professional applications. Versatile use due to wide range of STIHL KombiTools. Simplified start-up sequence for convenient starting thanks to automatic decompression and manual fuel pump. With loop handle, STIHL anti-vibration system and STIHL 2-MIX® engine.



Order number **4151 011 5303**

**KM 131 R**

36.3 cm³ • 1.4 kW / 1.9 hp • 4.4 kg<sup>①</sup>

For professional applications requiring high performance. Simplified start-up sequence for convenient starting, stop button, a larger fuel tank for increased runtime, paper air filter, loop handle with barrier bar, STIHL 4-MIX® engine. The KM 131 R cannot be used with the FSB-KM brushcutter.



Order number **4180 200 0589**

**NEW**

**KM 235**

36.3 cm³ • 1.55 kW / 2.1 hp • 6.0 kg<sup>①</sup>

Very powerful KombiEngine for professional applications. Versatile use due to wide range of STIHL KombiTools. Simplified start-up sequence for convenient starting thanks to automatic decompression and manual fuel pump. Comfortable work thanks to the single-handed multi-function handle and STIHL anti-vibration system. STIHL 2-MIX® engine.



Order number **4151 011 5302**

ACCESSORIES:  
**NEW PROTECTIVE FOOT**

See page 175



**NEW KMA 80 R**

36 V • 1.0 kW<sup>②</sup> • 3.1 kg<sup>③</sup>

Lightweight battery KombiEngine with high torque for energy-efficient, low-noise working. Versatile use due to wide range of STIHL KombiTools. AK battery slot in the power tool, brushless EC motor, speed control and two power settings (Eco and Max), loop handle with tool-free handle adjustment. Barrier bar can be easily mounted or detached. Side gearshift lock, rotating suspension eyelet The KMA 80 R cannot be used with the FSB-KM brushcutter.

**KMA 80 R** excluding battery and charger  
Order number  
**FA08 011 6800**

ACCESSORIES:  
**NEW PROTECTIVE FOOT**

See page 175



**NEW KMA 120 R**

36 V • 1.0 kW<sup>②</sup> • 3.5 kg<sup>③</sup>

Powerful, lightweight battery KombiEngine with high torque for energy-efficient, low-noise working. Versatile use due to wide range of STIHL KombiTools. AP battery slot in the power tool, brushless EC motor, speed control and two power settings (Eco and Max), loop handle with tool-free handle adjustment. Barrier bar can be easily mounted or detached. Side gearshift lock, rotating suspension eyelet The KMA 120 R cannot be used with the FSB-KM brushcutter.

**KMA 120 R** excluding battery and charger  
Order number  
**FA08 011 6820**

ACCESSORIES:  
**PROTECTIVE FOOT**

See page 175



**KMA 135 R**

36 V • 1.2 kW<sup>②</sup> • 3.4 kg<sup>③</sup>

Robust and powerful battery KombiEngine with an AP battery slot in the power tool. For working in noise-sensitive environments. The wide range of STIHL KombiTools means they offer versatile use. Single-handed multi-function handle with speed control and LED display, loop handle with barrier bar, air filter for a long service life. The KMA 135 R cannot be used with the FSB-KM brushcutter.

**KMA 135 R** excluding battery and charger  
Order number  
**FA02 011 6800**

R = Loop handle  
① Weight excluding fuel and without KombiTool  
② Further comparison values for petrol-driven KombiEngines are available on page 172

③ Weight excluding battery and KombiTool  
④ Ear protection must be worn when using the BG-KM blower  
⑤ For explanation of symbols, see page 482





Order number	Displacement (cm³)	Power output (kW / hp)	Power consumption (kW)	Rated voltage (V)	Weight (kg)	Sound pressure level <sup>①</sup> (dB(A)) <sup>②</sup>	Sound power level <sup>③</sup> (dB(A)) <sup>④</sup>	Vibration level, left / right <sup>⑤</sup> (m/s²) <sup>⑥</sup>	STIHL engine (2-MIX / 4-MIX <sup>®</sup> ) / STIHL battery system	In combination with BG-KM: blowing force (N) <sup>⑦</sup>	In combination with BG-KM: max. air speed (m/s)	In combination with BG-KM: Air throughput (m³/h) with round nozzle <sup>⑧</sup>	Length to coupling sleeve (cm)	STIHL ErgoStart	Automatic decompression	Loop handle	Harness
<b>PETROL KOMBIENGINES</b>																	
<b>KM 56 RC-E</b>	4144 200 0016	27.2 0.8 / 1.1	- -	4.3 <sup>①</sup>	96	109	8.5 / 8.2	2-MIX	16	71	845	84	•	-	•	•	
<b>KM 85 R</b>	4137 200 0010	25.4 0.95 / 1.3	- -	4.0 <sup>①</sup>	97	108	8.5 / 8.2	-	16	71	845	90	-	-	•	•	
<b>KM 91 R</b>	4180 011 5317	28.4 0.95 / 1.3	- -	4.4 <sup>①</sup>	99	110	6.3 / 5.4	4-MIX <sup>®</sup>	16	71	845	92	-	•	•	•	
<b>KM 94 RC-E</b>	4149 200 0089	24.1 0.9 / 1.2	- -	4.0 <sup>①</sup>	95	109	8.2 / 6.9	2-MIX	16	71	845	90	•	-	•	•	
<b>KM 111 R</b>	4180 200 0562	31.4 1.05 / 1.4	- -	4.4 <sup>①</sup>	99	109	7.2 / 6.4	4-MIX <sup>®</sup>	18	74	885	94	-	•	•	•	
<b>KM 131 R</b>	4180 200 0589	36.3 1.4 / 1.9	- -	4.4 <sup>①</sup>	101	110	6.1 / 6.5	4-MIX <sup>®</sup>	21	81	965	94	-	•	•	•	
<b>KM 235 R</b>	<b>NEW</b> 4151 011 5303	36.3 1.55 / 2.1	- -	5.7 <sup>①</sup>	102	112	9.0 / 9.4	2-MIX <sup>®</sup>	20.2	79.5	945	94	-	-	•	•	
<b>KM 235</b>	<b>NEW</b> 4151 011 5302	36.3 1.55 / 2.1	- -	6.0 <sup>①</sup>	102	112	9.0 / 9.4	2-MIX <sup>®</sup>	20.2	79.5	945	94	-	-	-	•	
<b>BATTERY KOMBIENGINES</b>																	
<b>KMA 80 R</b>	<b>NEW</b> FA08 011 6800	- 0.8 <sup>①</sup> / -	1.0	36	3.1 <sup>①</sup>	90	102	5.0 / 3.2	AK-System	15	57	815	92	-	-	•	•
<b>KMA 120 R</b>	<b>NEW</b> FA08 011 6820	- 0.8 <sup>①</sup> / -	1.0	36	3.5 <sup>①</sup>	90	102	5.0 / 3.1	AP-System	15	57	815	96	-	-	•	•
<b>KMA 135 R</b>	FA02 011 6800	- 1.0 <sup>①</sup> / -	1.2	36	3.4 <sup>①</sup>	91	104	5.0 / 3.7	AP-System	15	68	812	96	-	-	•	•

• Fitted as standard  
 ○ Retrofittable (accessory)  
 C = Comfort version  
 E = STIHL ErgoStart  
 R = Loop handle  
 ① K-factor in accordance with Directive 2006 / 42 / EC = 2.0 dB(A)  
 ② Maximum values for KombiTools that can be used  
 ③ K-factor in accordance with Directive 2006 / 42 / EC = 2 m/s²  
 ④ Power given in Newton (N) for comparison of blower outputs

**FS-KM BRUSHCUTTER<sup>®</sup>**

Ideal for clearing along walls or fences, under hedges or along paths. AutoCut C 26-2 mowing head



Order number 4180 200 0687

**FS-KM BRUSHCUTTER<sup>®</sup>**

Ideal for lawn areas with tough grass. GrassCut 230-2 grass-cutting blade.



Order number 4180 200 0475

**FSB-KM BRUSHCUTTER<sup>®</sup>**

Ideal for trimming in restricted spaces. AutoCut C 6-2 mowing head, curved shaft. Not approved for KM 131 R, KMA 130 R and KMA 135 R KombiEngines.



Order number 4137 740 5008

**FCB-KM EDGE TRIMMER<sup>®</sup>**

For precise lawn edging along paths, driveways and flowerbeds. Adjustable working depth.



Order number 4180 740 5002

**ACCESSORIES: EDGE TRIMMER BLADE (SPARE BLADE)**

Length 20 cm  
 Order number 4133 713 4101



**BF-KM PICK TINE<sup>®</sup>**

For aerating and cultivating soil.



Order number 4601 740 5000

**HT-KM POLE PRUNERS<sup>®</sup>**

Cuts high branches with precision. Compact design with an integrated direction guide, 1/4" PM3 saw chain.



Order number 4182 200 0212

**BG-KM BLOWER<sup>®</sup>**

Clears paths and open spaces of leaves and grass cuttings. High blowing force.



Order number 4606 740 5000

**ACCESSORIES: CURVED FLAT NOZZLE**

Order number 4606 701 8301



**KW-KM POWER SWEEPER<sup>®</sup>**

With rubber paddles, ideal for sweeping footpaths and roads.



Order number 4601 740 4904

**KB-KM BRISTLE BRUSH<sup>®</sup>**

Removes dirt from the deepest grooves and furrows. Fixed bristles, brushes rotate in opposite directions.



Order number 4601 740 4905

⑤ In blower mode  
 ⑥ Weight excluding fuel and without KombiTool  
 ⑦ Weight excluding battery and KombiTool  
 ⑧ Mechanical output as a comparative value for petrol-driven KombiEngines

⑨ Approved for all KombiEngines  
 ⑩ Only suitable for KombiEngines with loop handle (R)



### FH-KM 145° SCRUB CUTTER<sup>①</sup>

For cutting close to the ground and for low-spin mowing in very narrow spaces as well as in areas near traffic. Flexible adjustment mechanism, space-saving carrying position.



Order number **4243 740 5006**

### HL-KM 145° LONG-REACH HEDGE TRIMMER<sup>②</sup>

For demanding work on tall hedges and use close to the ground. The adjustment mechanism can be adjusted in increments, space-saving carrying position.



Bar length **50 cm**  
Order number **4243 740 5003**

Bar length **60 cm**  
Order number **4243 740 5008**

### HL-KM 0° LONG-REACH HEDGE TRIMMER<sup>②</sup>

Ideal for shaping high and wide hedges.



Order number **4243 740 5000**

### RG-KM ROTARY CUTTING HEAD<sup>②</sup>



For effective and low-spin removal of weeds and grass from a range of surfaces such as gravel, asphalt, and paved areas.



For **KM 91 R, KM 94 R, KM 111 R, KM 131 R, and KMA 135 R**  
Order number **4180 740 5006**

### ACCESSORIES: MAINTENANCE SET FOR RG-KM



Includes two replacement blades and one rider plate.

Order number **4180 007 4100**

Order number

Weight (kg)  
Total length without tool (cm)  
Working width, tool attachment (mm)  
Mowing circle diameter (mm)  
Blowing force<sup>③</sup> (N)  
Max. air speed (m/s) with round nozzle  
Air throughput (m<sup>3</sup>/h) with round nozzle  
Blade length (cm)  
Tooth spacing (mm)  
Incline angle(°)  
Bar length<sup>④</sup> (cm)  
Saw chain pitch  
STIHL Oilomatic saw chain type<sup>⑤</sup>  
Nominal idling speed value (rpm)

KOMBITOOLS													
FS-KM <sup>①</sup>	4180 200 0687	1.2 <sup>②</sup>	94	-	420	-	-	-	-	-	-	-	-
FS-KM <sup>①</sup>	4180 200 0475	1.2 <sup>②</sup>	94	-	420	-	-	-	-	-	-	-	-
FSB-KM <sup>②</sup>	4137 740 5008	0.7 <sup>②</sup>	77	-	420	-	-	-	-	-	-	-	-
FCB-KM <sup>②</sup>	4180 740 5002	2.3	92	-	-	-	-	-	-	-	-	-	-
BF-KM <sup>②</sup>	4601 740 5000	4.1 <sup>②</sup>	100	220	-	-	-	-	-	-	-	-	2,800
HT-KM <sup>②</sup>	4182 200 0212	1.6 <sup>②</sup>	126 <sup>②</sup>	-	-	-	-	-	-	30	1/4"	PM3	-
BG-KM <sup>①</sup>	4606 740 5000	1.8	89	154	-	16	59	845	-	-	-	-	-
KW-KM <sup>②</sup>	4601 740 4904	7.4 <sup>②</sup>	125	600	-	-	-	-	-	-	-	-	2,800
KB-KM <sup>②</sup>	4601 740 4905	6.4 <sup>②</sup>	125	600	-	-	-	-	-	-	-	-	2,800
FH-KM (145°) <sup>①</sup>	4243 740 5006	2.1	126	-	-	-	-	-	25	-	145	-	-
HL-KM (145°) <sup>②</sup>	4243 740 5003	2.3	148	-	-	-	-	-	50	34	145	-	-
HL-KM (145°) <sup>②</sup>	4243 740 5008	2.3	148	-	-	-	-	-	60	34	145	-	-
HL-KM (0°) <sup>②</sup>	4243 740 5000	1.7	107	-	-	-	-	-	50	34	0	-	-
RG-KM <sup>②</sup>	4180 740 5006	2.5	94	-	-	-	-	-	-	26	-	-	-

① Approved for all KombiEngines  
② Only suitable for KombiEngines with loop handle (R)  
③ Excluding cutting tool and guard

④ Excluding guide bar and saw chain  
⑤ With guide bar and saw chain

### SERVICE KITS

Tackle your own straightforward maintenance work with the Service Kits for STIHL petrol-driven power tools: each kit includes a spark plug, fuel filter, and paper or fleece air filter. With proactive, regular standard maintenance, you can protect your power tool against dirt and damage while also increasing its service life. The only additional maintenance implement you need is the combination socket tool supplied with your STIHL power tool.



**Service Kit 24** for FC 55, FS 38, FS 45, FS 46, FS 55, HL 45, KM 55  
Order number **4140 007 4100**

**Service Kit 26** for FS 40, FS 50, FS 56, FS 70, KM 56  
Order number **4144 007 4100**

**Service Kit 28** for KM 94  
Order number **4149 007 4103**

**Service Kit 29** for FS 87, FS 90, FS 100, FT 100, HL 90, HL 95, HL 100, HT 100, HT 101, KM 90, KM 100  
Order number **4180 007 4101**

**Service Kit 30** for FS 89, FS 91, FS 111, KM 111  
Order number **4180 007 4102**

**Service Kit 31** for BT 131, FR 131, FS 131, FS 311, KM 131  
Order number **4180 007 4103**

### PROTECTIVE FEET

For protecting the power tool and battery from direct contact with the ground.



**NEW** For **KMA 80 R and KMA 120 R**  
Order number **FA08 007 1001**

For protecting the power tool and battery from direct contact with the ground. Already included in delivery with the HTA 135, HTA 150 and HTA 160.



For **HLA 135, HTA 135, HTA 150, HTA 160 and KMA 135 R**  
Order number **LA01 007 1002**

### TIP PROTECTOR

Made of stainless steel. Protects the tips of the cutter from wear while working close to walls or the ground.



Order number **4237 792 9006**

⑥ The actual bar length is shorter than the stated bar length  
⑦ Weight includes guard

### RTS HARNESS

For prolonged use. Can be adjusted to the user's size, and enables effortless and ergonomic work. For pole pruners, KombiEngines with HT-KM or HL-KM 145° and long-reach hedge trimmers. Cannot be used with HL 94 KC-E and HLE 71 K.



Order number **0000 790 4400**

### CARRY BAG

Lightweight, durable bag for transport and storage of all STIHL KombiEngines with a loop handle, and the FS-KM or HL-KM KombiTools. Also ideal for the KMA 80 R, KMA 120 R, KMA 135 R, HSA 50, HSA 60, HSA 100, HLA 56, BGA 57, BGA 60, BGA 86 and BGA 100 battery power tools, each with one battery and charger. The contents shown are not included with the bag.



Order number **0000 881 0507**

### ANGLED GEARHEAD

For use with the HT-KM and HL-KM KombiTools (0° version).



Order number **4138 640 0201**

### SHAFT EXTENSIONS

Made of aluminium. For use with the HT-KM and HL-KM KombiTools. Extends range by 50 cm. Weight 0.6 kg.



Order number **0000 710 7100**

Made of steel. For use with the HT-KM KombiTool. Extends range by 1 m. Weight 1.4 kg.



Order number **4140 710 7131**

Made of carbon fibre. For use with the HT-KM and HL-KM KombiTools. Shaft extension 1 m, aluminium outer shaft, extra-light. Weight 0.9 kg.



Order number **0000 710 7102**

⑧ For explanation of quality marks, see page 491  
⑨ A detailed explanation of the STIHL saw chain types can be found from page 124  
⑩ Power given in Newton (N) for comparison of blower outputs



## MULTISYSTEM IN DETAIL



COMBINE WITH ONE OF THE SEVEN MULTITOOLS AND YOU'RE READY TO GO

### TECHNOLOGY

- 01 ENGINE TECHNOLOGY WITH PAPER AIR FILTER**  
The start-up sequence is made easier because the carburettor is equipped with a manual fuel pump. The accelerator pump ensures dynamic revving, while the paper filter reliably protects the engine against dust and dirt.
- 02 MULTI-FUNCTION HANDLE**  
All the engine control functions are at your fingertips. This makes it easy and reliable to use.

### CONVENIENCE

- 03 TRANSPORT HANDLE**  
Makes it easy to load the STIHL MultiSystem into and out of vehicles.
- 04 FOLDING FRAME**  
Enables the STIHL MultiSystem to be quickly and easily folded up with a tool fitted, saving on space during transport and storage.

Please note that not all products are equipped with the features presented here. Only the most important features are described on this page. For further explanations and information, see from page 482 and online at [stihl.com](http://stihl.com).

## MULTIENGINE, MULTITOOLS AND ACCESSORIES

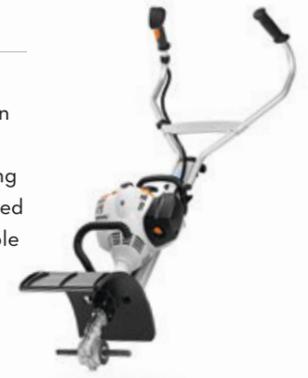
- For a wide range of tasks in lawn maintenance, soil cultivation and surface cleaning
- Powerful MultiEngine
- Folding frame for easy transportation
- Practical MultiTools for a huge range of tasks
- Switch between tools in no time



### MM 56

27.2 cm<sup>3</sup> • 0.85 kW / 1.2 hp • 8.3 kg<sup>ⓐ</sup>

For a very wide range of tasks in lawn maintenance, soil cultivation and surface cleaning. A wide range of STIHL MultiTools, folding frame for easy transport, simplified start-up sequence for comfortable starting, stop button, and paper air filter.



Order number **4604 011 5401**

Order number

Displacement (cm<sup>3</sup>)

Power output (kW / hp)

Weight<sup>ⓐ</sup> (kg)

Sound pressure level<sup>ⓑ</sup> (dB(A))

Sound power level<sup>ⓑ</sup> (dB(A))

Vibration level, left / right<sup>ⓒ</sup> (m/s<sup>2</sup>)

### MULTIENGINE MM 56

4604 011 5401      27.2    0.85 / 1.2    8.3    94    102    4.1 / 5.1



### APPROPRIATE FUELS AND LUBRICANTS

SEE FROM PAGE 404

<sup>ⓐ</sup> Weight excluding fuel and MultiTool

<sup>ⓑ</sup> K-factor in accordance with Directive 2006 / 42 / EC = 2.0 dB(A)

<sup>ⓒ</sup> K-factor in accordance with Directive 2006 / 42 / EC = 2 m/s<sup>2</sup>



**BF-MM PICK TINE**

Breaks up heavy, loamy soil. Ideal for recultivating and loosening.



Order number **4601 740 4605**

**BK-MM BOLO TINE**

Ideal for precision work. Spreads fine sandy soils and breaks up coarse earth.



Order number **4601 740 4606**

**FC-MM LAWN EDGE TRIMMER<sup>Ⓢ</sup>**

Cuts edges perfectly, deeply penetrates as far as the roots.



Order number **4601 740 4603**

**RL-MM LAWN AERATOR<sup>Ⓢ</sup>**

Improves root growth. Perforates the lawn surface to ensure optimal supply of nutrients and ventilation.



Order number **4601 740 4600**

**MF-MM DETHATCHER<sup>Ⓢ</sup>**

Removes moss and thatch from the lawn surface, includes guard extension and apron.



Order number **4601 740 4601**

**KW-MM POWER SWEEP<sup>Ⓢ</sup>**

Ideal for sweeping footpaths and roads. Removes dirt, sand, small stones and leaves. Excluding guard extension.



Order number **4601 740 4604**

**KB-MM BRISTLE BRUSH<sup>Ⓢ</sup>**

Removes dirt from paved areas and uneven natural stone surfaces, includes guard extension.



Order number **4601 740 4602**



	Order number	Weight (kg)	Working width (cm)	Sound pressure level <sup>Ⓢ</sup> (dB(A))	Sound power level <sup>Ⓢ</sup> (dB(A))	Vibration level, left / right <sup>Ⓢ</sup> (m/s <sup>2</sup> )
<b>MULTITOOLS (when used with MM 56)</b>						
<b>BF-MM</b>	<b>4601 740 4605</b>	2.0	22	87	96	3.8 / 4.4
<b>BK-MM</b>	<b>4601 740 4606</b>	2.0	22	87	96	3.7 / 4.0
<b>FC-MM<sup>Ⓢ</sup></b>	<b>4601 740 4603</b>	0.8	-	91	100	4.1 / 5.1
<b>RL-MM<sup>Ⓢ</sup></b>	<b>4601 740 4600</b>	2.0	20	93	102	4.1 / 4.5
<b>MF-MM<sup>Ⓢ</sup></b>	<b>4601 740 4601</b>	8.6	50	94	101	4.1 / 4.5
<b>KW-MM<sup>Ⓢ</sup></b>	<b>4601 740 4604</b>	3.9	60	94	102	4.0 / 4.1
<b>KB-MM<sup>Ⓢ</sup></b>	<b>4601 740 4602</b>	4.2	60	94	102	4.0 / 4.1

<sup>Ⓢ</sup> Wheel kit recommended  
<sup>Ⓢ</sup> Wheel kit required

<sup>Ⓢ</sup> K-factor in accordance with Directive 2006 / 42 / EC = 2.0 dB(A)  
<sup>Ⓢ</sup> K-factor in accordance with Directive 2006 / 42 / EC = 2 m/s<sup>2</sup>

**WHEEL KIT**

For FC-MM<sup>Ⓢ</sup>, RL-MM<sup>Ⓢ</sup>, MF-MM<sup>Ⓢ</sup>, KW-MM<sup>Ⓢ</sup> and KB-MM<sup>Ⓢ</sup>. Allows the tool to be lifted slightly, thus reducing the resistance from friction when dethatching, brushing and sweeping. Better manoeuvrability.



Order number **4601 007 1008**

**WEIGHT KIT**

For BF-MM and BK-MM. A useful tool for cultivating and crumbling tasks. Increases the pressure on the tool for improved deep penetration into the ground.



Order number **4601 730 4500**

**CULTIVATOR BLADE**

Varies the working depth and speed when cultivating soil by slightly lifting and lowering the tool into and out of the soil.



Order number **4601 740 4800**



## PACKED WITH POWER. FOR TOUGH WORK.

Concrete cutters and accessories

**184**

Cut-off machines

**187**

Parts and accessories for cut-off machines

**192**



## CONCRETE CUTTERS IN DETAIL



### TECHNOLOGY

- 01 LONG-LIFE AIR FILTER SYSTEM**  
With an HD2 filter and additional filter, this device keeps even fine dust away from the engine - for a particularly long service life. Its special material means the filter can easily be washed out and cleaned, using STIHL VarioClean and warm water for example.
- 02 STIHL 2-MIX ENGINE**  
is both powerful and economical. Separating the emissions from the fresh mixture minimises flushing losses, resulting in increased power output with reduced consumption.
- 03 DIAMOND CUTTER CHAINS**  
We offer the right diamond cutter chain for every use, ensuring quiet, low-vibration work. The 36 GBE and 36 GBM chains have pre-sharpened diamond segments and LowStretch technology for wet cutting of stone and concrete. The 36 GGM has diamond-coated steel segments for the wet cutting of ductile cast iron pipes.
- 04 GUIDE BARS WITH WATER SUPPLY**  
The water channels on the guide bars wash and cool the chain, the groove in the guide bar and the sprocket nose. This extends the service life of the cutting attachment and reduces dust formation during work.

### CONVENIENCE

- 05 SIDE-MOUNTED CHAIN TENSIONING**  
Makes it quick and easy to tension the chain.
- 06 WATER CONNECTION WITH DOSING TAP**  
The quick-release coupling enables easy connection to a water supply. Using the dosing tap, it is easy to set the water quantity for suppressing dust as well as for cooling and cleaning the chain.



### WET CUTTING

This symbol stands for wet cutting and refers to the use of water while cutting. The water suppresses the creation of dust and helps to cool and lubricate the tool.



### LOWSTRETCH TECHNOLOGY

This symbol stands for LowStretch technology. A special hard coating protects the rivets and drive links from wear. This reduces chain elongation.



### PROFESSIONAL TIP

The GS 461 concrete cutter perfectly complements the classic cut-off machine. It's ideal for precisely cutting corners, for example. First the corners are pre-cut (pierced) using the concrete cutter and then the long, straight cuts are carried out using the cut-off machine. When using both tools in combination, it is even possible to cut larger openings efficiently and precisely. Depending on the selected cutting attachment, the GS 461 is suitable for a range of applications and materials. The 36 GGM diamond cutter chain, for example, consists of steel segments coated with diamonds, and is ideal for the wet cutting of ductile cast iron pipes in channel and pipeline engineering. The 36 GGM diamond cutter chain offers excellent cutting performance for plunge cuts and cross cuts, and enables the use of the concrete cutter even in hard-to-access and restricted spaces.

**Note:** The materials excavated when working with concrete cutters and cut-off machines can be heavy. It is advisable to determine this first and, if required, divide the material to be removed into several pieces.



# CONCRETE CUTTERS AND ACCESSORIES

- For professional use on construction sites
- For wet cutting of concrete, stone and masonry
- For wet cutting of ductile cast iron pipe
- Ideal for cutting out corners and wall openings
- Perfectly complements the cut-off machine



**GS 461**  
76.5 cm³ • 4.3 kW / 5.8 hp • 7.6 kg<sup>①</sup>

Handles like a chainsaw; has the power of a cut-off machine. Side-mounted chain tensioning, STIHL anti-vibration system, water connection, decompression valve, STIHL ElastoStart, wear-resistant starter cord, HD2 filter, fuel tank which can be filled when upright and has a tool-free fuel cap.

**For wet cutting of concrete and hard stone**  
Bar length **40 cm<sup>②</sup>**  
Order number **4252 200 0048**

**For wet cutting of ductile cast iron pipe**  
Bar length **45 cm<sup>②</sup>**  
Order number **4252 200 0034**



## APPROPRIATE FUELS AND LUBRICANTS

SEE FROM PAGE 404



## GUIDE CLAW

Guide and support when cutting through concrete and brickwork. Made from hardened, galvanised steel.

**For GS 461**  
Order number **4252 660 0900**

Order number	Bar length <sup>②</sup> (cm)	Displacement (cm³)	Power output (kW / hp)	Weight <sup>①</sup> (kg)	Sound pressure level <sup>③</sup> (dB(A))	Sound power level <sup>④</sup> (dB(A))	Vibration level, left / right <sup>⑤</sup> (m/s²)	STIHL engine (2-MIX / 4-MIX <sup>®</sup> )	Chain pitch	STIHL diamond cutter chain	Side-mounted chain tensioning	Decompression valve	STIHL anti-vibration system	STIHL ElastoStart	HD2 filter	Tool-free fuel cap	Water connection	Wear-resistant starter cord
<b>GS 461</b>	<b>40</b>	<b>76.5</b>	<b>4.3 / 5.8</b>	<b>7.6</b>	<b>105</b>	<b>115</b>	<b>4.5 / 4.0</b>	<b>2-MIX</b>	<b>3/8"</b>	<b>GBM</b>	•	•	•	•	•	•	•	•
<b>GS 461</b>	<b>45</b>	<b>76.5</b>	<b>4.3 / 5.8</b>	<b>7.6</b>	<b>105</b>	<b>115</b>	<b>4.5 / 4.0</b>	<b>2-MIX</b>	<b>3/8"</b>	<b>GGM</b>	•	•	•	•	•	•	•	•

• Fitted as standard  
 ① Weight excluding fuel, guide bar and diamond cutter chain  
 ② The actual bar length is shorter than the stated bar length.  
 ③ K-factor in accordance with Directive 2006 / 42 / EC = 2.0 dB(A)  
 ④ K-factor in accordance with Directive 2006 / 42 / EC = 2 m/s²  
 ⑤ Diamond cutter chains include a rim sprocket

## DIAMOND CUTTER CHAINS

### 36 GBE<sup>③</sup>



Entry-level chain for quick, steady and low-vibration wet cutting. Especially suitable for abrasive building material such as brick and lime sand brick, pre-sharpened diamond segments, with LowStretch technology.



### 36 GBM<sup>③</sup>



For quick, smooth and low-vibration wet cutting through concrete and hard stone. Limited suitability for cutting brick. Pre-sharpened diamond segments, with LowStretch technology.



### 36 GGM<sup>③</sup>



Ideal for quiet, precise and minimum-vibration wet cutting of ductile cast iron pipes in channel and pipeline engineering. Enables cuts to be made in difficult cutting positions as well as difficult-to-access locations. Steel segments coated with diamonds ensure excellent cutting performance during plunge cuts and cross cuts.



## GUIDE BAR

### ROLLOMATIC G



Specially developed for the GS 461. With water channels in the guide bar and sprocket nose, tensioner hole and straight and hardened chain track. Available in various designs, to go with the diamond cutter chain.



Order number	Bar length <sup>②</sup> (cm)	Order number	
<b>DIAMOND CUTTER CHAIN<sup>③</sup></b>		<b>ROLLOMATIC G GUIDE BAR</b>	
<b>36 GBE</b>	<b>3211 050 0064</b>	<b>40</b>	<b>3006 000 1513</b>
<b>36 GBM</b>	<b>3213 000 0064</b>	<b>40</b>	<b>3006 000 1513</b>
<b>36 GGM</b>	<b>3212 000 0070</b>	<b>45</b>	<b>3006 000 1417</b>



## CUT-OFF MACHINES IN DETAIL



### TECHNOLOGY

#### 01 STIHL INJECTION

The electronically controlled fuel injection ensures flawless running characteristics and engine power compared with power tools that do not feature injection technology.

#### 02 ELECTRONIC WATER CONTROL

The water supply switches on and off automatically. Easy use of water supply metering via simple buttons.

#### 03 LONG-LIFE AIR FILTER SYSTEM WITH CYCLONE ROUTING

The filter has a service life of up to one year (depending on the operating conditions) and requires no regular cleaning.



### CONVENIENCE

#### 04 STIHL ANTI-VIBRATION SYSTEM

Buffer and spring elements reduce the transmission of engine vibrations to the operator's arms and hands, making the tool comfortable to use.

#### 05 WATER CONNECTION

The quick-release coupling is easy to attach. The water is routed to the cutting wheel for cleaning and dust suppression during wet cutting.

#### 06 TOOL-FREE FUEL CAP

Special caps allow you to open and close the tank cap quickly, easily and without tools.

#### 07 MAGNESIUM GUARD

The cast magnesium cutting wheel guard is particularly light. The guard and water supply are ergonomically designed.

Please note that not all products are equipped with the features presented here. Only the most important features are described on this page. For further explanations and information, see from page 482 and online at [stihl.com](http://stihl.com).

## CUT-OFF MACHINES



### TS 410<sup>①</sup>

66.7 cm<sup>3</sup> • 3.2 kW / 4.4 hp • 9.5 kg<sup>②</sup>

Light and easy-to-handle cut-off machine. With 300 mm cutting wheel for cutting to depths up to 100 mm. The STIHL anti-vibration system guarantees the cut-off machine cuts well. Long-life air filter system, low-fatigue start-up process thanks to the decompression valve.

Order number 4238 011 2800

- Hand-held tools
- For building, civil engineering and road construction, equipment rental companies, and applications in horticulture and landscaping
- Petrol-driven tools for cutting concrete, stone, asphalt, structural steel and pipes
- Battery power tool for cutting flooring panels, tiles, bricks and reinforcement mesh



### TS 420<sup>①</sup>

66.7 cm<sup>3</sup> • 3.2 kW / 4.4 hp • 9.7 kg<sup>②</sup>

An all-purpose cut-off machine for construction and below-ground works. With 350 mm cutting wheel for cutting to depths of up to 125 mm. The STIHL anti-vibration system guarantees the cut-off machine cuts well. Long-life air filter system, low-fatigue start-up process thanks to the decompression valve.

Order number 4238 011 2810



<sup>①</sup> Delivery includes composite resin cutting wheel for structural steel and stainless steel

<sup>②</sup> Weight excluding fuel and cutting wheel



**TS 440**<sup>Ⓢ</sup>66.7 cm<sup>3</sup> • 3.2 kW / 4.4 hp • 11.1 kg<sup>Ⓢ</sup>

Cut-off machine with extended guard protection and innovative STIHL QuickStop cutting wheel brake. For 350 mm cutting wheels. This guard can be adjusted toward the rear for efficient operation when cutting pipes, and for use in areas that are difficult to access. Equipped with electronic water control, long-life air filter system.

Order number **4238 011 2820****APPROPRIATE FUELS AND LUBRICANTS**SEE **FROM PAGE 404****PROFESSIONAL TIP**

The guard in the TS 440 can be adjusted in such a way that the cutting wheel is accessible from the top. This makes cut guidance significantly easier when cutting through pipes, particularly in the lower sections and in corners, as well as cutting into walls. The STIHL QuickStop cutting wheel brake supports you in the process. When the wheel guard is open and if there is sufficient resistance, the cutting wheel is stopped in a fraction of a second, triggered by a sensor.

**TS 480i**<sup>Ⓢ</sup>72.2 cm<sup>3</sup> • 3.9 kW / 5.3 hp • 10.0 kg<sup>Ⓢ</sup>

For 300 mm cutting wheels. The electronically controlled fuel injection guarantees outstanding running characteristics and high torque. With just one start position, the device is particularly easy to start. Together with the STIHL anti-vibration system, which ensures especially low vibration levels, the tool helps you to achieve a very precise cut. Electronic water control for easy water supply metering. STIHL ElastoStart and the decompression valve make starting the machine notably easier.

Order number **4250 011 2804****TS 500i**<sup>Ⓢ</sup>72.2 cm<sup>3</sup> • 3.9 kW / 5.3 hp • 10.2 kg<sup>Ⓢ</sup>

An all-purpose cut-off machine with STIHL Injection. For 350 mm cutting wheels. The electronically controlled fuel injection guarantees perfect running performance and high torque. With just one start position, the device is particularly easy to start. Electronic water control for easy water supply metering. Together with the STIHL anti-vibration system, which ensures especially low vibration levels, the tool helps you to achieve a very precise cut. STIHL ElastoStart and the decompression valve make starting the machine notably easier.

Order number **4250 011 2810****TS 700**<sup>Ⓢ</sup>98.5 cm<sup>3</sup> • 5.0 kW / 6.8 hp • 11.7 kg<sup>Ⓢ</sup>

Powerful STIHL cut-off machine for 350 mm cutting wheels. The cut-off machine is perfectly suited to use at full cutting depth and also on the FW 20 cart. Equipped with decompression valve and STIHL ElastoStart for effortless starting and the long-life air filter system.

Order number **4224 011 2800****NEW** - AVAILABLE FROM SPRING 2024**TS 710i**<sup>Ⓢ</sup>91.6 cm<sup>3</sup> • 5.3 kW / 6.8 hp • 12.2 kg<sup>Ⓢ</sup>

Compact and powerful STIHL cut-off machine with STIHL Injection for 350 mm cutting wheels. Perfectly suited for use at full cutting depth (up to 125 mm) and also on the FW 20 cart. With long-life air filter system with cyclone routing and extensive features. Effortless starting in just two steps: purge, pull, and it's good to go. Easy diagnostics with the filter condition test using the STIHL diagnostic system.

Order number **TB01 011 2800**



**TS 800<sup>Ⓢ</sup>**  
98.5 cm<sup>3</sup> • 5.0 kW / 6.8 hp • 12.7 kg<sup>Ⓢ</sup>

STIHL cut-off machine for 400 mm cutting wheels. Achieves a maximum cutting depth of 145 mm, reduced weight due to magnesium guard. Also perfectly suited for carrying out separating cuts on the FW 20 cart. Equipped with decompression valve and STIHL ElastoStart for effortless starting and the long-life air filter system.

Order number **4224 011 2820**



**TSA 230<sup>Ⓢ</sup>**  
36 V • 3.9 kg<sup>Ⓢ</sup>

Easy-to-manoeuvre battery cut-off machine for 230 mm cutting wheels. Suitable for indoor and outdoor use, up to 70 mm cutting depth, water connection with ball valve and hose coupling for wet cutting, spindle lock, maintenance-free belt drive.

**TSA 230** excluding battery and charger  
Order number **4864 011 6600**

**APIII  
SYSTEM  
AP 300 S**



## NEW - AVAILABLE FROM SPRING 2024

### TS 910i<sup>Ⓢ</sup>

#### ULTIMATE PERFORMANCE WHEN IT COMES TO CUTTING AND PRECISION



The most powerful STIHL petrol-driven cut-off machine with 102 cm<sup>3</sup> capacity, for 400 mm cutting wheels. Maximum cutting depth of 145 mm. The electronically controlled fuel injection guarantees outstanding running characteristics and high torque. The control handle with control lever and control lever lock as well as the loop handlebar help ensure exceptional efficiency. Long maintenance intervals courtesy of a long-life air filter system with cyclone routing. Water connection with ball valve for wet cutting. Adapter for compatibility with STIHL FW 20. Simplified starting in just two steps - purge, pull, done - thanks to STIHL ElastoStart with wear-proof pull cord and decompression valve.

**102.1 cm<sup>3</sup> • 6.3 kW / 6.8 hp • 12.8 kg<sup>Ⓢ</sup>**

Order number **TB01 011 2820**



**STIHL Injection with 2-MIX engine**  
The electronically controlled fuel injection system drives the proven STIHL 2-MIX engine, delivering high performance power for any cut. This also makes the start-up sequence much easier: purge, pull, and it's good to go.



**Optimal power tool guidance**  
A sturdy machine design with exceptional steady-guidance and the compact shape make precise cuts easier in any cutting position.



**Simplified maintenance**  
Easy access to the diagnostic interface and added diagnostic capability with STIHL diagnostic systems facilitate highly efficient maintenance.

i = STIHL Injection  
<sup>Ⓢ</sup> Delivery includes composite resin cutting wheel for structural steel and stainless steel  
<sup>Ⓢ</sup> Weight excluding fuel and cutting wheel  
<sup>Ⓢ</sup> Weight excluding battery and cutting wheel  
<sup>Ⓢ</sup> For explanation of symbols, see page 482



PAGE **379**

**TSA 230 WITH  
SE 133 ME FOR  
LOW-DUST WORK**

An indispensable addition for dust-heavy use in indoor areas.

#### CUTTING-EDGE ENGINE TECHNOLOGY

thanks to the innovative STIHL Injection system - for high performance coupled with reduced emissions.

#### STIHL INJECTION DELIVERS HIGH POWER IN A COMPACT DESIGN

thanks to electronic engine control.

#### PRECISION GUIDANCE AND BALANCED HANDLING

in all cutting positions, both on walls and on the ground.

#### EASY TO START

courtesy of the purger and injection pump - just purge, pull and you're done.

#### HIGHLY ROBUST

thanks to a strengthened crankcase and sturdy machine design.

#### HIGH-POWER CUTTING PERFORMANCE

with 400 mm cutting wheels up to a maximum cutting depth of 145 mm.



# PARTS AND ACCESSORIES FOR CUT-OFF MACHINES

- For carrying out a broad range of tasks and making the cut-off machine even easier to use
- Cart for precise cutting and longer cut lengths
- Simple, tool-free assembly and disassembly of the cut-off machine on the cart



## SERVICE KITS

Tackle your own straightforward maintenance work with the Service Kits for STIHL petrol-driven cut-off machines: each kit includes a spark plug, fuel filter, as well as a paper air and pre-filter. With proactive, regular standard maintenance, you can protect your power tool against dirt and damage while also increasing its service life. The only additional maintenance implement you need is the combination socket tool supplied with your STIHL cut-off machine.

**Service Kit 32** for TS 700, TS 800  
Order number **4224 007 4100**

**Service Kit 35** for TS 410, TS 420, TS 440  
Order number **4238 007 4102**

**NEW Service Kit 53** for TS 710i, TS 910i  
Order number **TB01 007 4100**



## PRESSURISED WATER CONTAINER

10 l. For mobile water supply to cut-off machines on construction sites with no water connections. Not recommended for the GS 461 concrete cutter.

Order number **0000 670 6000**



## DEPTH STOP

The depth stop with vacuum support enables dust-free cutting of mineral construction materials on flat surfaces. Precise and infinitely variable adjustment of cutting depth possible.

For **TSA 230**  
Order number **4864 690 0801**



## SHAFT SLEEVE

Adapter for diamond cutting wheels. 1" bore made of brass, for all cut-off machines with 20 mm shaft.

Order number **0000 708 4200**



## WHEEL SET

Attachment kit for the front foot. The cut-off machine is supported on flat surfaces, and its smooth-running wheels make it easy to guide the tool.

For **TS 410, TS 420, TS 480i, TS 500i, TS 700, TS 710i, TS 800, TS 910i**  
Order number **4224 007 1014**

	Order number	Displacement (cm <sup>3</sup> )	Power output (kW / hp)	Rated voltage (V)	Weight (kg)	Sound pressure level <sup>①</sup> (dB(A))	Sound power level <sup>②</sup> (dB(A))	Vibration level, left / right <sup>③</sup> (m/s <sup>2</sup> )	STIHL engine (2-MIX / 4-MIX <sup>®</sup> ) / STIHL battery system	Total length (cm)	Cutting wheel (mm)	Max. cutting depth (mm)	Decompression valve	STIHL anti-vibration system	STIHL ElastoStart	Water connection	Wear-resistant starter cord	Magnesium guard	Electronic water control	STIHL QuickStop cutting wheel brake	Cyclone routing	STIHL Injection
<b>PETROL CUT-OFF MACHINES<sup>®</sup></b>																						
<b>TS 410</b>	4238 011 2800	66.7	3.2 / 4.4	-	9.5 <sup>④</sup>	98 <sup>⑤</sup>	109 <sup>⑥</sup>	3.9 / 3.9	2-MIX	67.5	300	100	•	•	○	•	•	•	-	-	•	-
<b>TS 420</b>	4238 011 2810	66.7	3.2 / 4.4	-	9.7 <sup>④</sup>	98 <sup>⑤</sup>	109 <sup>⑥</sup>	3.9 / 3.9	2-MIX	72.0	350	125	•	•	○	•	•	•	-	-	•	-
<b>TS 440</b>	4238 011 2820	66.7	3.2 / 4.4	-	11.1 <sup>④</sup>	98 <sup>⑤</sup>	109 <sup>⑥</sup>	3.6 / 3.9	2-MIX	72.7	350	125	•	•	○	•	•	•	•	•	•	-
<b>TS 480i</b>	4250 011 2804	72.2	3.9 / 5.3	-	10.0 <sup>④</sup>	98 <sup>⑤</sup>	112 <sup>⑥</sup>	2.2 / 2.2	2-MIX	68.2	300	100	•	•	•	•	•	•	•	-	•	•
<b>TS 500i</b>	4250 011 2810	72.2	3.9 / 5.3	-	10.2 <sup>④</sup>	98 <sup>⑤</sup>	112 <sup>⑥</sup>	2.4 / 2.0	2-MIX	73.0	350	125	•	•	•	•	•	•	•	-	•	•
<b>TS 700</b>	4224 011 2800	98.5	5.0 / 6.8	-	11.7 <sup>④</sup>	101 <sup>⑤</sup>	113 <sup>⑥</sup>	6.6 / 4.5	2-MIX	84.0	350	125	•	•	•	•	○	•	-	-	•	-
<b>TS 710i</b>	<b>NEW</b> TB01 011 2800	91.6	5.2 / 7.1	-	12.2 <sup>④</sup>	104 <sup>⑤</sup>	117 <sup>⑥</sup>	7.0 / 5.0	2-MIX	81.8	350	125	•	•	•	•	•	•	-	-	•	-
<b>TS 800</b>	4224 011 2820	98.5	5.0 / 6.8	-	12.7 <sup>④</sup>	101 <sup>⑤</sup>	114 <sup>⑥</sup>	6.5 / 3.9	2-MIX	89.0	400	145	•	•	•	•	○	•	-	-	•	-
<b>TS 910i</b>	<b>NEW</b> TB01 011 2820	102.1	6.2 / 8.4	-	12.8 <sup>④</sup>	108 <sup>⑤</sup>	120 <sup>⑥</sup>	7.0 / 5.0	2-MIX	86.7	400	145	•	•	•	•	•	•	-	-	•	-
<b>BATTERY CUT-OFF MACHINES<sup>®</sup></b>																						
<b>TSA 230</b>	4864 011 6600	-	-	36	3.9 <sup>④</sup>	103 <sup>⑤</sup>	114 <sup>⑥</sup>	3.5 / 3.5	AP-System	55.0	230	70	-	-	-	•	-	•	-	-	-	-

• Fitted as standard  
○ Retrofittable (accessory)  
i = STIHL Injection

① K-factor in accordance with Directive 2006 / 42 / EC = 2.0 dB(A)  
② K-factor in accordance with Directive 2006 / 42 / EC = 2 m/s<sup>2</sup>  
③ Delivery includes composite resin cutting wheel for structural steel and stainless steel  
④ Weight excluding fuel and cutting wheel  
⑤ Weight excluding battery and cutting wheel  
⑥ Measurement in accordance with ISO 19432  
⑦ Measurement with cutting wheels according to EN 60745-2-22





**PROFESSIONAL TIP**

The FW 20 cart can be folded up for easy storage. One person can transport it effortlessly. Even the quick-release device boasts many advantages making the cut-off machine multi-talented. So you can benefit from having two tools in one – a cut-off machine and a compact cart-mounted cut-off machine.



# CUTTING WHEELS

- Composite resin and diamond cutting wheels for cutting natural stone, asphalt, steel and concrete
- Designed to perfectly fit STIHL cut-off machines
- Long service life and high cutting performance

**FW 20 CART WITH ATTACHMENT KIT**

For exact edges over long cuts, with depths accurate to the millimetre. Suitable for all hand-held STIHL cut-off machines, an attachment kit with a quick-mounting system is included.



For TS 400  
Order number 4224 200 0044

For TS 410, TS 420, TS 480i, TS 500i  
Order number 4224 200 0043

For TS 700, TS 710i, TS 800, TS 910i  
Order number 4224 200 0033

**QUICK-MOUNTING SYSTEM CONVERSION KIT**

With quick-release tensioner and centring, for easy mounting of the cut-off machine on the FW 20.



For TS 400  
Order number 4223 790 0702

For TS 410, TS 420, TS 480i, TS 500i  
Order number 4250 790 0702

For TS 700, TS 800  
Order number 4224 790 0705

**NEW** For TS 710i, TS 910i  
Order number TB01 790 0702



**NEW WEAR AND TEAR PROTECTION**

Reduces wear and tear on the belt guard and therefore prolongs the service life. Works in all directions, especially for full-depth cuts. Rust-proof stainless steel.

For TS 910i  
Order number TB01 700 8107



**ATTACHMENT SET FOR WATER TANK**

13.0 l. For the FW 20 cart. With coupling sleeve.

Order number 4224 007 1018

**CUTTING DIRECTION INDICATOR**

For the FW 20 cart.

Order number 4205 007 1009



# COMPOSITE RESIN CUTTING WHEELS

**STRUCTURAL STEEL**

K-ME

For cutting structural steel and metal profiles in construction as well as in metal processing operations.



**ASPHALT / DUCTILE CAST IRON**

K-DG

Cutting wheel for road construction and pipeline engineering, specially for cutting ductile cast iron pipes.



**STONE**

K-BA

Cutting wheel for bricks and for general construction use.



Order number	Diameter (mm)	Recommended Use				
		Asphalt	Brick, concrete	Ductile cast iron	Structural steel	Stainless steel
<b>COMPOSITE RESIN CUTTING WHEELS</b>						
<b>K-ME</b>						
0835 012 7000	230	-	-	-	•	•
0835 010 7000	300	-	-	-	•	•
0835 010 7001	350	-	-	-	•	-
0835 012 7001 <sup>①</sup>	350	-	-	-	•	-
0835 010 7006	400	-	-	-	•	-
<b>K-DG</b>						
0835 030 7000	300	-	-	-	-	-
0835 030 7001	350	•	-	•	-	-
0835 030 7002	400	-	-	-	-	-
<b>K-BA</b>						
0835 020 7000	300	-	-	-	-	-
0835 020 7001	350	-	•	-	-	-
0835 020 7002	400	-	-	-	-	-

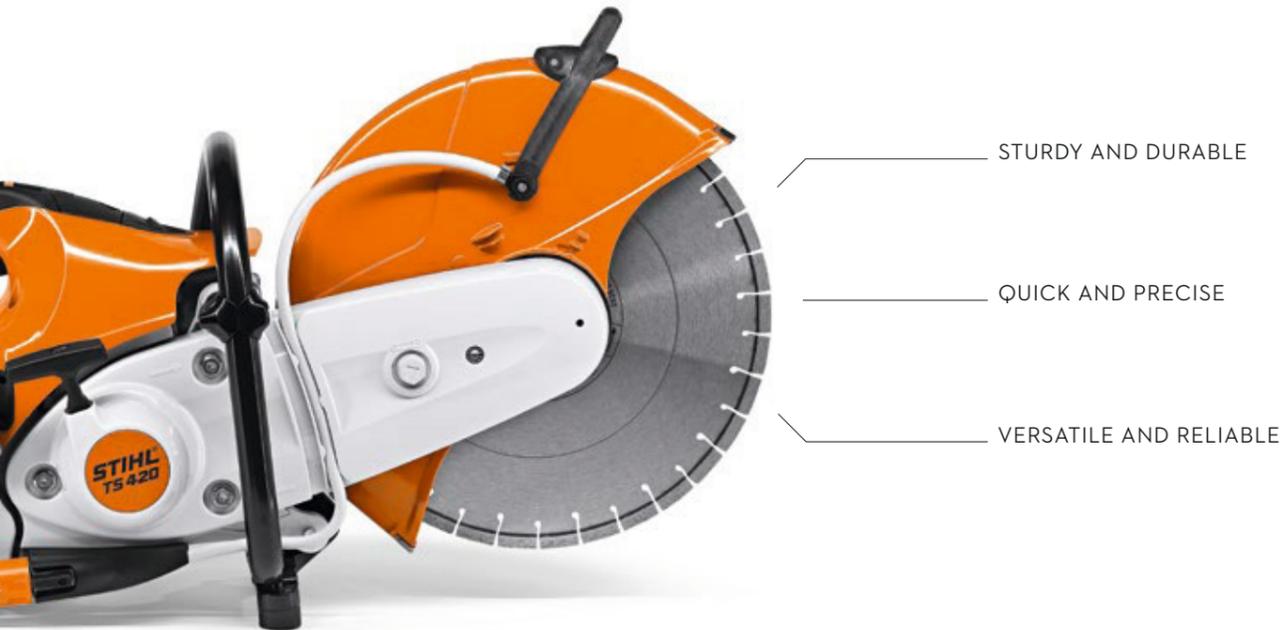
• Suitable  
- Not recommended

① When selecting cutting wheels, you need to consider the intended application as well as which cut-off machine you have.  
② Suitable for TS 440



# DIAMOND CUTTING WHEELS

STIHL diamond cutting wheels meet the highest quality standards, and are versatile enough to handle a vast range of materials. When used with a hand-held cut-off machine on natural stone, concrete and asphalt in particular, they really shine in comparison to other cutting wheels. You'll always find the right cutting wheel for your specific application and conditions among our wide range of products. Cutting wheels are optimally coordinated to our cut-off machines, to ensure maximum performance.



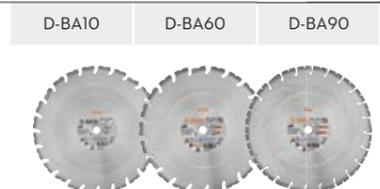
## FOR GENERAL CONSTRUCTION USE

Our B-type diamond cutting wheels are a robust, classic choice for cutting a range of materials on construction sites. Reliability and durability assured – from the entry-level D-B10 to the D-B80 professional cutting wheel.



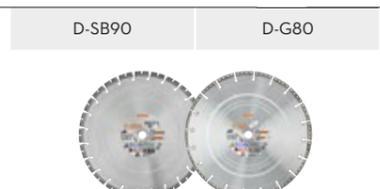
## FOR ALL-PURPOSE USE

Our BA-type diamond cutting wheels are real all-rounders, as they are ideal for working a huge range of materials including asphalt, brick, clinker, concrete, and reinforced hard concrete. These cutting wheels are available in three performance classes, from entry-level to professional:



## FOR HEAVY-DUTY AND SPECIAL USES

The D-SB90 premium diamond cutting wheel offers the ultimate in cutting performance, particularly when it comes to building materials such as granite and reinforced concrete. The special D-G80 diamond cutting wheel provides impressively long service life, as well as excellent cutting performance on ductile cast iron pipes in pipeline construction.



Order number	Diameter (mm)	RECOMMENDED USE <sup>①</sup>								
		Asphalt	Fresh concrete	Sandstone	Brick	Concrete	Reinforced concrete	Strongly reinforced concrete, old concrete	Granite, hard natural stone	Ductile cast iron
<b>DIAMOND CUTTING WHEELS</b>										
<b>FOR GENERAL CONSTRUCTION USE</b>										
<b>D-B10</b>	<b>0835 090 7050</b>	230								
Service life	<b>0835 090 7051</b>	300	-	-	-	•	•	•	-	-
Cutting performance	<b>0835 090 7052</b>	350				•	•	•	-	-
	<b>0835 090 7053</b>	400				•	•	•	-	-
<b>D-B20</b>	<b>0835 090 7054</b>	350				•	•	•	-	-
Service life	<b>0835 090 7055</b>	400				•	•	•	-	-
Cutting performance	<b>0835 090 7056</b>	350				•	•	•	-	-
	<b>0835 090 7057</b>	400				•	•	•	-	-
<b>D-B80</b>	<b>0835 090 7056</b>	350				•	•	•	-	-
Service life	<b>0835 090 7057</b>	400				•	•	•	-	-
Cutting performance	<b>0835 090 7058</b>	400				•	•	•	-	-
<b>FOR ALL-PURPOSE USE</b>										
<b>D-BA10</b>	<b>0835 094 7006</b>	300	•	•	•	•	•	•	-	-
Service life	<b>0835 094 7007</b>	350	•	•	•	•	•	•	-	-
Cutting performance	<b>0835 094 7008</b>	400	•	•	•	•	•	•	-	-
<b>D-BA60</b>	<b>0835 094 7009</b>	300	•	•	•	•	•	•	-	-
Service life	<b>0835 094 7010</b>	350	•	•	•	•	•	•	-	-
Cutting performance	<b>0835 094 7011</b>	400	•	•	•	•	•	•	-	-
<b>D-BA90</b>	<b>0835 094 7012</b>	300	•	•	•	•	•	•	-	-
Service life	<b>0835 094 7013</b>	350	•	•	•	•	•	•	-	-
Cutting performance	<b>0835 094 7014</b>	400	•	•	•	•	•	•	-	-
<b>FOR HEAVY-DUTY AND SPECIAL USES</b>										
<b>D-SB90</b>	<b>0835 096 7004</b>	300				•	•	•	•	•
Service life	<b>0835 096 7005</b>	350				•	•	•	•	•
Cutting performance	<b>0835 096 7006</b>	400				•	•	•	•	•
<b>D-G80</b>	<b>0835 070 7000</b>	350								•
Service life										•
Cutting performance										•

• Suitable      ① When selecting cutting wheels, you need to consider the intended application as well as which cut-off machine you have.  
 - Not recommended

Note: All STIHL cut-off machines are delivered with a composite resin cutting wheel for structural steel and stainless steel





# MOWING, PLANTING AND HARVESTING



ROBOTIC MOWERS



PUSH MOWERS



AERATOR



BRUSHCUTTERS AND  
CLEARING SAWS



HARVESTERS



FARMING TOOLS



POWER TILLERS



EARTH AUGER



MISTBLOWERS



SPRAYERS



## WE HAVE THE RIGHT POWER TOOL. IT'S FOR YOU TO CHOOSE.

Robotic mowers	<b>202</b>	Battery push mowers	<b>227</b>
Accessories for robotic mowers	<b>216</b>	Accessories for lawn mowers	<b>232</b>
Petrol-driven push lawn mowers	<b>223</b>	Aerators and accessories	<b>240</b>

## THE PERFECT LAWN. WITH INTELLIGENT MOWING.

### THE NEW iMOW®

We have developed the next generation of STIHL robot mowers just for you - and they are redefining automatic lawn care. The iMOW® and iMOW® EVO models combine cutting-edge technology and modern design with proven STIHL quality - because we want you to be able to experience lawn care in a completely new way. You might be looking for a powerful mowing system, intelligent driving characteristics, efficient charge management or intuitive and comfortable operation via the MY iMOW® app - the many clever product features mean that the iMOW® is set to be your ideal and indispensable lawn care assistant. Enjoy more leisure time on your lawn - enjoy the new iMOW®!



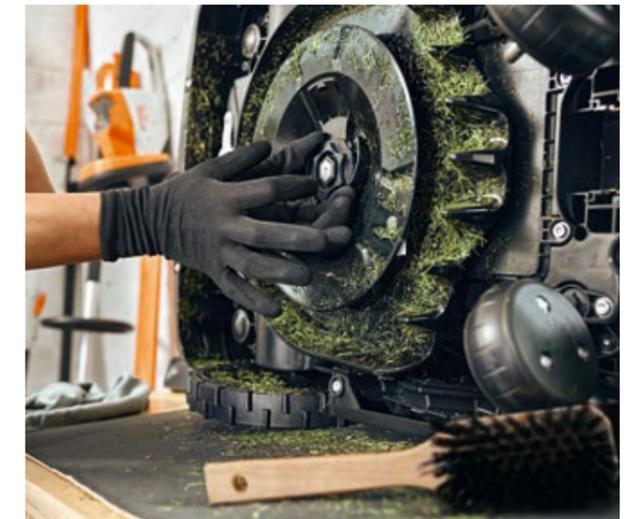
## MOWING PERFECTION

### MAKE YOUR LAWN THE HIGHLIGHT OF YOUR GARDEN

#### Perfect mowing with every cut

The mowing system with a cutting width of 28 cm is at the core of the iMOW® models. Three free-swinging blades ensure a particularly clean cut, while regularly changing rotation direction to support a long service life for the blades. The cutting height of the robotic mower can be conveniently adjusted in the MY iMOW® app, between 20 and 60 mm.

If you need to replace the blades after many mowings, you can have this done by an authorised STIHL dealer. Alternatively, you can also change the blades yourself using the Basic iMOW® blades that are available as an accessory - you don't even need additional tools! The Basic iMOW® blades can be found on page 217 as a 9-piece (IA00 007 4201) or 18-piece set (IA00 007 4202).



#### Ready for any garden

Thanks to its reliable driving behaviour, the iMOW® handles the most demanding lawn areas and can even master steeper slopes effortlessly - delivering the optimal mowing result each time. The iMOW® can handle gradients up to 40%, while the iMOW® EVO can manage slopes of up to 45%. You can even increase the incline capabilities of the iMOW® EVO robotic mower to as much as 55% by retrofitting it with the iMOW® Upgrade Kit 10. The iMOW® Upgrade Kit 10 (IA01 007 4700) can be found on page 217.

#### Intelligent driving behaviour

The numerous features of the iMOW® robotic mower also help to deliver a perfect mowing result. For example, the robotic mower can independently adapt its speed depending on the situation, to ensure a consistent, even cut. It can also calculate the shortest route back to its docking station and avoid leaving tracks by means of offset mowing and intelligent manoeuvring. Using an optionally activated sensor, the iMOW® detects rain and can pause mowing to protect the wet lawn.



#### A HEALTHY, EVEN LAWN WITHOUT ADDING FERTILISER

The iMOW® automatically fertilises your lawn with grass clippings via a process known as mulching. Grass clippings become a nitrogen-rich fertiliser that is comparable to - if not better than - any other fertiliser you can buy. You should mow your lawn regularly to ensure that mulching delivers the greatest possible benefits.

## INTELLIGENT. NETWORKED. INTUITIVE.

OPERATE YOUR IMOW® EASILY AND CONVENIENTLY

### MY iMOW® app

You can operate your robotic mower with ease thanks to the new MY iMOW® app. This intuitively designed app enables you to fully configure and control your robotic mower in just a few clicks. The dashboard is the main part of the app, and can be used to view all important details at a glance. This is where you can see information about the mowing status, battery charge level and the next planned use of your robotic mower. You can send commands to your iMOW® based on its mowing status, and also access all other functional areas of the app.

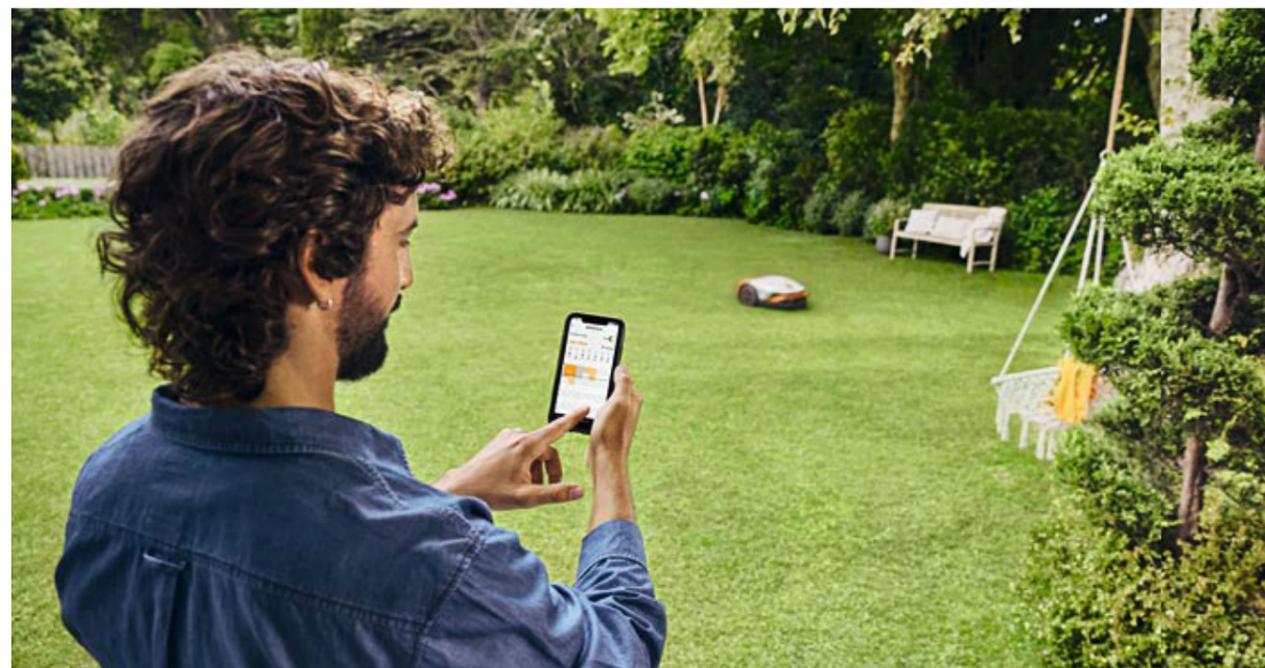
The MY iMOW® app is available for iOS or Android and as a web application.



Available in the App Store  
and in the Google Play  
Store.

### Selected functions of the MY iMOW® app:

- ✔ Create and adjust mowing plans
- ✔ Define mowing areas (zones)
- ✔ Set the cut height of the mowing system
- ✔ Adjust the sensitivity of the rain sensor



### Smart home connection

The iMOW® and iMOW® EVO mowers can be connected to smart home systems and operated conveniently via voice control.

### Increased flexibility through connectivity

Whether in the app or via a smart home connection, all models in the new iMOW® generation can be controlled conveniently around your home via wifi or Bluetooth® connection. You can also access the iMOW® EVO via the mobile network when not connected to your home wifi.

### Intuitive operating unit with voice output

The basic functions of stop, unlock, start mowing and drive home to the docking station can be controlled at the touch of a button via the intuitive operating unit on the device itself. The iMOW® robot mower provides visual feedback via the LED light strip on the operating unit or acoustically via voice prompts when you press the info button.

### Visual communication

LED strips at the front and rear are illuminated during active interaction with the robotic mower or in the event of an error. The iMOW® EVO also features an LED matrix with animated symbols, to make interaction with the robotic mower even simpler and more convenient.





## iMOW® & iMOW® EVO

### PRODUCT HIGHLIGHTS AT A GLANCE

#### POWERFUL MOWING SYSTEM

With three free-swinging blades and electric cut-height adjustment

#### STEEP SLOPES

The iMOW® can operate on inclines up to 40%.

#### SITUATIONAL DRIVING BEHAVIOUR

The iMOW® adapts its speed to the situation at hand for a perfect cut.

#### RAIN SENSOR

Depending on the selected sensitivity setting of its rain sensor, the iMOW® can pause the mowing process during precipitation to protect wet grass.

#### EASY & INTUITIVE OPERATION

Via the MY iMOW® app, control panel with voice output and LED strip.

#### CONNECTIVITY - WIFI & BLUETOOTH®

Allows for convenient, flexible control of your iMOW® robotic mower.

#### VOICE CONTROL

Your iMOW® can be integrated into your smart home system and conveniently operated by voice control.

#### SHORT ACTIVE MOWING TIMES

Short charging and mowing times allow you to enjoy more leisure time on your lawn.

#### PROGRAMMABLE MOWING TIMES

Mowing plan to match the lawn size.

#### ZONE MANAGEMENT

If necessary you can divide your lawn into various zones, and these zones then be mown at different times.

#### QUIET AND UNOBTUSIVE

The mowing system of the iMOW® robotic lawn mower is optimised to reduce disruption, ensuring that the mower is quiet and unobtrusive when in use.

#### ROBUST DESIGN

Our robotic mowers are made with 100% STIHL quality - for 100% reliability.

#### EASY BLADE REPLACEMENT

Changing the blades is easy and can be done without tools.

#### OVER-THE-AIR UPDATES

Access the latest functions and adjustments with regular updates.

#### MODERN DESIGN

Making the mower an attractive sight in your garden.

#### AMBIENT LIGHT

Individually adjustable LED strips.

#### iMOW® ALARM

Protects your iMOW® - for example, by deterring would-be thieves from carrying off your robotic mower.

#### ULTRASOUND SENSORS

Protect your mower as it negotiates obstacles.

#### WIDE RANGE OF ACCESSORIES

Allow you to get the most out of your iMOW® robotic mower.

### EXCLUSIVELY WITH THE iMOW® EVO

#### STEEP SLOPES

The iMOW® EVO can operate on inclines up to 45%. And with the optional iMOW® Upgrade Kit 10, it can even master slopes up to 55%.

#### CONNECTIVITY - WIFI & BLUETOOTH® & MOBILE NETWORK

Facilitates flexible control of the iMOW® EVO robotic mower, even when you're not connected to your home wireless network.

#### LED MATRIX

For communication that's even more user-friendly.





## NEW iMOW®



FOR LAWNS MEASURING UP TO 1,500 m<sup>2</sup>

**iMOW® 5**  
Order number **IA01 011 1400**

FOR LAWNS MEASURING UP TO 3,000 m<sup>2</sup>

**iMOW® 6**  
Order number **IA01 011 1430**

FOR LAWNS MEASURING UP TO 5,000 m<sup>2</sup>

**iMOW® 7**  
Order number **IA01 011 1460**

This fully automatic robotic mower in a modern design cuts grass, shreds clippings, and fertilises in one work process. The new mowing system with three free-swinging blades, electric cut-height adjustment, situational speed adjustment and 40% incline capability ensure an outstanding mowing result and a clean cut. The intuitive operating concept facilitates simple control via the MY iMOW® app over wifi or Bluetooth®, offers the option to integrate your robotic mower into existing smart home systems, offers voice output on the device and visual communication via the LED strips on the front and rear of the machine. The large cutting width of 28 cm, the high travel speed of 0.45 m/s, and efficient charge management all support the robotic mowers in minimising necessary active times. Customised plans can be created and the mowing process restricted to specific zones of your lawn using the MY iMOW® app, giving you great flexibility and lots of time to enjoy your garden. Delivery includes: iMOW® robotic mower, docking station, 4 pegs, 6 spare blades, iMOW® ruler.

## NEW iMOW® EVO



FOR LAWNS MEASURING UP TO 1,500 m<sup>2</sup>

**iMOW® 5 EVO**  
Order number **IA01 011 1410**

FOR LAWNS MEASURING UP TO 3,000 m<sup>2</sup>

**iMOW® 6 EVO**  
Order number **IA01 011 1440**

FOR LAWNS MEASURING UP TO 5,000 m<sup>2</sup>

**iMOW® 7 EVO**  
Order number **IA01 011 1470**

Fully automatic robotic mower in attractive design with extended range of functions compared to the iMOW® 5, 6 and 7 models. App control via the mobile network from wherever you are, plus an additional LED matrix for visual status communication make this model even more user-friendly and intuitive to operate. Among other features, the higher travel speed of 0.5 m/s facilitates reduced active mowing times and therefore increased flexibility to use your garden. The iMOW® EVO robotic mower's incline capability of up to 45% can be increased to a maximum of 55% using the iMOW® Upgrade Kit 10, available as an accessory which also further improves the mower's all-terrain capability on uneven lawns. Delivery includes: iMOW® EVO robotic mower, docking station, 4 pegs, 6 spare blades, iMOW® ruler.





ACCESSORIES FOR ROBOTIC MOWERS

INSTALLATION

**NEW**  
INSTALLATION KITS

Complete kits for marking the boundary of the active lawn area for your robotic mower.



**iMOW® Installation Kit 1**  
Contains: 150 m boundary wire (roll), Ø 3.4 mm, 3 wire clips, 250 fixing nails, cable markers  
Order number **IA00 007 1004**

**iMOW® Installation Kit 2 Plus**  
Contains: 400 m boundary wire (roll), Ø 3.4 mm, 7 wire clips, 500 fixing nails, cable markers  
Order number **IA00 007 1005**

**iMOW® Installation Kit 3 Bio**  
Contains: 300 m boundary wire (roll), Ø 3.4 mm, 5 wire clips, 400 Bio fixing nails, cable markings  
Order number **IA00 007 1006**

**NEW**  
BOUNDARY WIRE

For marking off the lawn area your robotic mower is to work on. Boundary wire is included in delivery with all installation kits.



**150 m (roll), Ø 3.4 mm**  
Order number **IA00 400 8600**

**500 m (roll), Ø 3.4 mm**  
Order number **IA00 400 8601**

**NEW**  
WIRE CLIPS

For stable connections in boundary wire and guide wire. Wire clips are included in delivery for all installation kits.



**10 units**  
Order number **IA00 007 1002**

**NEW**  
FIXING NAILS

Already included in the iMOW® Installation Kit 1 and iMOW® Installation Kit 2 Plus, to secure the boundary wire in the lawn.



**75 units**  
Order number **IA00 007 1000**

**NEW**  
BIO FIXING NAILS

Biodegradable fixing nails for securing the boundary wire in the lawn. Bio fixing nails are already included with the iMOW® Installation Kit 3 Bio.



**100 units**  
Order number **IA00 007 1001**

**i**  
**MADE FROM 100% BIODEGRADABLE RAW MATERIAL**

Our Bio fixing nails are just as sturdy and robust as conventional fixing nails, but are made from 100% biodegradable raw material. These fixing nails will eventually break down entirely in the ground, without leaving behind any residue. By this time the boundary wire of the iMOW robotic mower will already be firmly settled in place so the fixing nails are no longer needed for additional hold.

**NEW**  
iMOW® FIXING KIT 1

For the easy repair of minor damage or breaks in boundary wire.



Contains: 5 m boundary wire, Ø 3.4 mm, 6 wire clips, 10 fixing nails  
Order number **IA00 007 1007**

Ⓢ Suitable for RMI 4 series from the .1 and .2 generation (evolution number). To determine the appropriate accessories, please check the type designation and evolution number on the rating plate of your power tool.

Ⓢ Suitable for RMI 4 series from the .1 generation (evolution number). To determine the appropriate accessories, please check the type designation and evolution number on the rating plate of your power tool.

MOWING AND DRIVING

**NEW**  
iMOW® BASIC BLADES



Spare blades. Blades can be replaced easily and without using tools. Regularly changing the blades helps optimise the quality of your lawn.

**For iMOW® 5/5 EVO, 6/6 EVO and 7/7 EVO**  
**9 units**  
Order number **IA00 007 4201**

**For iMOW® 5/5 EVO, 6/6 EVO and 7/7 EVO**  
**18 units**  
Order number **IA00 007 4202**

**NEW**  
iMOW® UPGRADE KIT 10

Drive wheels for better all-terrain capability on uneven lawns and for managing inclines up to 55%.



Contains: 2 traction wheels, 2 wheel weights  
**For iMOW® 5 EVO, 6 EVO and 7 EVO**  
Order number **IA01 007 4700**

TRACTION WHEELS

Drive wheels for better all-terrain capability. Contains: 2 units.



**ART 220 For series RMI 4**  
Order number **6909 700 0425**

AVS 101 WHEEL WEIGHT SET<sup>Ⓢ</sup>

Additional weights for securing to the front wheels of the robotic mower. Helps to deal with particularly bumpy terrain.



**For the RMI 4 series**  
Order number **6909 710 0800**

**NEW**  
BLADES FOR RMI ROBOTIC MOWERS

Spare blades for your RMI robotic mower. Contains: 1 units.



**For MI 422, RMI 422, RMI 522**  
Order number **6301 702 0101**

**For MI 632, RMI 632**  
Order number **6309 702 0102**

CHARGING AND PROTECTION

DOCKING STATIONS

Extra docking station for charging your iMOW® robotic lawn mower in an additional mowing zone.



**NEW For iMOW® 5, 6 and 7**  
Order number **IA01 430 9630**



**NEW For iMOW® 5 EVO, 6 EVO and 7 EVO**  
Order number **IA01 430 9620**



**ADO 401<sup>Ⓢ</sup> For series RMI 4**  
Order number **6909 430 9602**

SUN CANOPY

Optional protection for your robotic mower against strong sunlight, other weather effects and dirt.



**NEW For iMOW® 5/5 EVO, 6/6 EVO and 7/7 EVO**  
Order number **IA01 780 4300**



**AIP 602 for series RMI 4**  
Order number **6909 780 5401**







Order number	Maximum lawn area <sup>①</sup> (m <sup>2</sup> )	Maximum gradient (%)	Cutting width (cm)	Cutting height (mm)	Active time <sup>②</sup> (h/week)	Mowing time per battery charge to 80% / 100% (min)	80% quick charge charging time (min)	Battery type	Battery capacity (Wh)	Weight (kg)	Sound pressure level <sup>③</sup> (dB(A))	Sound power level <sup>③</sup> (dB(A))	Guide wire (pieces)	Mulch mower unit	Rain sensor	App access	Ambient light front and rear / LED matrix	Bluetooth <sup>®</sup> + wif / mobile network	Ultrasound sensors	
<b>ROBOTIC MOWERS</b>																				
<b>RMI 422</b>	<b>6301 012 1400</b>	800	35	20	20 - 60 (manual)	40	30 / 40	80	Lithium-ion	42	9.0	49	62	-	•	•	-	- / -	- / -	-
<b>RMI 422 P</b>	<b>6301 012 1404</b>	1,500	40	20	20 - 60 (manual)	80	60 / 80	100	Lithium-ion	104	10.0	49	62	-	•	•	-	- / -	- / -	-
<b>RMI 422 PC</b>	<b>6301 012 1410</b>	1,500	40	20	20 - 60 (manual)	80	60 / 80	100	Lithium-ion	104	10.0	49	62	-	•	•	•	- / -	- / •	-
<b>iMOW<sup>®</sup> 5</b>	<b>NEW IA01 011 1400</b>	1,500	40	28	20 - 60 (electric)	75	55 / 65	50	Lithium-ion	83	14.0	48	61	2	•	•	•	• / -	• / -	•
<b>iMOW<sup>®</sup> 5 EVO</b>	<b>NEW IA01 011 1410</b>	1,500	45 (55) <sup>②</sup>	28	20 - 60 (electric)	60	55 / 65	50	Lithium-ion	83	15.0	48	61	3	•	•	•	• / •	• / •	•
<b>iMOW<sup>®</sup> 6</b>	<b>NEW IA01 011 1430</b>	3,000	40	28	20 - 60 (electric)	110	135 / 150	75	Lithium-ion	180	15.0	48	61	2	•	•	•	• / -	• / -	•
<b>iMOW<sup>®</sup> 6 EVO</b>	<b>NEW IA01 011 1440</b>	3,000	45 (55) <sup>②</sup>	28	20 - 60 (electric)	90	135 / 150	75	Lithium-ion	180	15.0	48	61	3	•	•	•	• / •	• / •	•
<b>iMOW<sup>®</sup> 7</b>	<b>NEW IA01 011 1460</b>	5,000	40	28	20 - 60 (electric)	160	220 / 240	80	Lithium-ion	259	15.0	48	61	2	•	•	•	• / -	• / -	•
<b>iMOW<sup>®</sup> 7 EVO</b>	<b>NEW IA01 011 1470</b>	5,000	45 (55) <sup>②</sup>	28	20 - 60 (electric)	125	220 / 240	80	Lithium-ion	259	16.0	48	61	3	•	•	•	• / •	• / •	•

• Fitted as standard C = Communication P = Performance  
 ① Under ideal conditions (few obstacles, straightforward geometry and minimal gradients in the garden, moderate lawn growth)  
 ② The all-terrain capability of iMOW<sup>®</sup> EVO models can be increased to tackle gradients up to 55% with the (IA01 007 4700) iMOW<sup>®</sup> Upgrade Kit 10

③ Under ideal conditions (few obstacles, straightforward geometry and minimal gradients in the garden, moderate lawn growth), refers to the stated maximum area  
 ④ K-factor in accordance with Directive 2006 / 42 / EC = 2.0 dB(A)



## LAWN MOWERS IN DETAIL



### TECHNOLOGY

#### 01 4-IN-1 FUNCTION

Four applications in one lawn mower: cuttings are easily caught in the grass catcher box, rear discharge with closed flap, side discharge with side discharge extension, mulching with the integrated mulching insert (series 2) or integrated mulcher (series 4).

#### 02 FLOW-OPTIMISED BLADE

Only circulates the required amount of air. The minimised resistance enables longer battery life. An integrated target bending position protects the crankshaft against damage.

#### 03 CENTRAL CUT-HEIGHT ADJUSTMENT

Spring mounting means that your preferred cut-height can be easily adjusted in just a few steps. A scale shows the current height.

### CONVENIENCE

#### 04 COMFORT HANDLEBAR

The comfort handlebar guarantees easy handling while mowing lawns and removing the grass catcher box. The handlebar can be folded to save space during storage and transport. The handlebar can be adapted to the user's height without the need of tools.

#### 05 FOLDING GRASS CATCHER BOX WITH FILL-LEVEL DISPLAY

The folding mechanism makes opening and emptying very easy. The airflow during mowing directs the cuttings into the grass catcher box and ensures dense filling. The slats in the basket direct the air onto the ground at the sides, meaning that the user and lawn mower are protected against swirled-up dirt. The fill-level display indicates when it is time for emptying.

Please note that not all products are equipped with the features presented here. Only the most important features are described on this page. For further explanations and information, see from page 482 and online at [stihl.com](http://stihl.com).

## SERIES 2 PETROL-DRIVEN LAWN MOWERS

- For use in your home garden
- For medium-sized lawns
- Robust powder-coated sheet steel housing
- Efficient engines



**NEW - AVAILABLE FROM SPRING 2024**  
**RM 248 T**

127 cm<sup>3</sup> • 1.8 kW / 2.4 hp • 32.0 kg<sup>Ⓢ</sup>



Petrol-driven lawn mower with a 46 cm cutting width, 4-in-1 function, side discharge, as well as mulching insert and multi-blade for medium-sized lawns. Sheet steel housing, central cut-height adjustment, folding 2-setting height-adjustable comfort handlebar and 1-gear wheel drive for comfortable work. Including folding 52-litre grass catcher box with fill-level indicator.

Order number **WB21 011 3410**

Additional versions:  
RM 248 **WB21 011 3400**

**NEW - AVAILABLE FROM SPRING 2024**  
**RM 253 T**

127 cm<sup>3</sup> • 1.8 kW / 2.4 hp • 33.0 kg<sup>Ⓢ</sup>



Petrol-driven lawn mower with a 51 cm cutting width, 4-in-1 function, side discharge, as well as mulching insert and multi-blade for mid-sized and large lawns. Sheet steel housing, central cut-height adjustment, folding 2-setting height-adjustable comfort handlebar and 1-gear wheel drive for comfortable work. Including folding 55-litre grass catcher box with fill-level indicator.

Order number **WB22 011 3410**

Additional versions:  
RM 253 **WB22 011 3400**

T = single-gear wheel drive Ⓢ Net weight excluding fuels and lubricants



## SERIES 4 PETROL-DRIVEN LAWN MOWERS

- For more challenging applications in your home garden
- For medium-sized and larger lawns
- Housing made from durable polymer
- Powerful engines



**NEW** - AVAILABLE FROM SPRING 2024  
**RM 443 T**

139 cm<sup>3</sup> • 2.1 kW / 2.8 hp • 30.0 kg<sup>Ⓞ</sup>

Compact petrol-driven lawn mower with a 41 cm cutting width, 4-in-1 function, side discharge, as well as mulcher and multi-blade for medium-sized lawns with lots of awkward corners. Plastic housing with plastic abrasion strips, central cut-height adjustment, folding 2-setting height-adjustable comfort handlebar and 1-gear wheel drive for comfortable work. Including folding 52-litre grass catcher box with fill-level indicator.

Order number **WB40 011 3410**

**Additional versions:**  
RM 443 WB40 011 3400

RM 443 V WB40 011 3420



**NEW** - AVAILABLE FROM SPRING 2024  
**RM 448 V**

166 cm<sup>3</sup> • 2.6 kW / 3.5 hp • 32.0 kg<sup>Ⓞ</sup>

Robust petrol-driven lawn mower with a 46 cm cutting width, 4-in-1 function, side discharge, as well as mulcher and multi-blade for medium-sized lawns. Plastic housing with plastic abrasion strips, central cut-height adjustment, folding 2-setting height-adjustable comfort handlebar and Vario wheel drive for comfortable work. Including folding 52-litre grass catcher box with fill-level indicator.

Order number **WB41 011 3410**

**Additional versions:**  
RM 448 T WB41 011 3400



**NEW** - AVAILABLE FROM SPRING 2024  
**RM 453 V**

166 cm<sup>3</sup> • 2.6 kW / 3.5 hp • 33.0 kg<sup>Ⓞ</sup>

Large, robust, powerful petrol-driven lawn mower with a 51 cm cutting width, 4-in-1 function, side discharge, as well as mulcher and multi-blade for medium-sized lawns. Plastic housing with plastic abrasion strips, central cut-height adjustment, folding 2-setting height-adjustable comfort handlebar and Vario wheel drive for comfortable work. Including folding 55-litre grass catcher box with fill-level indicator.

Order number **WB42 011 3410**

**Additional versions:**  
RM 453 T WB42 011 3400



PAGE **415**



### iMOW® & LAWN MOWER CARE & CLEAN KIT

For optimum care and cleaning of your iMOW® robotic mower or lawn mower. Available both as a standard pack containing STIHL MultiClean, cleaning brushes and microfibre cloth and - in the Plus special value pack - with additional microfibre cloth and carry bag.

T = single-gear wheel drive    Ⓞ Net weight excluding fuels and lubricants  
V = Vario wheel drive







**NEW**  
AVAILABLE FROM  
SPRING 2024

**RMA 243**  
36 V • 25.0 kg<sup>①</sup>

Compact battery lawn mower with a 41 cm cutting width, 4-in-1 function, side discharge as well as mulching insert and multi-blade for small to medium-sized lawns in noise-sensitive environments. Sheet steel housing with EC motor, additional battery transport slot, central cut-height adjustment and folding 2-setting height-adjustable comfort handlebar. Including folding 52-litre grass catcher box with fill-level indicator.

**RMA 243** excluding battery and charger  
Order number **WA20 011 1400**

**RMA 243 set** with AK 20 and AL 101  
Order number **WA20 011 1410**



**NEW**  
AVAILABLE FROM  
SPRING 2024

**RMA 248 T**  
36 V • 29.0 kg<sup>①</sup>

Battery lawn mower with 46 cm cutting width, 4-in-1 function, side discharge as well as mulching insert and multi-blade for medium-sized lawns in noise-sensitive environments. Sheet steel housing with EC motor, additional battery transport slot and single-gear wheel drive for convenient working. Central cut-height adjustment, folding 2-setting height-adjustable comfort handlebar. Including folding 52-litre grass catcher box with fill-level indicator.

**RMA 248 T** excluding battery and charger  
Order number **WA21 011 1410**

**RMA 248 T set** with AK 30 S and AL 101  
Order number **WA21 011 1430**

**Additional versions:**  
**RMA 248** excluding battery and charger **WA21 011 1400**  
**RMA 248 set** with AK 20 and AL 101 **WA21 011 1420**



**RMA 460**  
36 V • 25.0 kg<sup>①</sup>

Highly maneuverable and efficient battery lawn mower with a 46 cm cutting width for small and medium-sized areas of lawn. With central cut-height adjustment and easily adjustable handle bar for user comfort. Usable for four applications: mowing, mulching, catching and grass side discharge. With robust steel housing, optional Eco mode, additional battery transportation slot and 60-litre textile grass catcher box.

**RMA 460** excluding battery and charger  
Order number **6368 011 1402**



**NEW**  
AVAILABLE FROM  
SPRING 2024  
**RMA 253 T**  
36 V • 30.0 kg<sup>①</sup>

Large battery lawn mower with 51 cm cutting width, 4-in-1 function, side discharge as well as mulching insert and multi-blade for medium-sized lawns in noise-sensitive areas. Sheet steel housing with EC motor, additional battery transport slot and single-gear wheel drive for convenient working. Central cut-height adjustment, folding 2-setting height-adjustable comfort handlebar. Including folding 55-litre grass catcher box with fill-level indicator.

**RMA 253 T** excluding battery and charger  
Order number **WA22 011 1410**

**RMA 253 T set** with AK 30 S and AL 101  
Order number **WA22 011 1430**

**Additional versions:**  
**RMA 253** excluding battery and charger **WA22 011 1400**  
**RMA 253 set** with AK 30 S and AL 101 **WA22 011 1420**



**NEW**  
AVAILABLE FROM  
SPRING 2024  
**RMA 443 V**  
36 V • 26.0 kg<sup>①</sup>

Compact battery lawn mower with a 41 cm cutting width, 4-in-1 function, side discharge, as well as mulcher and multi-blade for medium-sized lawns with lots of awkward corners. Plastic housing with plastic abrasion strips, central cut-height adjustment, as well as folding 2-setting height-adjustable comfort handlebar. With flow-optimised blade and automatic speed control for longer battery life. Electric Vario wheel drive for comfortable work. Including folding 52-litre grass catcher box with fill-level indicator.

**RMA 443 V** excluding battery and charger  
Order number **WA40 011 1420**

**RMA 443 V set** with AK 30 S and AL 101  
Order number **WA40 011 1440**

**Additional versions:**  
**RMA 443** excluding battery and charger **WA40 011 1400**  
**RMA 443 set** with AK 30 S and AL 101 **WA40 011 1435**



**NEW**  
AVAILABLE FROM  
SPRING 2024  
**RMA 448 V**  
36 V • 27.0 kg<sup>①</sup>

Powerful battery lawn mower with 46 cm cutting width, 4-in-1 function, side discharge, as well as mulcher and multi-blade for medium-sized lawns. Plastic housing with plastic abrasion strips, central cut-height adjustment, as well as folding 2-setting height-adjustable comfort handlebar. With flow-optimised blade and automatic speed control for longer battery life. Electric Vario wheel drive for comfortable work. Including folding 52-litre grass catcher box with fill-level indicator.

**RMA 448 V** excluding battery and charger  
Order number **WA41 011 1400**

**RMA 448 V set** with AK 30 S and AL 101  
Order number **WA41 011 1430**

R = Lawn roller  
T = single-gear wheel drive  
V = Vario wheel drive  
① Weight excluding battery  
② For explanation of symbols, see page 482



**NEW**  
AVAILABLE FROM  
SPRING 2024

**RMA 443 PV**

36 V • 27.0 kg<sup>①</sup>



Compact battery lawn mower with a 41 cm cutting width, 4-in-1 function, side discharge, as well as mulcher and multi-blade for medium-sized lawns. Plastic housing with plastic abrasion strips, central cut-height adjustment, as well as folding 2-setting height-adjustable comfort handlebar. With flow-optimised blade and automatic speed control for longer battery life. Electric Vario wheel drive as well as digital HMI control function for comfortable work. Two active battery slots to enable two batteries to be used sequentially. Including folding 52-litre grass catcher box with fill-level indicator.

**RMA 443 PV** excluding battery and charger  
Order number **WA40 011 1410**

**RMA 443 PV set** with AP 300 S and AL 301  
Order number **WA40 200 0002**

**NEW**  
AVAILABLE FROM  
SPRING 2024

**RMA 448 PV**

36 V • 27.0 kg<sup>①</sup>



Powerful battery lawn mower with 46 cm cutting width, 4-in-1 function, side discharge, as well as mulcher and multi-blade for medium-sized lawns. Plastic housing with plastic abrasion strips, central cut-height adjustment, as well as folding 2-setting height-adjustable comfort handlebar. With flow-optimised blade and automatic speed control for longer battery life. Electric Vario wheel drive as well as digital HMI control function for comfortable work. Two active battery slots to enable two batteries to be used sequentially. Including folding 52-litre grass catcher box with fill-level indicator.

**RMA 448 PV** excluding battery and charger  
Order number **WA41 011 1420**

**NEW**  
AVAILABLE FROM  
SPRING 2024

**RMA 453 PV**

36 V • 29.0 kg<sup>①</sup>



Large, powerful battery lawn mower with 51 cm cutting width, 4-in-1 function, side discharge, as well as mulcher and multi-blade for medium-sized lawns. Plastic housing with plastic abrasion strips, central cut-height adjustment, as well as folding 2-setting height-adjustable comfort handlebar. With flow-optimised blade and automatic speed control for longer battery life. Electric Vario wheel drive and digital HMI control function for comfortable work. Two active battery slots to enable two batteries to be used sequentially. Including folding 55-litre grass catcher box with fill-level indicator.

**RMA 453 PV** excluding battery and charger  
Order number **WA42 011 1400**

**RMA 2 RPV**

36 V • 23.0 kg<sup>①</sup>



Lightweight and easy-to-manoeuve mulch mower with a 46 cm cutting width for medium-sized areas of lawn. Cut-height adjustment by axle, quick-fix quick-release tensioner and folding handlebar. Electric Vario wheel drive for comfortable work. The maximum working speed can be adjusted using a lever on the handlebar, with six levels available. With two active battery slots for serial discharge

**RMA 2 RPV** excluding battery and charger  
Order number **6357 011 1415**

**Additional versions:**  
**RMA 2 RV** excluding battery and charger **6357 011 1410**



**RMA 765 V**

STURDY PROFESSIONAL BATTERY LAWN MOWER



ACCESSORIES:  
**NEW**  
**ADA 1000**  
**DOUBLE**  
**BATTERY SLOT**  
**ADAPTER**



See page 232



For regular care of lawns particularly in noise-sensitive areas such as residential locations, schools, and hospital gardens. 63 cm cutting width, 2-blade flow-optimised mowing unit, cut-height adjustment by wheel, electric Vario wheel drive, and height-adjustable folding comfort handlebar. 80-litre grass catcher box with fill-level indicator.

36 V • 44.0 kg<sup>①</sup>



**RMA 765 V** excluding battery and charger  
Order number **6392 011 1400**

**NEW RMA 765 V set** with AR 3000 L + AL 501  
Order number **6392 200 0008**

**NEW RMA 765 V set** with  
2 × AP 500 S + AL 501 + ADA 1000  
Order number **6392 200 0012**

P = Performance  
R = Mulch mower  
V = Vario wheel drive

① Weight excluding battery  
② For explanation of symbols, see page 482



## ACCESSORIES FOR LAWN MOWERS

- Extension set for mulching and catching
- Equipment for making work easier
- Protective devices

### MULCHING KIT

Mulching kit with multi-blade and mulching attachment. To select the right mulching kit for your lawn mower, please note the information in the footnotes.



**AMK 039** for RMA 239 C  
Order number **6909 007 1081**

**AMK 043** for series 4 models with a 41 cm cutting width<sup>①</sup>  
Order number **6909 007 1083**

**AMK 443** for series 4 battery lawn mowers with a 41 cm cutting width<sup>②</sup>  
Order number **6909 007 1038**

**AMK 048** for series 4 models with a 46 cm cutting width<sup>③</sup>  
Order number **6909 007 1034**

**AMK 448** for series 4 battery lawn mowers with a 46 cm cutting width<sup>④</sup>  
Order number **6909 007 1039**

**AMK 065** for RMA 765 V  
Order number **6909 007 1063**

### ADC 048

Disc cutter plate with 4 oscillating blades (Ø 48 cm)



For the **RM 3 RT**  
Order number **6909 700 5107**

### NEW ADA 1000

Double battery slot adapter for using two AP batteries. Automatic switching to the second battery as soon as the first is flat. AP batteries not included.



For **BGA 300<sup>⑤</sup>** and **RMA 765 V**  
Order number **6909 400 4300**

<sup>①</sup> Cannot be used for battery lawn mowers in the .2 generation: 6338 011 1404, 6338 011 1405, 6338 011 1430, 6338 011 1435  
<sup>②</sup> Can only be used for battery lawn mowers in generation .2: 6338 011 1404, 6338 011 1405, 6338 011 1435  
<sup>③</sup> Cannot be used for series 2 models or for battery lawn mowers in the .2 generation: 6358 011 1430, 6358 011 1435  
<sup>④</sup> Can only be used for battery lawn mowers in generation .2: 6358 011 1435  
<sup>⑤</sup> Full functionality only available with BGA 300 from generation .1 onward (BA03 011 5910). With BGA 300 in generation .0 (BA03 011 5900), the second battery slot is not automatically switched to.



Order number	Lawn areas up to ... (m <sup>2</sup> )	Cutting width (cm)	Cutting height (mm)	Mulching function	Grass catcher box (l)	Drive (km/h)	Engine type	Displacement (cm <sup>3</sup> )	Rated output (kW / hp)	Working speed (rpm)	Weight <sup>①</sup> (kg)	Guaranteed sound power level (dB(A))	Measured sound pressure level (dB(A))	Sound pressure level uncertainty <sup>②</sup> (dB(A))	Vibration level (m/s <sup>2</sup> )	Vibration level uncertainty <sup>③</sup> (m/s <sup>2</sup> )	Comfort handlebar	Folding grass catcher box	Central cut-height adjustment	Super-soft handle	Multi-blade		
<b>SERIES 2 PETROL-DRIVEN LAWN MOWERS</b>																							
<b>RM 248</b>	<b>NEW</b> <sup>④</sup>	<b>WB21 011 3400</b>	1,200	46	20 – 100 (7-setting, central)	●	52	-	STIHL EVC 205	127	<b>1.8</b> / 2.4	2,800	30.0	96	83	2	2.8	1.4	●	●	●	-	●
<b>RM 248 T</b>	<b>NEW</b> <sup>④</sup>	<b>WB21 011 3410</b>	1,200	46	20 – 100 (7-setting, central)	●	52	T / 3.5	STIHL EVC 205	127	<b>1.8</b> / 2.4	2,800	32.0	94	80	2	2.8	1.4	●	●	●	-	●
<b>RM 253</b>	<b>NEW</b> <sup>④</sup>	<b>WB22 011 3400</b>	1,800	51	20 – 100 (7-setting, central)	●	55	-	STIHL EVC 205	127	<b>1.8</b> / 2.4	2,800	31.0	97	84	2	5.5	2.2	●	●	●	-	●
<b>RM 253 T</b>	<b>NEW</b> <sup>④</sup>	<b>WB22 011 3410</b>	1,800	51	20 – 100 (7-setting, central)	●	55	T / 3.5	STIHL EVC 205	127	<b>1.8</b> / 2.4	2,800	33.0	97	84	2	5.5	2.2	●	●	●	-	●
<b>SERIES 4 PETROL-DRIVEN LAWN MOWERS</b>																							
<b>RM 443</b>	<b>NEW</b> <sup>④</sup>	<b>WB40 011 3400</b>	1,200	41	20 – 100 (7-setting, central)	●	52	-	STIHL EVC 200 C	139	<b>2.1</b> / 2.8	2,800	28.0	93	80	2	4.4	2.2	●	●	●	-	●
<b>RM 443 T</b>	<b>NEW</b> <sup>④</sup>	<b>WB40 011 3410</b>	1,200	41	20 – 100 (7-setting, central)	●	52	T / 3.5	STIHL EVC 200 C	139	<b>2.1</b> / 2.8	2,800	30.0	95	82	2	5.0	2.5	●	●	●	-	●
<b>RM 443 V</b>	<b>NEW</b> <sup>④</sup>	<b>WB40 011 3420</b>	1,200	41	20 – 100 (7-setting, central)	●	52	V / 2.4 – 4.6	STIHL EVC 200 C	139	<b>2.1</b> / 2.8	2,800	31.0	95	82	2	5.0	2.5	●	●	●	-	●
<b>RM 448 T</b>	<b>NEW</b> <sup>④</sup>	<b>WB41 011 3400</b>	1,200	46	20 – 100 (7-setting, central)	●	52	T / 3.5	STIHL EVC 300	166	<b>2.6</b> / 3.5	2,800	32.0	96	83	2	4.4	2.2	●	●	●	-	●
<b>RM 448 V</b>	<b>NEW</b> <sup>④</sup>	<b>WB41 011 3410</b>	1,200	46	20 – 100 (7-setting, central)	●	52	V / 2.4 – 4.6	STIHL EVC 300	166	<b>2.6</b> / 3.5	2,800	32.0	96	83	2	4.4	2.2	●	●	●	-	●
<b>RM 453 T</b>	<b>NEW</b> <sup>④</sup>	<b>WB42 011 3400</b>	1,200	51	20 – 100 (7-setting, central)	●	55	T / 3.5	STIHL EVC 300	166	<b>2.6</b> / 3.5	2,800	32.0	96	83	2	4.4	2.2	●	●	●	-	●
<b>RM 453 V</b>	<b>NEW</b> <sup>④</sup>	<b>WB42 011 3410</b>	1,200	51	20 – 100 (7-setting, central)	●	55	V / 2.4 – 4.6	STIHL EVC 300	166	<b>2.6</b> / 3.5	2,800	33.0	96	83	2	4.4	2.2	●	●	●	-	●
<b>SERIES R PETROL-DRIVEN LAWN MOWERS</b>																							
<b>RM 2 R</b>		<b>6357 011 3416</b>	1,500	46	28 – 85 (4-setting, by axle)	●	-	-	STIHL EVC 200	139	<b>2.1</b> / 2.8	2,800	23.0	91	79	2	7.9	3.16	-	-	-	-	-
<b>RM 2 RC</b>		<b>6357 011 3425</b>	1,500	46	28 – 85 (4-setting, by axle)	●	-	-	Kohler series HD 675 OHV SC	149	<b>2.2</b> / 3.0	2,800	27.0	91	79	2	4.4	2.2	-	-	-	●	-
<b>RM 2 RT</b>		<b>6357 011 3415</b>	1,500	46	28 – 85 (4-setting, by axle)	●	-	T / 3.5	Kohler series HD 675 OHV SC	149	<b>2.2</b> / 3.0	2,800	30.0	91	79	2	4.4	2.2	-	-	-	●	-
<b>RM 3 RT</b>		<b>6361 011 3416</b>	2,000	48	25 – 80 (5-setting, axle, single-wheel)	●	-	T / 3.5	STIHL EVC 300	166	<b>2.6</b> / 3.5	2,800	31.0	95	79	2	4.8	2.4	-	-	-	●	-



● Fitted as standard  
 ○ Retrofittable (accessory)  
**Engine types**  
 SC = SmartChoke  
 OHV = Overhead valves  
 C = Comfort version  
 R = Mulch mower  
 T = single-gear wheel drive  
 V = Vario wheel drive

① Net weight excluding fuels and lubricants  
 ② Uncertainties in accordance with Directive 2006 / 42 / EC  
 ③ Available from spring 2024



Order number		Lawn areas up to ... (m <sup>2</sup> )	Cutting width (cm)	Cutting height (mm)	Mulching function	Grass catcher box (l)	Drive (km/h)	Engine type / STIHL battery power system	Working speed (rpm)	Weight (kg)	Guaranteed sound power level (dB(A))	Measured sound pressure level (dB(A))	Sound pressure level uncertainty <sup>③</sup> (dB(A))	Vibration level (m/s <sup>2</sup> )	Vibration level uncertainty <sup>④</sup> (m/s <sup>2</sup> )	Eco mode	Comfort handlebar	Folding grass catcher box	Central cut-height adjustment	Flow-optimised blade
<b>BATTERY LAWN MOWERS</b>																				
<b>RMA 235</b>	<b>NEW</b>	<b>6311 011 1415</b>	-	33	25 - 65 (5-setting, central)	-	30	AK-System	3,400	13.0 <sup>⑤</sup>	90	76	3	1.8	0.9	-	-	•	•	•
<b>RMA 239</b>	<b>NEW</b>	<b>6320 011 1430</b>	-	37	30 - 70 (5-setting, central)	○	40	AK-System	3,350	14.0 <sup>⑤</sup>	91	76	2	1.4	0.7	-	-	•	•	•
<b>RMA 239 SET</b> with AK 30 + AL 101	<b>NEW</b>	<b>6320 011 1461</b>	330 <sup>⑥</sup>	37	30 - 70 (5-setting, central)	○	40	AK-System	3,350	15.2 <sup>⑤</sup>	91	76	2	1.4	0.7	-	-	•	•	•
<b>RMA 239 C</b>	<b>NEW</b>	<b>6320 011 1435</b>	-	37	30 - 70 (5-setting, central)	○	40	AK-System	3,350	15.0 <sup>⑤</sup>	91	76	2	1.4	0.7	-	•	•	•	•
<b>RMA 239 C SET</b> with AK 30 + AL 101	<b>NEW</b>	<b>6320 011 1463</b>	330 <sup>⑥</sup>	37	30 - 70 (5-setting, central)	○	40	AK-System	3,350	16.2 <sup>⑤</sup>	91	76	2	1.4	0.7	-	•	•	•	•
<b>RMA 243</b>	<b>NEW</b> <sup>⑦</sup>	<b>WA20 011 1400</b>	-	41	20 - 100 (7-setting, central)	•	52	AK-System	3,000	25.0 <sup>⑤</sup>	96	83	2	1.8	0.9	-	•	•	•	•
<b>RMA 243 SET</b> with AK 20 + AL 101	<b>NEW</b> <sup>⑦</sup>	<b>WA20 011 1410</b>	230 <sup>⑥</sup>	41	20 - 100 (7-setting, central)	•	52	AK-System	3,000	26.2 <sup>⑤</sup>	96	83	2	1.8	0.9	-	•	•	•	•
<b>RMA 248</b>	<b>NEW</b> <sup>⑦</sup>	<b>WA21 011 1400</b>	-	46	20 - 100 (7-setting, central)	•	52	AK-System	3,000	27.0 <sup>⑤</sup>	96	83	2	1.8	0.9	-	•	•	•	•
<b>RMA 248 SET</b> with AK 20 + AL 101	<b>NEW</b> <sup>⑦</sup>	<b>WA21 011 1420</b>	220 <sup>⑥</sup>	46	20 - 100 (7-setting, central)	•	52	AK-System	3,000	28.2 <sup>⑤</sup>	96	83	2	1.8	0.9	-	•	•	•	•
<b>RMA 248 T</b>	<b>NEW</b> <sup>⑦</sup>	<b>WA21 011 1410</b>	-	46	20 - 100 (7-setting, central)	•	52	AK-System	3,000	29.0 <sup>⑤</sup>	96	83	2	1.8	0.9	-	•	•	•	•
<b>RMA 248 SET</b> with AK 30 S + AL 101	<b>NEW</b> <sup>⑦</sup>	<b>WA21 011 1430</b>	340 <sup>⑥</sup>	46	20 - 100 (7-setting, central)	•	52	AK-System	3,000	30.3 <sup>⑤</sup>	96	83	2	1.8	0.9	-	•	•	•	•
<b>RMA 253</b>	<b>NEW</b> <sup>⑦</sup>	<b>WA22 011 1400</b>	-	51	20 - 100 (7-setting, central)	•	55	AK-System	2,700	28.0 <sup>⑤</sup>	96	81	2	1.8	0.9	-	•	•	•	•
<b>RMA 253 SET</b> with AK 30 S + AL 101	<b>NEW</b> <sup>⑦</sup>	<b>WA22 011 1420</b>	275 <sup>⑥</sup>	51	20 - 100 (7-setting, central)	•	55	AK-System	2,700	29.3 <sup>⑤</sup>	96	83	2	1.8	0.9	-	•	•	•	•
<b>RMA 253 T</b>	<b>NEW</b> <sup>⑦</sup>	<b>WA22 011 1410</b>	-	51	20 - 100 (7-setting, central)	•	55	AK-System	2,700	30.0 <sup>⑤</sup>	96	81	2	1.8	0.9	-	•	•	•	•
<b>RMA 253 T SET</b> with AK 30 S + AL 101	<b>NEW</b> <sup>⑦</sup>	<b>WA22 011 1430</b>	325 <sup>⑥</sup>	51	20 - 100 (7-setting, central)	•	55	AK-System	2,700	31.0 <sup>⑤</sup>	96	83	2	1.8	0.9	-	•	•	•	•
<b>RMA 443</b>	<b>NEW</b> <sup>⑦</sup>	<b>WA40 011 1400</b>	-	41	20 - 100 (7-setting, central)	•	52	AK-System	3,000	24.0 <sup>⑤</sup>	91	78	2	2.2	1.1	•	•	•	•	•
<b>RMA 443 SET</b> with AK 30 S + AL 101	<b>NEW</b> <sup>⑦</sup>	<b>WA40 011 1435</b>	300 <sup>⑥</sup>	41	20 - 100 (7-setting, central)	•	52	AK-System	3,000	25.2 <sup>⑤</sup>	96	83	2	1.8	0.9	•	•	•	•	•
<b>RMA 443 V</b>	<b>NEW</b> <sup>⑦</sup>	<b>WA40 011 1420</b>	-	41	20 - 100 (7-setting, central)	•	52	AK-System	3,000	26.0 <sup>⑤</sup>	91	78	2	2.2	1.1	•	•	•	•	•
<b>RMA 443 V SET</b> with AK 30 S + AL 101	<b>NEW</b> <sup>⑦</sup>	<b>WA40 011 1440</b>	350 <sup>⑥</sup>	41	20 - 100 (7-setting, central)	•	52	AK-System	3,000	27.3 <sup>⑤</sup>	96	83	2	1.8	0.9	•	•	•	•	•

• Fitted as standard  
○ Retrofittable (accessory)  
C = Comfort version  
P = Performance  
T = single-gear wheel drive  
V = Vario wheel drive

① Area coverage from one full battery charge in optimum conditions. In addition to the type of battery used, other factors influence the actually achievable area coverage, such as the lawn surface properties (obstacles, geometry), grass height and moisture level, the working speed, mulching, etc. The area coverage can be increased by recharging or using multiple rechargeable batteries.

② Uncertainties in accordance with Directive 2006/42/EC  
③ Weight excluding battery  
④ Weight including battery, excluding charger  
⑤ Available from spring 2024



Order number	Lawn areas up to ... (m <sup>2</sup> )	Cutting width (cm)	Cutting height (mm)	Mulching function	Grass catcher box (l)	Drive (km/h)	STIHL battery power system	Working speed (rpm)	Weight (kg)	Guaranteed sound power level (dB(A))	Measured sound pressure level (dB(A))	Sound pressure level uncertainty <sup>③</sup> (dB(A))	Vibration level (m/s <sup>2</sup> )	Vibration level uncertainty <sup>③</sup> (m/s <sup>2</sup> )	Eco mode	Comfort handlebar	Folding grass catcher-box	Central cut-height adjustment	Flow-optimised blade	Super-soft handle
<b>BATTERY LAWN MOWERS</b>																				
<b>RMA 443 PV</b>	<b>NEW</b> <sup>①</sup>	WA40 011 1410	-	41	20 - 100 (7-setting, central)	●	52	V/2.0 - 4.5	AP-System	3,000	27.0 <sup>②</sup>	91	77	2	1.8	0.9	●	●	●	-
<b>RMA 443 PV SET</b> with AP 300 S + AL 301	<b>NEW</b> <sup>①</sup>	WA40 200 0002	530 <sup>①</sup>	41	20 - 100 (7-setting, central)	●	52	V/2.0 - 4.5	AP-System	3,000	28.8 <sup>②</sup>	91	77	2	1.8	0.9	●	●	●	-
<b>RMA 448 V</b>	<b>NEW</b> <sup>①</sup>	WA41 011 1400	-	46	20 - 100 (7-setting, central)	●	52	V/2.0 - 4.5	AK-System	3,000	27.0 <sup>②</sup>	91	78	2	2.2	1.1	●	●	●	-
<b>RMA 448 V SET</b> with AK 30 S + AL 101	<b>NEW</b> <sup>①</sup>	WA41 011 1430	340 <sup>①</sup>	46	20 - 100 (7-setting, central)	●	52	V/2.0 - 4.5	AK-System	3,000	28.3 <sup>②</sup>	96	83	2	1.8	0.9	●	●	●	-
<b>RMA 448 PV</b>	<b>NEW</b> <sup>①</sup>	WA41 011 1420	-	46	20 - 100 (7-setting, central)	●	52	V/2.0 - 4.5	AP-System	3,000	27.0 <sup>②</sup>	95	82	2	1.8	0.9	●	●	●	-
<b>RMA 448 PV SET</b> with AP 300 S + AL 301	<b>NEW</b> <sup>①</sup>	WA41 200 0000	510 <sup>①</sup>	46	20 - 100 (7-setting, central)	●	52	V/2.0 - 4.5	AP-System	3,000	28.8 <sup>②</sup>	95	82	2	1.8	0.9	●	●	●	-
<b>RMA 453 PV</b>	<b>NEW</b> <sup>①</sup>	WA42 011 1400	-	51	20 - 100 (7-setting, central)	●	55	V/2.0 - 4.5	AP-System	2,700	29.0 <sup>②</sup>	95	82	2	1.8	0.9	●	●	●	-
<b>RMA 460</b>		6368 011 1402	-	46	35 - 90 (7-setting, central)	●	60	-	AK-System	3,200	25.0 <sup>②</sup>	96	85	3	1.40	0.70	●	-	-	-
<b>RMA 765 V</b>		6392 011 1400	-	63	25 - 100 (8-setting, single-wheel)	○	80	V/0 - 5.5	AP-System	3,300	44.0 <sup>②</sup>	93	84	3	1.4	0.7	●	●	-	●
<b>RMA 765 V SET</b> with AR 3000 L + AL 501	<b>NEW</b>	6392 200 0008	3,100 <sup>①</sup>	63	25 - 100 (8-setting, single-wheel)	○	80	V/0 - 5.5	AP-System	3,300	53.5	93	84	3	1.4	0.7	●	●	-	●
<b>RMA 765 V SET</b> with 2 × AP 500 S, AL 501 + ADA 1000	<b>NEW</b>	6392 200 0012	800 <sup>①</sup>	63	25 - 100 (8-setting, single-wheel)	○	80	V/0 - 5.5	AP-System	3,300	49.0 <sup>②</sup>	93	84	3	1.4	0.7	●	●	-	●
<b>RMA 2 RV</b>		6357 011 1410	-	46	25 - 85 (4-setting, by axle)	●	-	V/2.0 - 4.5	AP-System	3,150	23.0 <sup>②</sup>	88	74	2	1.4	0.7	●	-	-	●
<b>RMA 2 RPV</b>		6357 011 1415	-	46	25 - 85 (4-setting, by axle)	●	-	V/2.0 - 4.5	AP-System	3,150	23.0 <sup>②</sup>	88	74	2	1.4	0.7	●	-	-	●



● Fitted as standard  
○ Retrofittable (accessory)  
P = Performance  
R = Mulch mower (for RMA 2 RPV)  
V = Vario wheel drive

① Area coverage from one full battery charge in optimum conditions. In addition to the type of battery used, other factors influence the actually achievable area coverage, such as the lawn surface properties (obstacles, geometry), grass height and moisture level, the working speed, mulching, etc. The area coverage can be increased by recharging or using multiple rechargeable batteries.

② Uncertainties in accordance with Directive 2006/42/EC  
③ Weight excluding battery  
④ Weight including battery, excluding charger  
⑤ Available from spring 2024



## AERATORS IN DETAIL



### TECHNOLOGY

**01 STIHL LITHIUM-ION BATTERY TECHNOLOGY**  
Operation with STIHL AK batteries enables comfortable and low-noise work.

### CONVENIENCE

**02 HEIGHT-ADJUSTABLE HANDLEBAR**  
In the RLA 240 and RLE 240, the handlebar can be easily adjusted to four different heights. In addition, it is foldable in three places, enabling easy transport and space-saving storage.

**03 GRASS CATCHER BOX**  
The 50-litre grass catcher box is made from a tearproof woven textile. The steel frame with carry handle ensures stability and makes it comfortable to carry.

Please note that not all products are equipped with the features presented here. Only the most important features are described on this page. For further explanations and information, see from page 482 and online at [stihl.com](http://stihl.com).

## AERATORS AND ACCESSORIES

- For private use
- For removing lawn thatch and moss
- To improve lawn quality
- Easy to manoeuvre



**RLA 240**  
36 V • 15.0 kg<sup>Ⓞ</sup>

Compact battery aerator for scarifying and combing smaller areas of lawn. Central adjustment of the working depth by means of a rotary switch on the housing, handlebar with 4-setting height adjustment, 34 cm working width, 16 blades. Including an aerator roller and 50-litre grass catcher box.

**RLA 240** excluding battery and charger  
Order number **6291 011 6600**

**RLA 240 set** with AK 30 and AL 101  
Order number **6291 200 0006**

**RLA 240 set** with 2 × AK 30 and AL 101  
Order number **6291 200 0003**

	Order number	Lawn areas up to ... (m <sup>2</sup> )	Working width (cm)	Working depth range (mm)	Catcher box	Engine type / STIHL battery power system	Rated output (W) / rated speed (rpm)	Weight (kg)	Guaranteed sound power level (dB(A))	Measured sound pressure level (dB(A))	Sound pressure level uncertainty <sup>Ⓞ</sup> (dB(A))	Vibration level (m/s <sup>2</sup> )	Vibration level uncertainty <sup>Ⓞ</sup> (m/s <sup>2</sup> )	Working depth adjustment on the housing	Aerator roller
<b>RLA 240</b>	<b>6291 011 6600</b>	-	34	-7.5 to +7.5 central, infinitely variable	•	AK-System	900 / 3,650	15.0 <sup>Ⓞ</sup>	92	75	3	4.8	2.4	•	•
<b>RLA 240 SET</b> with AK 30 + AL 101	<b>6291 200 0006</b>	500 <sup>Ⓞ</sup>	34	-7.5 to +7.5 central, infinitely variable	•	AK-System	900 / 3,650	16.3 <sup>Ⓞ</sup>	92	75	3	4.8	2.4	•	•
<b>RLA 240 SET</b> with 2 × AK 30 + AL 101	<b>6291 200 0003</b>	1,000 <sup>Ⓞ</sup>	34	-7.5 to +7.5 central, infinitely variable	•	AK-System	900 / 3,650	17.6 <sup>Ⓞ</sup>	92	75	3	4.8	2.4	•	•

• Fitted as standard  
o Retrofittable (accessory)

Ⓞ Uncertainties in accordance with Directive 2006 / 42 / EC  
Ⓞ Weight excluding battery  
Ⓞ Weight including battery, excluding charger

Ⓞ When using the AK 30 with a recharging process and working an area only in one direction (no crossing-over)  
Ⓞ For explanation of symbols, see page 482





## TAME WILDERNESS WITH EASE.

---

<u>Petrol-driven brushcutters and clearing saws</u>	<b>245</b>
<u>Battery brushcutters</u>	<b>258</b>
<u>Electric brushcutters</u>	<b>262</b>
<u>Petrol-driven backpack brushcutters</u>	<b>264</b>

<u>Accessories and parts for brushcutters and clearing saws</u>	<b>268</b>
<u>Cutting tools and mowing lines</u>	<b>280</b>
<u>Accessories for cutting tools</u>	<b>288</b>

## BRUSHCUTTERS AND CLEARING SAWS IN DETAIL



### TECHNOLOGY

#### 01 STIHL 2-MIX ENGINE

The STIHL 2-MIX engine is both powerful and economical. Separating the exhaust emissions from the unburnt gas minimises flushing losses, thereby increasing power output while reducing consumption.

#### 02 STIHL M-TRONIC

 For a cold start STIHL M-Tronic only needs one start position on the combi-lever. After starting, you can immediately power up to full speed. The amount of fuel required is precisely calculated by the system and supplied as needed. Otherwise, start in position I as usual.

### CONVENIENCE

#### 03 STIHL ERGOSTART

Ensures comfortable and effortless starting, without needing to jerk the cord - The spring between the start-up pulley and the crankshaft absorbs the load peaks during start-up.

#### 04 STIHL ANTI-VIBRATION SYSTEM

Makes the tool comfortable to use. Buffer and spring elements reduce the transfer of engine vibrations. Available as standard as a 1-point version and from the FS 311 also as a 4-point version.

#### 05 ADVANCE GRIP CONTROL HANDLE

New ergonomic control handles for low-fatigue work and the option to change the handle position

## PETROL-DRIVEN BRUSHCUTTERS FOR TRIMMING GRASS

- High-performance entry-level power tools for domestic use
- For mowing small areas of grass
- For trimming lawn edges
- Easy to start
- With curved or straight shaft



### FS 38

27.2 cm<sup>3</sup> • 0.65 kW / 0.9 hp • 4.2 kg<sup>Ⓞ</sup>

Lightest brushcutter in the STIHL range. Ideal for trimming grass edges. Single-handed multi-function handle, loop handle, STIHL 2-MIX engine, retrofittable with STIHL ElastoStart.



Order number 4140 012 2353

### FS 40

27.2 cm<sup>3</sup> • 0.7 kW / 1.0 hp • 4.4 kg<sup>Ⓞ</sup>

With simplified starting system, for mowing smaller areas of grass. Single-handed multi-function handle, loop handle, STIHL 2-MIX engine.



Order number 4144 011 2309



PAGE **415**

### FS CARE & CLEAN KIT

For optimal care and cleaning of STIHL brushcutters and clearing saws. Available as a sample pack and a special value pack.



**FS 50**27.2 cm<sup>3</sup> • 0.8 kW / 1.1 hp • 4.4 kg<sup>Ⓞ</sup>

With simplified start-up sequence. Single-handed multi-function handle, loop handle, tool-free handle adjustment, STIHL 2-MIX engine.

Order number **4144 011 2314**

Additional versions:

FS 50 C-E 4144 011 2315

**FS 55 R**27.2 cm<sup>3</sup> • 0.75 kW / 1.0 hp • 4.4 kg<sup>Ⓞ</sup>

For comfortable operation where space is limited. Single-handed multi-function handle, loop handle with barrier bar, STIHL 2-MIX engine, harness.

Order number **4140 200 0529**

Additional versions:

FS 55 4140 200 0522

**APPROPRIATE FUELS AND LUBRICANTS**

SEE FROM PAGE 404

C = Comfort version  
E = STIHL ErgoStart  
R = Loop handle

Ⓞ Weight excluding fuel,  
cutting tool and guard

## PETROL-DRIVEN BRUSHCUTTERS FOR GARDEN MAINTENANCE

- For larger gardens and grounds
- For mowing larger areas of grass
- High-performance power tools with various cutting tools

**FS 56 R**27.2 cm<sup>3</sup> • 0.8 kW / 1.1 hp • 4.7 kg<sup>Ⓞ</sup>

For comfortable operation where space is limited. Single-handed multi-function handle, loop handle with barrier bar, STIHL 2-MIX engine, harness.

Order number **4144 200 0096****FS 56**27.2 cm<sup>3</sup> • 0.8 kW / 1.1 hp • 5.1 kg<sup>Ⓞ</sup>

For working on areas of tough grass. Single-handed multi-function handle, ergonomic bike handle, STIHL 2-MIX engine, optimised trimmer angle, straight shaft, harness.

Order number **4144 200 0036**

Additional versions:

FS 56 C-E 4144 200 0095

**FS 70 C-E**27.2 cm<sup>3</sup> • 0.9 kW / 1.2 hp • 5.4 kg<sup>Ⓞ</sup>

For mowing large areas of tough grass. STIHL ErgoStart, single-handed multi-function handle, ergonomic bike handle, STIHL 2-MIX engine, harness.

Order number **4144 200 0076**

Additional versions:

FS 70 RC-E 4144 200 0105

**FS 85**25.4 cm<sup>3</sup> • 0.95 kW / 1.3 hp • 5.3 kg<sup>Ⓞ</sup>

Powerful brushcutter for mowing around the home and garden. STIHL 1-point anti-vibration system, STIHL ElastoStart, multi-function handle and mowing guide.

Order number **4137 200 0130****FS 89**28.4 cm<sup>3</sup> • 0.95 kW / 1.3 hp • 5.8 kg<sup>Ⓞ</sup>

For working on areas of tough grass. A simplified start-up sequence for convenient starting, single-handed multi-function handle, ergonomic bike handle (mowing handle), STIHL 4-MIX® engine with larger tank for longer runtime, flexible drive shaft, double shoulder harness.

Order number **4180 200 0540****FS 160**29.8 cm<sup>3</sup> • 1.4 kW / 1.9 hp • 7.4 kg<sup>Ⓞ</sup>

Powerful clearing saw for working on large areas of tough grass. Anti-vibration system, multi-function handle, bike handle.

Order number **4119 200 0019**

## PETROL-DRIVEN BRUSHCUTTERS FOR LANDSCAPE MAINTENANCE

- Very robust, powerful and high-torque
- For mowing large areas of long grass
- For clearing weeds
- For tree cultivation
- Also for overgrown thickets and bushes



### FS 91

28.4 cm<sup>3</sup> • 0.95 kW / 1.3 hp • 5.8 kg<sup>Ⓞ</sup>

For working on areas of tough grass. A simplified start-up sequence for convenient starting, single-handed multi-function handle, ergonomic bike handle (mowing handle), STIHL 4-MIX<sup>®</sup> engine with large tank for long battery life, rigid drive shaft, double shoulder harness.



Order number 4180 200 0547

### FS 94 C-E

24.1 cm<sup>3</sup> • 0.9 kW / 1.2 hp • 4.9 kg<sup>Ⓞ</sup>

The most lightweight brushcutter in this segment. STIHL 1-point anti-vibration system, STIHL ErgoStart, single-handed multi-function handle, ergonomic bike handle, STIHL ECOSPEED, STIHL 2-MIX engine, straight shaft, double shoulder harness.



Order number 4149 200 0076

Additional versions:  
FS 94 RC-E 4149 200 0081



### C IN THE PRODUCT NAME STANDS FOR COMFORT FEATURE

Many STIHL tools are fitted with special comfort features as standard; these can be identified by the C in the product name, e.g. FS 261 C-E. The E denotes STIHL ErgoStart.

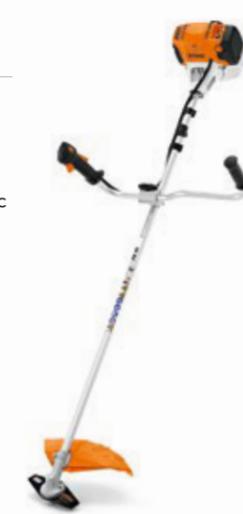
C = Comfort version  
E = STIHL ErgoStart  
R = Loop handle

<sup>Ⓞ</sup> Weight excluding fuel, cutting tool and guard

### FS 111

31.4 cm<sup>3</sup> • 1.05 kW / 1.4 hp • 5.8 kg<sup>Ⓞ</sup>

Powerful battery brushcutter for working on large areas of tough grass. Simplified start-up process for convenient starting, ergonomic bike handle (mowing handle), STIHL 4-MIX<sup>®</sup> engine with large tank for long battery life, rigid drive shaft, double shoulder harness.



Order number 4180 200 0555

### FS 120

30.8 cm<sup>3</sup> • 1.3 kW / 1.8 hp • 6.3 kg<sup>Ⓞ</sup>

For mowing large areas and tough grass. STIHL anti-vibration system, STIHL ElastoStart, single-handed multi-function handle, ergonomic bike handle, tool-free handle adjustment, harness.



Order number 4134 200 0074

### FS 120 R

30.8 cm<sup>3</sup> • 1.3 kW / 1.8 hp • 6.0 kg<sup>Ⓞ</sup>

For mowing large areas and tough grass. STIHL anti-vibration system, STIHL ElastoStart, single-handed multi-function handle, loop handle with barrier bar, tool-free handle adjustment, harness.

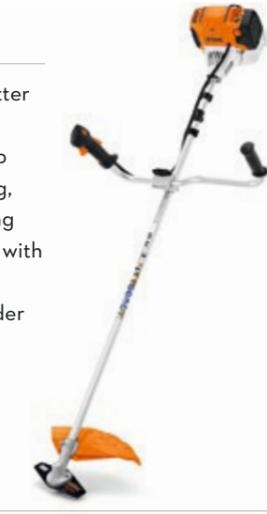


Order number 4134 200 0411

### FS 131

36.3 cm<sup>3</sup> • 1.4 kW / 1.9 hp • 5.8 kg<sup>Ⓞ</sup>

Very powerful battery brushcutter for working on large areas of tough grass. Simplified start-up process for convenient starting, ergonomic bike handle (mowing handle), STIHL 4-MIX<sup>®</sup> engine with large tank for long battery life, rigid drive shaft, double shoulder harness.



Order number 4180 200 0572



### OUR SOLUTIONS FOR EFFECTIVE WEEDING

We offer multiple solutions for the effective, low-spin removal of weeds and grass from various substrates. You can choose between the RG rotary cutting head attachment for brushcutters or the RGA 140 battery rotary cutting head from the STIHL AP-System. We also offer the RG-KM rotary cutting head attachment for your petrol or battery KombiEngine.

- ➔ **RG-KM rotary cutting head for KombiEngines on page 174.**
- RGA 140 battery rotary cutting head on page 261.**
- RG rotary cutting head for brushcutters on page 269.**



**FS 220**35.2 cm<sup>3</sup> • 1.7 kW / 2.3 hp • 7.7 kg<sup>①</sup>

Powerful clearing saw for working on large areas of tough grass. Anti-vibration system, single-handed multi-function handle, ergonomic bike handle.

Order number **4119 200 0016****FS 235**36.3 cm<sup>3</sup> • 1.55 kW / 2.1 hp • 6.8 kg<sup>①</sup>

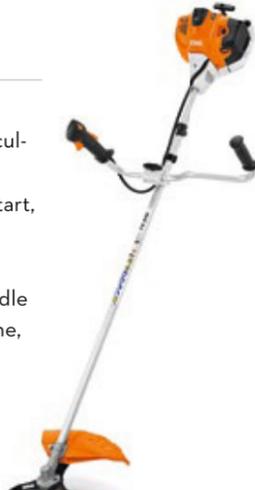
Outstanding mowing power. For mowing and harvesting grass and scrub. Sturdy and equipped with characteristically high output. STIHL 1-point anti-vibration system, automatic decompression, STIHL 2-MIX engine and single-handed multi-function handle, ergonomic bike handle.

Order number **4151 200 0015****FS 230**40.2 cm<sup>3</sup> • 1.55 kW / 2.1 hp • 7.3 kg<sup>①</sup>

Robust and powerful clearing saw for mowing grass and scrub with grass cutting blade or mowing line. New with cruise control function, ergonomic bike handle and multi-function control grip for very comfortable working. With double shoulder harness.

Order number **4151 200 0041****FS 240 C-E**37.7 cm<sup>3</sup> • 1.7 kW / 2.3 hp • 7.1 kg<sup>①</sup>

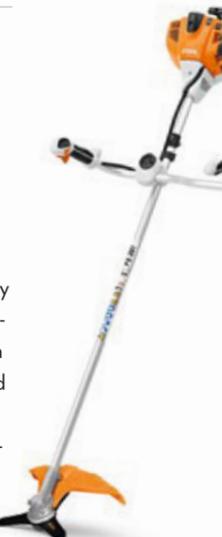
   Ideal for agricultural and horticultural work. STIHL 1-point anti-vibration system, STIHL ErgoStart, single-handed multi-function handle, ergonomic bike handle (mowing handle), tool-free handle adjustment, STIHL 2-MIX engine, straight shaft, solid drive shaft, double shoulder harness.

Order number **4147 200 0358****FS 250**40.2 cm<sup>3</sup> • 1.6 kW / 2.2 hp • 6.3 kg<sup>①</sup>

For tough and extensive mowing work. STIHL 1-point anti-vibration system, STIHL ElastoStart, single-handed multi-function handle, ergonomic bike handle, tool-free handle adjustment.

Order number **4134 200 0090****FS 261 C-E**41.6 cm<sup>3</sup> • 2.0 kW / 2.7 hp • 7.8 kg<sup>①</sup>

   For tough and extensive mowing work. Cutting circle diameter of 300 mm with brush knife, cutting circle diameter extends to a maximum of 520 mm with line mowing tool, STIHL 1-point anti-vibration system, STIHL ErgoStart. Ergonomic bike handle with new extremely ergonomic ADVANCE Grip single-handed multi-function handle with comfortable gripping surfaces and thumb rest for low-fatigue flexible work, with tool-free handle adjustment. STIHL 2-MIX engine. With double shoulder harness.

Order number **4147 200 0593****FS 280**38.9 cm<sup>3</sup> • 1.9 kW / 2.6 hp • 7.9 kg<sup>①</sup>

Powerful clearing saw for working on large areas of tough grass. Anti-vibration system, single-handed multi-function handle, ergonomic bike handle.

Order number **4119 200 0067****FS 290**38.9 cm<sup>3</sup> • 2.0 kW / 2.7 hp • 7.9 kg<sup>①</sup>

Powerful clearing saw for working on large areas of tough grass. Anti-vibration system, single-handed multi-function handle, ergonomic bike handle.

Order number **4119 200 0025**

**FS 300****30.8 cm<sup>3</sup> • 1.3 kW / 1.8 hp • 7.3 kg<sup>①</sup>**

Robust and powerful clearing saw for mowing work in matted grass and scrub. 4-point anti-vibration system, single-handed multi-function handle, ergonomic bike handle.

Order number **4134 200 0410****FS 350****40.2 cm<sup>3</sup> • 1.6 kW / 2.2 hp • 7.3 kg<sup>①</sup>**

Robust and powerful clearing saw for mowing work in matted grass and scrub. 4-point anti-vibration system, single-handed multi-function handle, ergonomic bike handle.

Order number **4134 200 0399****NEW****FS 351****37.7 cm<sup>3</sup> • 1.7 kW / 2.3 hp • 8.8 kg<sup>①</sup>**

Robust and powerful clearing saw for mowing work in matted grass and scrub. 4-point anti-vibration system, economic 2-MIX engine with simplified start-up sequence for convenient starting, single-handed multi-function handle, ergonomic bike handle.

Order number **4147 012 2312****FS 380****40.2 cm<sup>3</sup> • 2.0 kW / 2.7 hp • 7.3 kg<sup>①</sup>**

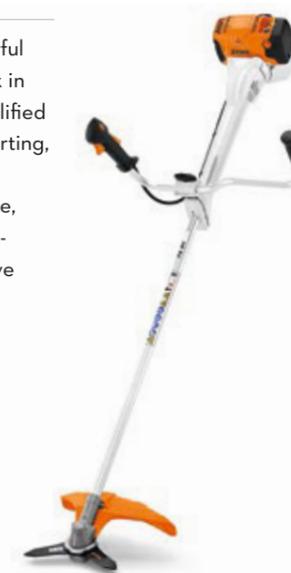
Robust and powerful clearing saw for mowing work in matted grass and scrub. 4-point anti-vibration system, single-handed multi-function handle, ergonomic bike handle.

Order number **4134 200 0408****FS 450****44.3 cm<sup>3</sup> • 2.1 kW / 2.9 hp • 8.0 kg<sup>①</sup>**

Particularly powerful clearing saw for working in challenging areas of tough grass and scrub. Great for sawing jobs. 4-point anti-vibration system, multi-function handle, bike handle.

Order number **4128 200 0172****CLEARING SAWS****FS 311****36.3 cm<sup>3</sup> • 1.4 kW / 1.9 hp • 7.2 kg<sup>①</sup>**

Lightweight, particularly powerful clearing saw for mowing work in matted grass and scrub. Simplified start-up sequence for easy starting, single-handed multi-function handle, ergonomic bike handle, STIHL 4-MIX® engine, maintenance-free gearbox, rigid drive shaft, with ADVANCE PLUS universal harness.

Order number **4180 200 0595****FS 361 C-EM****37.7 cm<sup>3</sup> • 1.7 kW / 2.3 hp • 8.6 kg<sup>①</sup>**

For mowing tough grass. STIHL 4-point anti-vibration system, STIHL ErgoStart, multi-function handle, ergonomic bike handle with new extremely ergonomic ADVANCE Grip single-handed multi-function handle with comfortable gripping surfaces and thumb rest for low-fatigue flexible work, with tool-free handle adjustment, STIHL 2-MIX engine, STIHL M-Tronic, with ADVANCE PLUS universal harness.

Order number **4147 200 0605**

- For landscape maintenance and forestry
- Powerful, comfortable and long-lasting professional power tools
- For removing scrub and rampant overgrowth
- For shredding and sawing jobs in the forest
- For mowing large areas

**HIGH-TECH HARNESS, EXTREMELY COMFORTABLE TO WEAR FOR DEMANDING JOBS IN THE FOREST.**

The **ADVANCE X-TREEm forestry harness** is the ideal harness for long and extremely demanding jobs using our professional clearing saws. The infinitely variable length-adjustable back section of the harness provides an effective means of optimising load distribution between shoulders and hips to protect your muscles and joints. The clearing saw can be clipped to the comfort hook of the harness to give you the benefit of maximum unrestricted movement to safely guide the power tool. Breathable materials and large ventilation sections provide outstanding comfort. The ADVANCE X-TREEm forestry harness can be found on **page 271**.





### EFFICIENT WORK THANKS TO A LARGE MOWING DIAMETER

Equipped with a line mowing tool, our FS 361 C-EM, FS 411 C-EM and FS 461 C-EM professional clearing saws offer a very large mowing diameter of up to 520 mm. This means that for large-scale mowing and clearing work in particular, users benefit from rapid work progress as well as high efficiency.

#### FS 410 C-EM K

41.6 cm<sup>3</sup> • 2.0 kW / 2.7 hp • 8.5 kg<sup>①</sup> 

   For mowing tough grass. STIHL 4-point anti-vibration system, STIHL ErgoStart. Ergonomic bike handle with new extremely ergonomic ADVANCE Grip, single-handed multi-function handle with comfortable gripping surfaces and thumb rest for low-fatigue flexible work, including tool-free handle adjustment, STIHL 2-MIX engine, STIHL M-Tronic, with ADVANCE X-TREEm forestry harness.



Order number **4147 012 2327**

#### FS 411 C-EM

41.6 cm<sup>3</sup> • 2.0 kW / 2.7 hp • 8.7 kg<sup>①</sup> 

   For mowing tough grass. Cutting circle diameter of 300 mm with brush knife, cutting circle diameter extends to a maximum of 520 mm with line mowing tool, STIHL 4-point anti-vibration system, STIHL ErgoStart. Ergonomic bike handle with new extremely ergonomic ADVANCE Grip single-handed multi-function handle with comfortable gripping surfaces and thumb rest for low-fatigue flexible work, with tool-free handle adjustment. STIHL 2-MIX engine, STIHL M-Tronic. With ADVANCE PLUS universal harness.



Order number **4147 200 0615**

**Additional versions:**

FS 411 C-EM L **4147 200 0626**

#### FS 461 C-EM

45.6 cm<sup>3</sup> • 2.2 kW / 3.0 hp • 8.7 kg<sup>①</sup> 

   For work in challenging areas of tough grass. Cutting circle diameter of 300 mm with brush knife, cutting circle diameter extends to a maximum of 520 mm with line mowing tool, STIHL 4-point anti-vibration system, STIHL ErgoStart. Ergonomic bike handle with new extremely ergonomic ADVANCE Grip single-handed multi-function handle with comfortable gripping surfaces and thumb rest for low-fatigue flexible work, with tool-free handle adjustment. STIHL 2-MIX engine, STIHL M-Tronic. With the ADVANCE X-TREEm forestry harness.



Order number **4147 200 0568**

**Additional versions:**

FS 461 C-EM L **4147 200 0571**

FS 460 C-EM with ADVANCE PLUS bright orange universal harness. **4147 200 0227**

FS 460 C-EM L **4147 200 0100**

#### FS 490 C-EM K SAWS

51.6 cm<sup>3</sup> • 2.4 kW / 3.3 hp • 9.2 kg<sup>①</sup> 

   For professional applications in landscape maintenance. STIHL 4-point anti-vibration system, STIHL ErgoStart. Ergonomic bike handle with new extremely ergonomic ADVANCE Grip single-handed multi-function handle with comfortable gripping surfaces and thumb rest for low-fatigue flexible work, including tool-free handle adjustment, STIHL 2-MIX engine, STIHL M-Tronic, straightforward start logic, stop button, with ADVANCE PLUS universal harness.



Order number **4148 200 0230**

**Additional versions:**

FS 490 C-EM KW saws **4148 200 0158**

FS 490 C-EM L **4148 200 0040**



### PROFESSIONAL TIP

Our clearing saws in the K version are designed for applications in the forest. They have a short shaft, a flat trimmer angle, a forestry harness as standard, and a special handle for precise control when sawing.

C = Comfort version  
E = STIHL ErgoStart  
L = Long shaft  
M = STIHL M-Tronic  
K = Short shaft  
W = Electrically heated handles

<sup>①</sup> Weight excluding fuel, cutting tool and guard  
<sup>②</sup> For explanation of quality marks, see page 491



## FS 561 C-EM: THE LARGEST MOWING CIRCLE IN ITS CLASS

Whether in professional landscape maintenance, forestry, public authority work, or road maintenance operations - challenging day-to-day work means reliable, comfortable and not least high-performance power tools with excellent efficiency are essential. That's exactly what our top clearing saw models are designed for. Equipped with a line mowing tool, the FS 491 delivers a mowing diameter of 520 mm, with the FS 561 even achieving an impressive 560 mm - currently the largest cutting diameter on the market in this power tool category. The FS 561 therefore ensures extremely quick mowing and enables users to boost their efficiency by up to 17% compared with a 480 mm mowing diameter.



### FS 491 C-EM

51.6 cm<sup>3</sup> • 2.4 kW / 3.3 hp • 9.3 kg<sup>Ⓞ</sup>



Powerful STIHL clearing saw. Cutting circle diameter of 300 mm with brush knife, cutting circle diameter extends to a maximum of 520 mm with line mowing tool, STIHL 4-point anti-vibration system, STIHL ErgoStart. Ergonomic bike handle with new extremely ergonomic ADVANCE Grip single-handed multi-function handle with comfortable gripping surfaces and thumb rest for low-fatigue flexible work, with tool-free handle adjustment. STIHL 2-MIX engine, STIHL M-Tronic, straightforward start logic, stop button. With the ADVANCE X-TREEm forestry harness.



Order number **4148 200 0189**

#### Additional versions:

FS 491 C-EM L **4148 200 0191**

### FS 511 C-EM

51.6 cm<sup>3</sup> • 2.4 kW / 3.3 hp • 10.2 kg<sup>Ⓞ</sup>



For professional applications in landscape maintenance. STIHL 4-point anti-vibration system, STIHL ErgoStart. Ergonomic bike handle with new extremely ergonomic ADVANCE Grip single-handed multi-function handle with comfortable gripping surfaces and thumb rest for low-fatigue flexible work, with tool-free handle adjustment, STIHL 2-MIX engine, STIHL M-Tronic, straightforward start logic, stop button, with ADVANCE forestry harness.



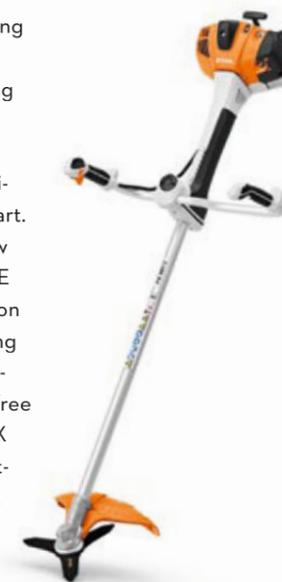
Order number **4148 200 0173**

### FS 561 C-EM

57.1 cm<sup>3</sup> • 2.8 kW / 3.8 hp • 10.2 kg<sup>Ⓞ</sup>



The most powerful STIHL clearing saw. Cutting circle diameter of 350 mm with brush knife, cutting circle diameter extends to a maximum of 560 mm with line mowing tool, STIHL 4-point anti-vibration system, STIHL ErgoStart. Ergonomic bike handle with new extremely ergonomic ADVANCE Grip single-handed multi-function handle with comfortable gripping surfaces and thumb rest for low-fatigue flexible work, with tool-free handle adjustment. STIHL 2-MIX engine, STIHL M-Tronic, straightforward start logic, stop button. With the ADVANCE X-TREEm forestry harness.



Order number **4148 200 0190**

#### Additional versions:

FS 561 C-EM saws **4148 200 0224**

### FS 3001

25.4 cm<sup>3</sup> • 0.75 kW / 1.0 hp • 5.6 kg<sup>Ⓞ</sup>

Lightweight clearing saw with highly robust engine. With grass-cutting blade, ideal tool for trimming larger areas of grass.



Order number **FB02 011 2300**

## BATTERY BRUSHCUTTERS

- For use in your own garden and landscape maintenance
- Quickly and easily ready for use
- Easy handling thanks to the lithium-ion battery
- For use in noise-sensitive residential areas and around hospitals, cemeteries, schools, etc.

### NEW FSA 30

10.8 V • 0.24 kW<sup>①</sup> • 2.1 kg<sup>②</sup>



The first battery trimmer in the AS-System to make straightforward work of trimming and clearing in outdoor domestic areas. Compact design, replaceable AS 2 lithium-ion battery (28 Wh) with charge-level indicator, telescopic shaft and tool-free loop handle adjustment. Folding spacer bracket, adjustable working angle for mower unit, additional mower head pivotable up to 90° for vertical edging. Switch easily between the PolyCut 3-2 and the optional line mowing head; up to 6 spare blades can be carried directly on the machine.

FSA 30 excluding battery and charger  
Order number **FA10 011 5700**

FSA 30 set with AS 2 and AL 1  
Order number **FA10 011 5710**

FSA 30 set with 2 × AS 2 and AL 1  
Order number **FA10 011 5720**

AS-  
SYSTEM



### FSA 45

18 V • 0.24 kW<sup>①</sup> • 2.3 kg<sup>②</sup>



Compact battery brushcutter to make straightforward work of trimming and clearing in outdoor domestic areas. Integrated lithium-ion battery (36 Wh) with charge-level indicator, shaft and loop handle that can be adjusted without using tools, adjustable mowing unit working angle, including to facilitate vertical edge trimming, easy to change between the PolyCut blade and mowing line without changing the mowing head, spacer bracket. Battery charging time 145 min / 210 min (80% / 100%).

Order number **4512 011 5700**



### FSA 60 R

36 V • 0.65 kW<sup>①</sup> • 3.1 kg<sup>②</sup>



AK-  
SYSTEM  
AK 20

Battery brushcutter in a contemporary design for lawn and lawn edge maintenance. Cutting circle diameter 350 mm. Ergonomic control handle with infinitely variable speed control, loop handle, and sturdy aluminium shaft. Spacer bracket for mowing around obstacles such as trees and shrubs. With AutoCut C 6-2 mowing head. Alternatively, the PolyCut 6-2 mowing head with plastic blades is available as an accessory.

ACCESSORIES:  
**HARNES**



See page 270

FSA 60 R excluding battery and charger  
Order number **FA04 011 5700**

FSA 60 R set with AK 20 and AL 101  
Order number **FA04 011 5740**

FSA 60 R set with 2 × AK 20 and AL 101  
Order number **FA04 200 0002**



### FSA 57

36 V • 0.4 kW<sup>①</sup> • 2.7 kg<sup>②</sup>



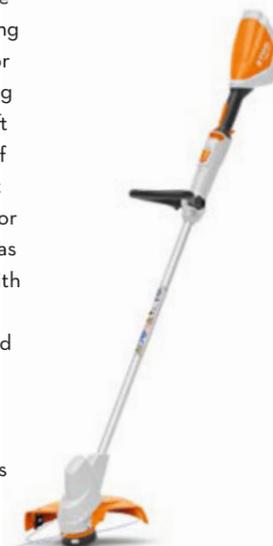
Very lightweight and easy-to-use battery brushcutter for maintaining lawns and lawn edges in outdoor areas around your home. Cutting circle diameter of 280 mm, shaft length adjustable at the press of a button and handle adjustment with no need for tools. Spacer for mowing around obstacles such as trees and shrubs. Soft handle with an optimised usage concept. AutoCut C 3-2 line mowing head that can be refilled from the outside with no tools needed. Alternatively, the PolyCut 3-2 mowing head with plastic blades is available as an accessory.

FSA 57 excluding battery and charger  
Order number **4522 011 5730**

FSA 57 set with AK 10 and AL 101  
Order number **4522 011 5740**

FSA 57 set with 2 × AK 10 and AL 101  
Order number **4522 200 0006**

AK-  
SYSTEM  
AK 10



### NEW

### FSA 80

36 V • 1.0 kW<sup>①</sup> • 4.9 kg<sup>②</sup>



AK-  
SYSTEM  
AK 30

Powerful battery brushcutter in the STIHL AK-System with excellent cutting performance for mowing grass in your garden. Brushless EC motor, speed control and two power settings (Eco and Max), bike handle, tool-free handle adjustment, tool recognition, double shoulder harness for low-fatigue and safe working. With GSB GrassCut 230-2 blade. Wide range of cutting tools available as accessories.

FSA 80 excluding battery and charger  
Order number **FA08 011 5700**

FSA 80 set with AK 30 and AL 101  
Order number **FA08 011 5710**

Additional versions:  
FSA 80 R excluding battery and charger **FA08 011 5720**

FSA 80 R set with AK 30 and AL 101 **FA08 011 5730**



### PROFESSIONAL TIP SOAKING POLY-CUT BLADES

Did you know that PolyCut plastic blades last longer if they are stored in water? The blades absorb some of the moisture, making them less brittle, and this reduces wear on contact with fence posts or hard edges. The same course also applies to our mowing lines. To additionally increase the service life of PolyCut blades, simply turn them over as soon as one side is worn, and then keep mowing with the side that is not worn.



### THE RIGHT POLY-CUT MOWING HEADS

SEE FROM PAGE 282

R = Loop handle

① Further comparison values for petrol-driven brushcutters are available on page 276

② Weight excluding battery and cutting tool

③ Weight including battery

④ Weight excluding battery, including cutting tool and guard

⑤ For explanation of symbols, see page 482





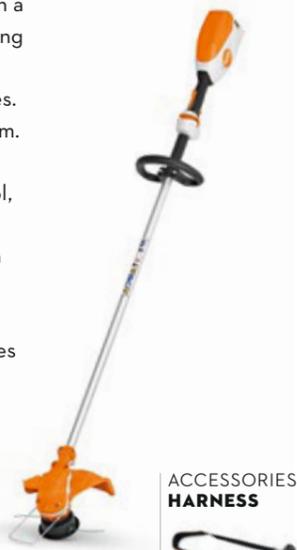
PAGE 272

**NEW  
ADVANCE X-FLEX MODULAR  
HARNES SYSTEM**

The new ADVANCE X-Flex modular harness system facilitates the work of professionals using brushcutters and clearing saws thanks to the combination of hip belt and FS harness.

**FSA 86 R**36 V • 0.65 kW<sup>①</sup> •  
3.2 kg<sup>②</sup>

Powerful battery brushcutter in a contemporary design for mowing along the side of obstacles, as well as around trees and bushes. Cutting circle diameter 350 mm. Ergonomic control handle with infinitely variable speed control, loop handle, sturdy aluminium shaft, and spacer bracket. With AutoCut C 6-2 mowing head. Alternatively, the PolyCut 6-2 mowing head with plastic blades is available as an accessory.

ACCESSORIES:  
**HARNES**

See page 270

**FSA 86 R** excluding battery and charger  
Order number **FA05 011 5700**

**NEW****FSA 120**36 V • 1.0 kW<sup>①</sup> •  
5.2 kg<sup>②</sup>

Powerful battery brushcutter with excellent cutting performance for mowing tough grass. Brushless EC motor, speed control and two power settings (Eco and Max), optimal balance, tool recognition, ergonomic bike handle, tool-free height adjustment. With GSB GrassCut 230-2 blade. Wide range of cutting tools available as accessories.



**FSA 120** excluding battery and charger  
Order number **FA08 200 0000**

**Additional versions:**  
**FSA 120 R** excluding battery and charger **FA08 200 0005**

**NEW****FSA 200**36 V • 2.0 kW<sup>①</sup> •  
5.7 kg<sup>②</sup>

The most powerful battery brushcutter from STIHL for professional applications in noise-sensitive areas. For mowing grass and scrub. Extended mowing diameter up to 450 mm (line mowing tool). Single-handed multifunction handle with speed control, LED display, professional antivibration system for low levels of vibration interference, ergonomic bike handle, tool-free adjustment. Double shoulder harness, metal air filter for long service life with AutoCut C 26-2 mowing head. Wide range of cutting tools available as accessories.



**FSA 200** excluding battery and charger  
Order number **FA03 200 0000**

**Additional versions:**  
**FSA 200** with BrushCut 250-3 brush knife,  
excluding battery and charger **FA01 200 0003**

**RGA 140**36 V • 1.2 kW<sup>①</sup> •  
6.4 kg<sup>②</sup>

Powerful battery rotary cutting head for professional mechanical weeding. AP battery slot in the power tool, single-handed multifunction handle with speed control and LED display, ergonomic bike handle, double shoulder harness, air filter for a long service life. The sturdy rotary cutting head allows for effective, low-spin weed and grass removal on various surfaces such as gravel or paving.



**RGA 140** excluding battery and charger  
Order number **FA02 011 8800**

**FSA 135**36 V • 1.2 kW<sup>①</sup> •  
4.9 kg<sup>②</sup>

Robust and powerful battery brushcutter with an AP battery slot in the power tool. For mowing grass and scrub in noise-sensitive environments. Cutting circle diameter 260 mm with grass-cutting blade, max. cutting circle diameter 420 mm with line mowing tool. Single-handed multifunction handle with speed control and LED display, ergonomic bike handle, double shoulder harness, air filter for a long service life. Versatile use due to wide range of STIHL cutting tools.



**FSA 135** excluding battery and charger  
Order number **FA01 200 0001**

**Additional versions:**  
**FSA 135 R** excluding battery and charger **FA01 200 0003**

R = Loop handle  
① Further comparison values for petrol-driven brushcutters are available on page 278  
② Weight excluding battery, including cutting tool and guard  
③ Weight excluding battery, cutting tool and guard

④ Weight excluding battery, including blade and guard  
⑤ For explanation of symbols, see page 482  
⑥ For explanation of quality marks, see page 491



## ELECTRIC BRUSHCUTTERS

- Light and comfortable handling
- For use in the garden and areas close to your home
- For use in noise-sensitive residential areas and around hospitals, cemeteries, schools, etc.
- Especially well-suited to mowing around stones, plants, flower pots and lawn edges



### FSE 31

230 V • 245 W • 2.2 kg<sup>①</sup>

For trimming and clearing jobs. Round handle, tool-free handle adjustment, pivoting mowing head.



Order number 4815 011 4100

### FSE 52

230 V • 500 W • 2.2 kg<sup>①</sup>

For trimming and clearing jobs in the garden. Telescopic, round handle, tool-free handle adjustment, spacer bracket, angle-adjustable gearhead.



Order number 4816 011 4100

### FSE 60

230 V • 540 W • 3.9 kg<sup>①</sup>

For trimming, clearing and small mowing jobs. Round handle, automatic readjustment of mowing line when the mowing head is tapped on the ground.



Order number 4809 011 4122

<sup>①</sup> Weight excluding cable, including cutting tool and guard

### FSE 71

230 V • 540 W • 4.0 kg<sup>①</sup>

For trimming, clearing and small mowing jobs. Control handle with softgrip, loop handle, overload protection, automatic readjustment of mowing line when the mowing head is tapped on the ground.



Order number 4809 011 4123

### FSE 81

230 V • 1,000 W • 4.7 kg<sup>①</sup>

Ideal for mowing smaller areas of uncontrolled growth. Control handle with softgrip, loop handle, electronic overload protection, support wheel, mowing line automatically readjusts when the mowing head is tapped on the ground.



Order number 4809 011 4124



## PETROL-DRIVEN BACKPACK BRUSHCUTTERS

- For efficient and flexible mowing on steep embankments and slopes
- Ideal for vineyards, orchards and mountain meadows
- Comfortable carrying system
- Flexible shaft



### FR 131 T

36.3 cm<sup>3</sup> • 1.4 kW / 1.9 hp • 9.6 kg<sup>Ⓞ</sup>

An all-purpose tool for mowing work in areas that are difficult to access. Simplified start-up sequence for effortless starting, detachable shaft for space-saving transport, single-handed multi-function handle, loop handle with barrier bar, STIHL 4-MIX<sup>®</sup> engine with larger tank for longer runtime, stop button. Can be combined with HL-KM, HT-KM, FH-KM, BG-KM, BF-KM, FCB-KM and FCS-KM.

Order number **4180 200 0598**



### FR 220

35.2 cm<sup>3</sup> • 1.7 kW / 2.3 hp • 10.7 kg<sup>Ⓞ</sup>

For effortless work on inclines. Ideally suited to various mowing tasks with metal tools and line mowing heads. Single-handed multi-function handle, loop handle with barrier bar, padded carrying system.

Order number **4119 200 0062**



### PROFESSIONAL TIP

Did you know? The FR 131 T and FR 230 T backpack brushcutters are ideal for more than just mowing work. When combined with HL-KM, HT-KM, FH-KM, BF-KM, and FCB-KM KombiTools, the power tools can also be used for trimming hedges, as pole pruners, for cutting scrub, ground cultivation, edge trimming, and as blowers.

➔ **More detailed information on possible combinations can be found in the KombiSystem and MultiSystem section from page 166.**

C = Comfort version  
E = STIHL ErgoStart  
T = Detachable shaft

Ⓞ Weight excluding fuel, cutting tool and guard



### FR 230

40.2 cm<sup>3</sup> • 1.55 kW / 2.1 hp • 10.1 kg<sup>Ⓞ</sup>

For mowing work in areas that are difficult to access. Great for mowing tasks, with metal tools and a nylon mowing head. Multi-function handle, loop handle, padded carrying system. New with cruise control function for very comfortable working.

Order number **4151 200 0042**



### FR 410 C-E

41.6 cm<sup>3</sup> • 2.0 kW / 2.7 hp • 10.7 kg<sup>Ⓞ</sup>

For mowing jobs in areas that are difficult to access. STIHL ErgoStart, STIHL anti-vibration system, single-handed multi-function handle, loop handle with barrier bar, STIHL 2-MIX engine, stop button, tool bag.

Order number **4147 200 0362**



### FR 235

36.3 cm<sup>3</sup> • 1.55 kW / 2.1 hp • 10.3 kg<sup>Ⓞ</sup>

Outstanding mowing power. For mowing and harvesting grass and scrub. Sturdy and equipped with characteristically high output. STIHL 1-point anti-vibration system, automatic decompression, STIHL 2-MIX engine, single-handed multi-function handle, loop handle with barrier bar.

Order number **4151 200 0016**



### FR 450

44.3 cm<sup>3</sup> • 2.1 kW / 2.9 hp • 10.8 kg<sup>Ⓞ</sup>

Excellent for mowing sloping ground and difficult terrain. STIHL anti-vibration system, STIHL ElastoStart, multi-function handle, loop handle, very high output and low weight.

Order number **4128 207 0011**



**FR 460 TC-EM**45.6 cm<sup>3</sup> • 2.2 kW / 3.0 hp • 10.9 kg<sup>Ⓞ</sup>

For mowing jobs that require moving from place to place over large and hard-to-access areas. STIHL anti-vibration system, STIHL ErgoStart, single-handed multi-function handle, loop handle with barrier bar, STIHL 2-MIX engine, STIHL M-Tronic, stop button, tool bag, detachable shaft.

Order number **4147 200 0364**START THE TOOL WITH  
THE PUSH OF A BUTTON**FR 480 C-F**48.7 cm<sup>3</sup> • 2.2 kW / 3.0 hp • 11.8 kg<sup>Ⓞ</sup>

For mowing jobs that require moving from place to place over large and hard-to-access areas. STIHL anti-vibration system, STIHL ElectroStart, multi-function handle, loop handle, charger included as standard.

Order number **4128 200 0135****Additional versions:****FR 480** excluding battery and charger **4128 200 0133**START THE TOOL WITH  
THE PUSH OF A BUTTON**FR 460 TC-EFM**45.6 cm<sup>3</sup> • 2.2 kW / 3.0 hp • 11.6 kg<sup>Ⓞ</sup>

Fitted with STIHL ElectroStart as standard to enable comfortable restarting of the tool without taking it off your back, just by pressing a button. Additional pull starter with STIHL ErgoStart for starting at temperatures below 0°C. STIHL anti-vibration system, single-handed multi-function handle, loop handle with barrier bar, STIHL 2-MIX engine, STIHL M-Tronic, stop button, tool bag, detachable shaft.

Order number **4147 200 0372**START THE TOOL WITH  
THE PUSH OF A BUTTON**FR 3001**30.5 cm<sup>3</sup> • 0.81 kW / 1.1 hp • 9.4 kg<sup>Ⓞ</sup>

For mowing work in areas that are difficult to access. Ideally suited to mowing work with metal tools and line mowing heads. Single-handed multi-function handle, loop handle with barrier bar, padded carrying system.

Order number **4145 011 3301**

## ACCESSORIES AND PARTS FOR BRUSHCUTTERS AND CLEARING SAWS

- Accessories for greater working comfort and improved protection
- Harnesses, hand guards, tool attachments, protective covers



### SERVICE KITS

Tackle your own straightforward maintenance work with the Service Kits for STIHL petrol-driven power tools: each kit includes a spark plug, fuel filter, and paper or fleece air filter. With proactive, regular standard maintenance, you can protect your power tool against dirt and damage while also increasing its service life. The only additional maintenance implement you need is the combination socket tool supplied with your STIHL power tool.

**Service Kit 20** for FS 160, FS 180, FS 220  
Order number **4119 007 4100**

**Service Kit 22** for HT 75 (machine number < 364897233), BG 75, FC 75, FC 85, FH 75, FR 85, FS 75, FS 80 (machine number < 364851143), FS 85 (machine number < 364859627), HL 75, KA 85 (machine number < 364875727), KM 85 (machine number < 364708793) and PC 75 (machine number < 364733648)  
Order number **4137 007 4100**

**Service Kit 23** for FS 80 (machine number < 364937398), FS 85 (machine number < 364969370), HT 75 (machine number < 365049661), KA 85 (machine number < 365049661), FR 85, FS 75, FS 80 (machine number < 364938518), KM 85 (machine number < 364940383), PC 70 and PC 75 (machine number < 366055274)  
Order number **4137 007 4101**

**Service Kit 24** for FS 38, FS 55  
Order number **4140 007 4100**

**Service Kit 26** for FS 40, FS 50, FS 56, FS 70, KM 56  
Order number **4144 007 4100**

**Service Kit 29** for FS 87, FS 90, FS 100, FT 100, HL 90, HL 95, HL 100, HT 100, HT 101, KM 90, KM 100  
Order number **4180 007 4101**

**Service Kit 30** for FS 89, FS 91, FS 111, KM 111  
Order number **4180 007 4102**

**Service Kit 31** for FS 131, FS 311, FR 131, KM 131, BT 131  
Order number **4180 007 4103**

**Service Kit 41** for FR 410, FR 460, FS 240, FS 261, FS 361, FS 410, FS 411, FS 461  
Order number **4147 007 4102**

**Service Kit 44** for FS 490, FS 491, FS 561  
Order number **4148 007 4100**

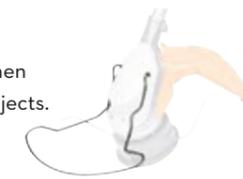
**Service Kit 47** for FS 38 (with STIHL 2-MIX engine), FS 55 (with STIHL 2-MIX engine)  
Order number **4140 007 4103**

**Service Kit 48** for FS 23, FS 24, FS 25, FS 26, FS 94, HL 91, HL 94  
Order number **4149 007 4102**



### BRACKET

Practical spacer bracket for use when mowing around trees and other objects.



For FSA 56 and FSE 52  
Order number **4816 713 3400**

For FSA 65  
Order number **4852 713 3400**

For FSA 85  
Order number **4852 713 3401**

For FSA 90 R, FSA 90  
Order number **4863 713 3400**

### HAND GUARD FOR SREDDING APPLICATIONS

Practical hand guard. Not suitable for K versions.



For FS 260, FS 261, FS 311, FS 360, FS 361, FS 410, FS 460, FS 461, FS 490, FS 491, FS 510, FS 560 and FS 561  
Order number **4147 790 9102**

### NEW ADVANCE GRIP CONTROL HANDLE

Extremely ergonomic control handle for flexible work with STIHL brushcutters. Three possible hand positions for low-fatigue work in a range of tasks. With comfortable thumb rest. Mix of hard and soft material with comfortable gripping surfaces for a pleasant feel, ease-of-use, and secure grip.



For bike handles  
Order number **4147 790 4911-A**

For saw handlebars  
Order number **4147 790 4909-A**

### RG ROTARY CUTTING HEAD



For effective removal of weeds and grass from various surfaces such as gravel and paved areas. Enables low-spin mowing, for example along roads and around traffic islands. Complete functionality in the attachment gearbox. Powerful cut, does not tend to become blocked with cuttings, easy and quick blade change.



For FS 91, FS 94 C-E, FS 94 RC-E, FS 111, FS 131, FSA 130, FSA 130 R, FSA 135, FSA 135 R and FSA 200  
Order number **4180 740 5101**

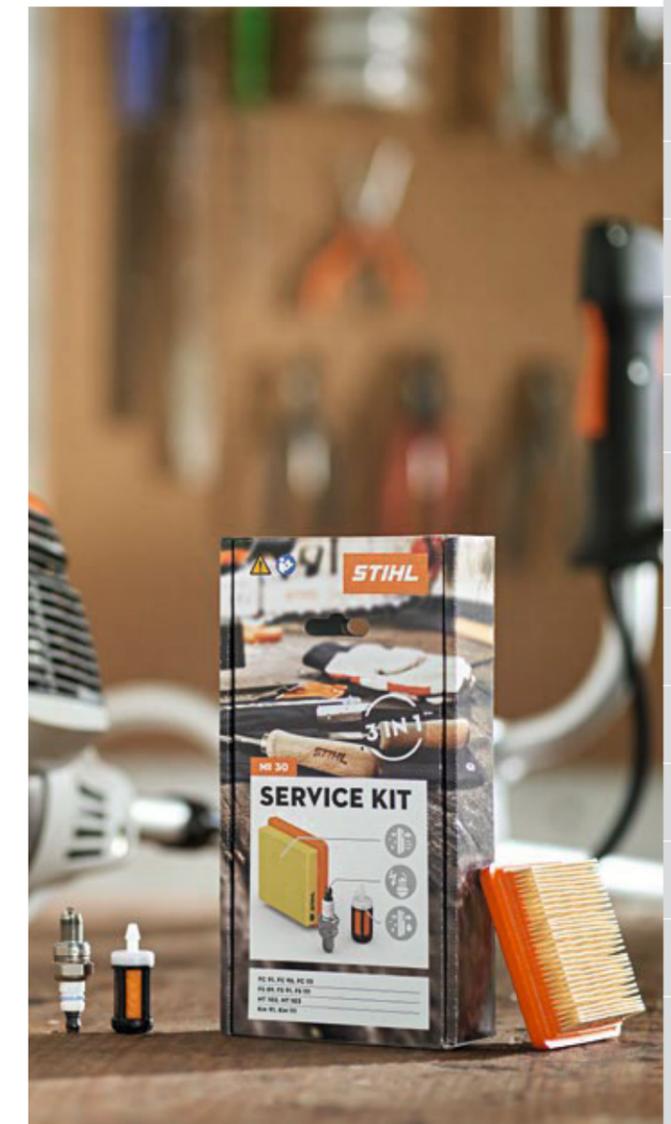
### ACCESSORIES: MAINTENANCE SET FOR RG

Includes two replacement blades and one rider plate.



Order number **4180 007 4100**

① For explanation of quality marks, see page 491



**HARNESS**

For a high level of user comfort.



Includes clip-on fastening attachment, for FSA 60 R, FSA 65, FSA 85, FSA 86 R, FSA 90 R, HLA 56 and HLA 66  
Order number **4852 007 1000**



**BASIC HARNESS**

Included as standard with most STIHL brushcutters. For less tiring and safer work.

For FS 38, FS 40, FS 50, HL and HT  
Order number **4130 710 9000**



**CHEST BELT**

Ensures the shoulder straps are securely positioned.

For all universal harnesses in the ADVANCE range.  
Order number **0000 790 7700**

**HARNESSES**



DOUBLE SHOULDER HARNESS	UNIVERSAL HARNESSES					FORESTRY HARNESSES			
	ADVANCE	ADVANCE XXL	ADVANCE PLUS	ADVANCE PLUS light orange		ADVANCE	ADVANCE XXL	ADVANCE PLUS	ADVANCE X-TREEem
	For strength-saving mowing and clearing. Ergonomic, comfortable, light, can be combined with the chest belt and tool bag.					The free-hanging leg protection facilitates very easy movement. Ergonomic circular saw blades for forestry applications, very light, can be combined with the tool bag.			
Features and equipment	With soft padding	Standard size	XXL version for heights > 1.80 m	With comfort hook	Large sections of high-visibility orange, with reflective strips and comfort hook	Standard size	XXL version for heights > 1.80 m	With comfort hook	Length-adjustable back section <sup>Ⓞ</sup> to distribute the load between hip and shoulder
Chest circumference (cm)	99 - 145	99 - 140	99 - 150	99 - 140	99 - 140	99 - 144	99 - 155	99 - 144	99 - 155
Waist circumference (cm)	-	95 - 144	95 - 155	95 - 144	95 - 144	90 - 135	100 - 150	90 - 135	95 - 160
Back length (cm)	-	56	63	56	56	56	61	56	52 - 64
Suitable for power tool	FS 55 - FS 561, FSA 90, FSA 130, FSA 135, RGA 140	FS 50 - FS 561, FSA 90, FSA 130, FSA 135, RGA 140	FS 50 - FS 561, FSA 90, FSA 130, FSA 135, RGA 140	FS 50 - FS 561, FSA 90, FSA 130, FSA 135, RGA 140	FS 50 - FS 561, FSA 90, FSA 130, FSA 135, RGA 140	FS 91 - FS 561	FS 91 - FS 561	FS 91 - FS 561	FS 89 - FS 561, FSA 90, FSA 135, RGA 140
<b>Order number</b>	<b>4119 710 9001</b>	<b>4147 710 9002</b>	<b>4147 710 9004</b>	<b>4147 710 9014</b>	<b>0000 710 9000</b>	<b>4147 710 9003</b>	<b>4147 710 9009</b>	<b>4147 710 9015</b>	<b>0000 710 9001</b>

Ⓞ The back section of the ADVANCE X-TREEem is compatible with the ADVANCE X-Flex hip belt, see page 272



**ADVANCE TOOL BAG**

For conveniently transporting tools. With two sections.

For all universal and forestry harnesses in the ADVANCE series  
Order number **4147 881 5700**



**SUPPORT CUSHION SET**

Support cushion with harness adapter for securing the support cushion to the battery belt with harness, on the AP or AR L carrying system. Not suitable for combination with the modular harness system.

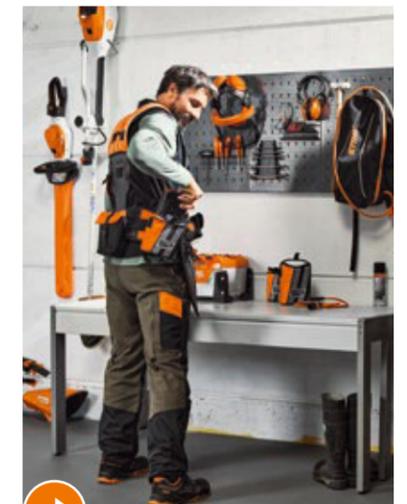
For BGA 100, KMA 135 R, FSA 120, FSA 120 R, FSA 200 R, FSA 200, FSA 135, FSA 135 R and RGA 140  
Order number **0000 007 1045**



**SUPPORT CUSHION WITH COMFORT HOOK**

For retrofitting to all FS harnesses in the ADVANCE series without comfort carry rings.

Order number **4147 740 2502**



PAGE **272**

**NEW ADVANCE X-FLEX MODULAR HARNESS SYSTEM**

The new ADVANCE X-Flex modular harness system facilitates the work of professionals using brushcutters and clearing saws thanks to the combination of hip belt and FS harness.



# ADVANCE X-FLEX MODULAR HARNESS SYSTEM



## WORK IN COMFORT WITH BRUSHCUTTERS AND CLEARING SAWS

The combination of hip belt and FS harness of the ADVANCE X-Flex modular harness system makes work easier for professionals working with brushcutters and clearing saws thanks to a series of useful features: elastic back panel which adjusts to accommodate movement, support cushions with comfort hooks, side cushion for weight compensation with clearing saws, height-adjustable chest buckle, padding at heavily loaded points, reflective strips for good visibility. In addition, a range of pockets and holsters can be attached to the hip belt as well as the FS carrying system so that the required equipment can be stowed safely and within easy reach.

### NEW

AVAILABLE FROM SPRING 2024

#### ADVANCE X-FLEX FS HARNESS

Shoulder harness with high-visibility orange sections and reflective strips for good visibility, support cushion with comfort hook for clipping onto the clearing saw and side cushion for weight compensation with clearing saws. Flexible adjustable back panel.

Can only be used in combination with the ADVANCE X-Flex hip belt.

Size	Height	Order number
S	< 170 cm	0000 790 4401
M-L	> 170 cm	0000 790 4402



### NEW

AVAILABLE FROM SPRING 2024

#### ADVANCE X-FLEX HIP BELT

Padded hip harness with suspension eyelets for shoulder harness and FS harness. With an attachment bar for securing pockets and holders using the STIHL clip system. Robust clasp housing made from aluminium. Stomach padding as an accessory for even more comfortable wear.

Size	Waist circumference	Order number
S	78 - 127 cm	0000 710 9102
M	89 - 143 cm	0000 710 9103
L	98 - 177 cm	0000 710 9104



### NEW

AVAILABLE FROM SPRING 2024

#### ADVANCE X-FLEX FS SET

Set consists of from ADVANCE X-Flex hip belt (size M) and ADVANCE X-Flex FS harness (size M-L).

Included in the set:		ADVANCE X-Flex FS harness	
ADVANCE X-Flex hip belt	Size	Size	Height
M	89 - 143 cm	M-L	> 170 cm

Order number 0000 007 4802



## ADVANCE X-FLEX POCKETS AND HOLDERS

Add practical pockets and holders to your harness system. These can be easily fastened to and unfastened from the harnesses using the STIHL clip system.

### NEW BATTERY BAG



Order number 0000 491 0300

### NEW BATTERY BAG WITH CONNECTING CABLE<sup>2</sup>



Order number 0000 440 5100

### NEW CABLE GUIDE



Order number 0000 491 1000

### NEW UNIVERSAL POCKET



Order number 0000 882 6100

### NEW SMARTPHONE POCKET



Order number 0000 882 6700

### NEW RADIO POCKET



Order number 0000 882 6600

### NEW STOMACH PADDING



1 pair  
Order number 0000 490 1800

➔ More information is available on page 468



### NEW INNOVATIVE STIHL CLIP SYSTEM

All pockets and holders in the ADVANCE X-Flex modular harness system can be easily and quickly attached to the harnesses thanks to the innovative STIHL-developed clip system, which uses metal clips. The pockets and holders come with the clips already equipped, though they can also be bought individually online. So you can even equip them to other pockets you already have, and clip them onto a harness or belt.

2 units  
Order number 0000 740 8800

<sup>1</sup> demopark silver medal - new products for 2023

<sup>2</sup> The maximum output is limited for some power tools when used with an AR battery with connecting cable or an AP battery in a holster. Battery life remains unchanged.



Order number	Displacement (cm <sup>3</sup> )	Power output (kW / hp)	Weight <sup>①</sup> (kg)	Sound pressure level <sup>②</sup> (dB(A))	Sound power level <sup>③</sup> (dB(A))	Vibration level, left / right <sup>④</sup> (m/s <sup>2</sup> )	STIHL engine (2-MIX / 4-MIX <sup>®</sup> )	Total length without cutting tool (cm)	Cutting circle diameter (mm)	Standard cutting tool	Tank volume (l)	Drive shaft in shaft	STIHL anti-vibration system	STIHL ErgoStart	Automatic decompression	One-handed multi-function handle	Loop handle / Ergonomic bike handle / loop handle	ADVANCE Grip control handle	Tool-free handle adjustment	Mowing / shredding / sawing jobs	Basic harness	Harness	Double shoulder harness	ADVANCE / ADVANCE PLUS / ADVANCE PLUS bright orange universal harness	ADVANCE / ADVANCE PLUS / ADVANCE X-TREEm forestry harness	Carrying system
<b>PETROL-DRIVEN BRUSHCUTTERS FOR TRIMMING GRASS</b>																										
<b>FS 38</b>	4140 012 2353	27.2	0.65 / 0.9	4.2	94	105	8.0 / 8.0	2-MIX	147	380																
<b>FS 40</b>	4144 011 2309	27.2	0.7 / 1.0	4.4	94	104	7.0 / 6.4	2-MIX	145	380																
<b>FS 50</b>	4144 011 2314	27.2	0.8 / 1.1	4.4	93	105	6.0 / 5.7	2-MIX	145	420																
<b>FS 50 C-E</b>	4144 011 2315	27.2	0.8 / 1.1	4.5	93	105	6.0 / 5.7	2-MIX	145	420																
<b>FS 55 R</b>	4140 200 0529	27.2	0.75 / 1.0	4.4	96	106	8.5 / 8.5	2-MIX	170	420																
<b>FS 55</b>	4140 200 0522	27.2	0.75 / 1.0	4.9	96	106	6.8 / 5.6	2-MIX	170	230																
<b>PETROL-DRIVEN BRUSHCUTTERS FOR GARDEN MAINTENANCE</b>																										
<b>FS 56 R</b>	4144 200 0096	27.2	0.8 / 1.1	4.7	94	104	6.6 / 6.6	2-MIX	170	230																
<b>FS 56</b>	4144 200 0036	27.2	0.8 / 1.1	5.1	94	104	5.5 / 5.5	2-MIX	170	230																
<b>FS 56 C-E</b>	4144 200 0095	27.2	0.8 / 1.1	5.2	94	104	5.5 / 5.5	2-MIX	170	230																
<b>FS 70 RC-E</b>	4144 200 0105	27.2	0.9 / 1.2	4.8	94	104	6.6 / 6.6	2-MIX	170	230																
<b>FS 70 C-E</b>	4144 200 0076	27.2	0.9 / 1.2	5.4	94	104	6.6 / 6.6	2-MIX	170	230																
<b>FS 85</b>	4137 200 0130	25.4	0.95 / 1.3	5.2	94	109	2.9 / 62.6	2-MIX	170	420																
<b>FS 89</b>	4180 200 0540	28.4	0.95 / 1.3	5.8	94	104	4.1 / 3.2	4-MIX <sup>®</sup>	180	230																
<b>FS 160</b>	4119 200 0019	29.8	1.4 / 1.9	7.4	96	111	3.5 / 3.5	2-MIX <sup>®</sup>	180	300																
<b>PETROL-DRIVEN BRUSHCUTTERS FOR LANDSCAPE MAINTENANCE</b>																										
<b>FS 91</b>	4180 200 0547	28.4	0.95 / 1.3	5.8	95	104	3.2 / 2.5	4-MIX <sup>®</sup>	180	230																
<b>FS 94 RC-E</b>	4149 200 0081	24.1	0.9 / 1.2	4.6	93	105	5.5 / 5.5	2-MIX	178	230																
<b>FS 94 C-E</b>	4149 200 0076	24.1	0.9 / 1.2	4.9	93	104	4.3 / 3.5	2-MIX	178	230																
<b>FS 111</b>	4180 200 0555	31.4	1.05 / 1.4	5.8	95	104	3.7 / 3.7	4-MIX <sup>®</sup>	180	230																
<b>FS 120</b>	4134 200 0074	30.8	1.3 / 1.8	6.3	98	110	4.9 / 4.2	2-MIX	177	230																
<b>FS 120 R</b>	4134 200 0411	30.8	1.3 / 1.8	6.0	98	110	8.0 / 9.0	2-MIX	177	420																
<b>FS 131</b>	4180 200 0572	36.3	1.4 / 1.9	5.8	97	106	3.7 / 3.4	4-MIX <sup>®</sup>	180	230																
<b>FS 220</b>	4119 200 0016	35.2	1.7 / 2.3	7.7	98	111	3.5 / 3.7	2-MIX	185	305																
<b>FS 230</b>	4151 200 0041	40.2	1.55 / 2.1	7.3	98	112	6.5 / 5.4	2-MIX	182	305																
<b>FS 235</b>	4151 200 0015	36.3	1.55 / 2.1	6.8	99	111	5.1 / 4.1	2-MIX	181	420																
<b>FS 240 C-E</b>	4147 200 0358	37.7	1.7 / 2.3	7.1	99	110	4.7 / 4.0	2-MIX	180	250																
<b>FS 250</b>	4134 200 0090	40.2	1.6 / 2.2	6.3	98	110	5.9 / 3.0	2-MIX	177	230																
<b>FS 261 C-E</b>	4147 200 0593	41.6	2.0 / 2.7	7.8	99	109	5.0 / 5.9	2-MIX	180	300																
<b>FS 280</b>	4119 200 0067	38.9	1.9 / 2.6	7.9	100	112	3.1 / 2.6	2-MIX	185	300																
<b>FS 290</b>	4119 200 0025	38.9	2.0 / 2.7	7.9	100	112	4.1 / 4.7	2-MIX	185	300																

● Fitted as standard  
 ○ Retrofittable (accessory)  
 C = Comfort version  
 E = STIHL ErgoStart  
 R = Loop handle  
 ① Weight excluding fuel, cutting tool and guard  
 ② K-factor in accordance with Directive 2006 / 42 / EC = 2.0 dB(A) with standard tool  
 ③ K-factor in accordance with Directive 2006 / 42 / EC = 2 m/s<sup>2</sup> with standard tool



Order number	Displacement (cm³)	Power output (kW / hp)	Power consumption (kW)	Rated voltage (V)	Weight (kg)	Sound pressure level <sup>Ⓞ</sup> (dB(A))	Sound power level <sup>Ⓞ</sup> (dB(A))	Vibration level, left / right <sup>Ⓞ</sup> (m/s²)	STIHL engine (2-MIX / 4-MIX <sup>®</sup> )	Total length without cutting tool (cm)	Cutting circle diameter (mm)	Standard cutting tool	Tank volume (l)	Drive shaft in shaft	STIHL anti-vibration system	STIHL ErgoStart	STIHL M-Tronic	Automatic decompression	One-handed multi-function handle	Loop handle / Ergonomic bike handle / loop handle	ADVANCE Grip control handle	Tool-free handle adjustment	Mowing / shredding / sawing jobs	Harness	Double shoulder harness	ADVANCE / ADVANCE PLUS / ADVANCE PLUS bright orange universal harness	ADVANCE / ADVANCE PLUS / ADVANCE X-TREE <sup>Em</sup> forestry harness	
<b>PETROL-DRIVEN BRUSHCUTTERS FOR LANDSCAPE MAINTENANCE</b>																												
<b>FS 300</b>	4134 200 0410	30.8	1.3 / 1.8	-	-	7.3 <sup>Ⓞ</sup>	97	111	3.0 / 2.5	2-MIX	177	300	BrushCut 300-3 brush knife	0.64	solid	4-point	-	-	-	●	- / ● / -	-	●	● / ○ / ○	○	●	○ / ○ / ○	○ / ○ / ○
<b>FS 350</b>	4134 200 0399	40.2	1.6 / 2.2	-	-	7.3 <sup>Ⓞ</sup>	98	112	2.8 / 2.5	2-MIX	177	300	BrushCut 300-3 brush knife	0.64	solid	4-point	-	-	-	●	- / ● / -	-	●	● / ○ / ○	○	●	○ / ○ / ○	○ / ○ / ○
<b>FS 351</b>	<b>NEW</b> 4147 012 2312	37.7	1.7 / 2.3	-	-	8.8 <sup>Ⓞ</sup>	101	111	2.3 / 2.6	2-MIX	185	420	AutoCut 46-2 mowing head	0.75	solid	4-point	-	-	●	●	- / ● / -	-	●	● / ○ / ○	-	●	○ / ○ / ○	○ / ○ / ○
<b>FS 380</b>	4134 200 0408	40.2	2.0 / 2.7	-	-	7.3 <sup>Ⓞ</sup>	101	112	2.8 / 2.5	2-MIX	177	300	BrushCut 300-3 brush knife	0.64	solid	4-point	-	-	-	●	- / ● / -	-	●	● / ○ / ○	○	●	○ / ○ / ○	○ / ○ / ○
<b>FS 450</b>	4128 200 0172	44.3	2.1 / 2.9	-	-	8.0 <sup>Ⓞ</sup>	101	100	1.8 / 1.6	2-MIX	177	300	BrushCut 300-3 brush knife	0.67	solid	4-point	-	-	●	●	- / ● / -	-	●	● / ○ / ○	○	●	○ / ○ / ○	○ / ○ / ○
<b>CLEARING SAWS</b>																												
<b>FS 311</b>	4180 200 0595	36.3	1.4 / 1.9	-	-	7.2 <sup>Ⓞ</sup>	98	107	2.9 / 2.9	4-MIX <sup>®</sup>	180	300	BrushCut 300-3 brush knife	0.71	solid	4-point	-	-	●	●	- / ● / -	-	●	● / ○ / ○	-	○	○ / ● / ○	○ / ○ / ○
<b>FS 361 C-EM</b>	4147 200 0605	37.7	1.7 / 2.3	-	-	8.6 <sup>Ⓞ</sup>	100	110	2.6 / 2.7	2-MIX	179	300	BrushCut 300-3 brush knife	0.75	solid	4-point	●	●	-	●	- / ● / -	●	●	● / ○ / ○	-	○	○ / ● / ○	○ / ○ / ○
<b>FS 410 C-EM K saws</b>	4147 012 2327	41.6	2.0 / 2.7	-	-	8.4 <sup>Ⓞ</sup>	100	109	2.4 / 2.0	2-MIX	167	200	WoodCut 200-22 saw blade	0.75	solid	4-point	●	●	-	●	- / ● / -	●	●	- / - / ●	-	○	○ / ○ / ○	○ / ○ / ●
<b>FS 411 C-EM</b>	4147 200 0615	41.6	2.0 / 2.7	-	-	8.7 <sup>Ⓞ</sup>	99	109	2.6 / 2.4	2-MIX	179	300	BrushCut 300-3 brush knife	0.75	solid	4-point	●	●	-	●	- / ● / -	●	●	● / ○ / ○	-	○	○ / ● / ○	○ / ○ / ○
<b>FS 411 C-EM L</b>	4147 200 0626	41.6	2.0 / 2.7	-	-	8.8 <sup>Ⓞ</sup>	99	109	2.6 / 2.4	2-MIX	185	300	BrushCut 300-3 brush knife	0.75	solid	4-point	●	●	-	●	- / ● / -	●	●	● / ○ / ○	-	○	○ / ● / ○	○ / ○ / ○
<b>FS 460 C-EM</b>	4147 200 0227	45.6	2.2 / 3.0	-	-	8.5 <sup>Ⓞ</sup>	100	113	1.9 / 1.6	2-MIX	179	300	BrushCut 300-3 brush knife	0.75	solid	4-point	●	●	-	●	- / ● / -	-	●	● / ○ / ○	-	○	○ / ○ / ●	○ / ○ / ○
<b>FS 460 C-EM L</b>	4147 200 0100	45.6	2.2 / 3.0	-	-	8.6 <sup>Ⓞ</sup>	100	113	1.9 / 1.6	2-MIX	185	300	BrushCut 300-3 brush knife	0.75	solid	4-point	●	●	-	●	- / ● / -	-	●	● / ○ / ○	-	○	○ / ● / ○	○ / ○ / ○
<b>FS 461 C-EM</b>	4147 200 0568	45.6	2.2 / 3.0	-	-	8.7 <sup>Ⓞ</sup>	101	110	2.4 / 2.3	2-MIX	179	300	BrushCut 300-3 brush knife	0.75	solid	4-point	●	●	-	●	- / ● / -	●	●	● / ○ / ○	-	○	○ / ○ / ○	○ / ○ / ●
<b>FS 461 C-EM L</b>	<b>NEW</b> 4147 200 0571	45.6	2.2 / 3.0	-	-	8.8 <sup>Ⓞ</sup>	101	110	2.4 / 2.3	2-MIX	185	300	BrushCut 300-3 brush knife	0.75	solid	4-point	●	●	-	●	- / ● / -	●	●	● / ○ / ○	-	○	○ / ● / ○	○ / ○ / ○
<b>FS 490 C-EM K saws</b>	4148 200 0230	51.6	2.4 / 3.3	-	-	9.2 <sup>Ⓞ</sup>	102	115	3.2 / 2.6	2-MIX	168	225	WoodCut 225-24 saw blade	0.99	solid	4-point	●	●	-	●	- / ● / -	●	●	- / - / ●	-	○	○ / ○ / ○	○ / ○ / ●
<b>FS 490 C-EM KW saws</b>	4148 200 0158	51.6	2.4 / 3.3	-	-	9.4 <sup>Ⓞ</sup>	102	113	2.8 / 2.8	2-MIX	168	225	WoodCut 225-24 saw blade	0.99	solid	4-point	●	●	-	●	- / ● / -	-	●	- / - / ●	-	○	○ / ○ / ○	○ / ○ / ●
<b>FS 490 C-EM L saws</b>	4180 200 0040	51.6	2.4 / 3.3	-	-	9.4 <sup>Ⓞ</sup>	102	116	2.8 / 2.8	2-MIX	185	300	BrushCut 300-3 brush knife	0.99	solid	4-point	●	●	-	●	- / ● / -	●	●	● / ○ / ○	-	○	○ / ● / ○	○ / ○ / ○
<b>FS 491 C-EM</b>	4148 200 0189	51.6	2.4 / 3.3	-	-	9.3 <sup>Ⓞ</sup>	101	112	3.4 / 2.8	2-MIX	179	300	BrushCut 300-3 brush knife	0.99	solid	4-point	●	●	-	●	- / ● / -	●	●	● / ○ / ○	-	○	○ / ○ / ○	○ / ○ / ●
<b>FS 491 C-EM L</b>	4148 200 0191	51.6	2.4 / 3.3	-	-	9.4 <sup>Ⓞ</sup>	101	112	3.4 / 2.8	2-MIX	185	300	BrushCut 300-3 brush knife	0.99	solid	4-point	●	●	-	●	- / ● / -	●	●	● / ○ / ○	-	○	○ / ● / ○	○ / ○ / ○
<b>FS 511 C-EM</b>	4148 200 0173	51.6	2.4 / 3.3	-	-	10.2 <sup>Ⓞ</sup>	101	114	3.0 / 3.0	2-MIX	176	350	Brush knife 350-3	0.99	solid	4-point	●	●	-	●	- / ● / -	●	●	● / ○ / ○	-	○	○ / ○ / ○	● / ○ / ○
<b>FS 561 C-EM</b>	4148 200 0190	57.1	2.8 / 3.8	-	-	10.2 <sup>Ⓞ</sup>	102	112	3.3 / 3.3	2-MIX	176	350	Brush knife 350-3	0.99	solid	4-point	●	●	-	●	- / ● / -	●	●	● / ○ / ○	-	○	○ / ○ / ○	○ / ○ / ●
<b>FS 561 C-EM saws</b>	4148 200 0224	57.1	2.8 / 3.8	-	-	10.2 <sup>Ⓞ</sup>	102	112	3.3 / 3.3	2-MIX	176	250	WoodCut 250-26 saw blade	0.99	solid	4-point	●	●	-	●	- / ● / -	●	●	○ / ○ / ●	-	○	○ / ○ / ○	○ / ○ / ●
<b>FS 3001</b>	FB02 011 2300	25.4	0.75 / 1.0	-	-	5.6 <sup>Ⓞ</sup>	98	109	3.7 / 3.4	4-MIX <sup>®</sup>	180	230	GrassCut 230-2 blade	0.71	solid	1-point	-	-	●	●	- / ● / -	-	●	● / - / ○	-	●	○ / ○ / ○	○ / ○ / ○
<b>BATTERY BRUSHCUTTERS</b>																												
<b>FSA 30<sup>Ⓞ</sup></b>	<b>NEW</b> FA10 011 5700	-	0.13 <sup>Ⓞ</sup> / -	0.24	10.8	2.1 <sup>Ⓞ</sup>	76	89	1.5 / 1.9	AS-System	116	230	Polycut 3-2 mowing head	-	-	-	-	-	-	- / - / ●	-	●	● / - / -	-	-	- / - / -	- / - / -	
<b>FSA 30 SET<sup>Ⓞ</sup> with AS 2 + AL 1</b>	<b>NEW</b> FA10 011 5710	-	0.13 <sup>Ⓞ</sup> / -	0.24	10.8	2.3 <sup>Ⓞ</sup>	76	89	1.5 / 1.9	AS-System	116	230	Polycut 3-2 mowing head	-	-	-	-	-	-	- / - / ●	-	●	● / - / -	-	-	- / - / -	- / - / -	
<b>FSA 30 SET<sup>Ⓞ</sup> with 2 × AS 2 and AL 1</b>	<b>NEW</b> FA10 011 5720	-	0.13 <sup>Ⓞ</sup> / -	0.24	10.8	2.3 <sup>Ⓞ</sup>	76	89	1.5 / 1.9	AS-System	116	230	Polycut 3-2 mowing head	-	-	-	-	-	-	- / - / ●	-	●	● / - / -	-	-	- / - / -	- / - / -	
<b>FSA 45<sup>Ⓞ</sup></b>	4512 011 5700	-	0.13 <sup>Ⓞ</sup> / -	0.24	18	2.3 <sup>Ⓞ</sup>	77	87	1.7 / 4.9	-	110	≤ 250	PolyCut 2-2 mowing head	-	-	-	-	-	-	- / - / ●	-	●	● / - / -	-	-	- / - / -	- / - / -	
<b>FSA 57<sup>Ⓞ</sup></b>	4522 011 5730	-	0.28 <sup>Ⓞ</sup> / -	0.4	36	2.7 <sup>Ⓞ</sup>	74	89	4.0 / 4.0	AK-System	149	280	AutoCut C 3-2 mowing head	-	-	-	-	-	-	- / - / ●	-	●	● / - / -	-	-	- / - / -	- / - / -	
<b>FSA 57<sup>Ⓞ</sup> SET with AK 10 + AL 101</b>	4522 011 5740	-	0.28 <sup>Ⓞ</sup> / -	0.4	36	3.5 <sup>Ⓞ</sup>	74	89	4.0 / 4.0	AK-System	149	280	AutoCut C 3-2 mowing head	-	-	-	-	-	-	- / - / ●	-	●	● / - / -	-	-	- / - / -	- / - / -	
<b>FSA 57<sup>Ⓞ</sup> SET with 2 × AK 10 + AL 101</b>	4522 200 0006	-	0.28 <sup>Ⓞ</sup> / -	0.4	36	3.5 <sup>Ⓞ</sup>	74	89	4.0 / 4.0	AK-System	149	280	AutoCut C 3-2 mowing head	-	-	-	-	-	-	- / - / ●	-	●	● / - / -	-	-	- / - / -	- / - / -	

● Fitted as standard  
○ Retrofittable (accessory)  
C = Comfort version  
E = STIHL ErgoStart  
K = Short shaft  
L = Long shaft  
M = STIHL M-Tronic  
W = Electrically heated handles  
Ⓞ K-factor in accordance with Directive 2006/42/EC = 2.0 dB(A) with standard tool  
Ⓞ K-factor in accordance with Directive 2006/42/EC = 2 m/s² with standard tool  
Ⓞ Fixed engine speed

Ⓞ Weight excluding fuel, cutting tool and guard  
Ⓞ Weight including battery  
Ⓞ Weight excluding battery, including cutting tool and guard

Ⓞ Weight including battery, excluding charger  
Ⓞ Mechanical output as a comparative value for petrol-driven brushcutters



Order number	Displacement (cm³)	Power output (kW / hp)	Power consumption (kW)	Rated voltage (V)	Weight (kg)	Sound pressure level <sup>Ⓞ</sup> (dB(A))	Sound power level <sup>Ⓞ</sup> (dB(A))	Vibration level, left / right <sup>Ⓞ</sup> (m/s²)	STIHL engine (2-MIX / 4-MIX <sup>Ⓞ</sup> )	Total length without cutting tool (cm)	Cutting circle diameter (mm)	Standard cutting tool	Tank volume (l)	Drive shaft in shaft	STIHL anti-vibration system	STIHL ErgoStart	STIHL ElectroStart	STIHL M-Tronic	Automatic decompression	One-handed multi-function handle	Loop handle / Ergonomic bike handle / loop handle	Tool-free handle adjustment	Mowing / shredding / sawing jobs	Basic harness	Double shoulder harness	ADVANCE / ADVANCE PLUS / ADVANCE PLUS bright orange universal harness	ADVANCE / ADVANCE PLUS / ADVANCE XTREEM forestry harness	Carrying system
<b>BATTERY BRUSHCUTTERS</b>																												
<b>FSA 60 R<sup>Ⓞ</sup></b>	FA04 011 5700	-	0,52 <sup>Ⓞ</sup> / -	0,65	36	3.1 <sup>Ⓞ</sup>	77	91	3.7 / 2.0	AK-System	168	350																
<b>FSA 60 R<sup>Ⓞ</sup> SET</b> with AK 20 + AL 101	FA04 011 5740	-	0,52 <sup>Ⓞ</sup> / -	0,65	36	4.3 <sup>Ⓞ</sup>	77	91	3.7 / 2.0	AK-System	168	350																
<b>FSA 60 R<sup>Ⓞ</sup> SET</b> with 2 × AK 20 + AL 101	FA04 200 0002	-	0,52 <sup>Ⓞ</sup> / -	0,65	36	4.3 <sup>Ⓞ</sup>	77	91	3.7 / 2.0	AK-System	168	350																
<b>FSA 80 R<sup>Ⓞ</sup></b>	<b>NEW</b> FA08 011 5720	-	0,8 <sup>Ⓞ</sup> / -	1,0	36	4.8 <sup>Ⓞ</sup>	81	94	5.2 / 2.9	AK-System	178	380																
<b>FSA 80 R<sup>Ⓞ</sup> SET</b> with AK 30 + AL 101	<b>NEW</b> FA08 011 5730	-	0,8 <sup>Ⓞ</sup> / -	1,0	36	6.1 <sup>Ⓞ</sup>	81	94	5.2 / 2.9	AK-System	178	380																
<b>FSA 80<sup>Ⓞ</sup></b>	<b>NEW</b> FA08 011 5700	-	0,8 <sup>Ⓞ</sup> / -	1,0	36	4.9 <sup>Ⓞ</sup>	81	94	3.2 / 1.9	AK-System	178	230																
<b>FSA 80<sup>Ⓞ</sup> SET</b> with AK 30 + AL 101	<b>NEW</b> FA08 011 5710	-	0,8 <sup>Ⓞ</sup> / -	1,0	36	6.2 <sup>Ⓞ</sup>	81	94	3.2 / 1.9	AK-System	178	230																
<b>FSA 86 R<sup>Ⓞ</sup></b>	FA05 011 5700	-	0,52 <sup>Ⓞ</sup> / -	0,65	36	3.2 <sup>Ⓞ</sup>	77	91	3.7 / 2.0	AP-System	173	350																
<b>FSA 120 R<sup>Ⓞ</sup></b>	<b>NEW</b> FA08 200 0005	-	0,8 <sup>Ⓞ</sup> / -	1,0	36	5.0 <sup>Ⓞ</sup>	81	94	2.6 / 2.3	AP-System	179	380																
<b>FSA 120<sup>Ⓞ</sup></b>	<b>NEW</b> FA08 200 0000	-	0,8 <sup>Ⓞ</sup> / -	1,0	36	5.2 <sup>Ⓞ</sup>	81	94	5.8 / 2.8	AP-System	179	230																
<b>FSA 120<sup>Ⓞ</sup></b>	<b>NEW</b> FA08 200 0018	-	0,8 <sup>Ⓞ</sup> / -	1,0	36	5.0 <sup>Ⓞ</sup>	81	94	5.8 / 2.8	AP-System	179	380																
<b>FSA 135 R<sup>Ⓞ</sup></b>	FA01 200 0003	-	1,0 <sup>Ⓞ</sup> / -	1,2	36	4.3 <sup>Ⓞ</sup>	80	92	3.7 / 1.8	AP-System	183	420																
<b>FSA 135<sup>Ⓞ</sup></b>	FA01 200 0001	-	1,0 <sup>Ⓞ</sup> / -	1,2	36	4.9 <sup>Ⓞ</sup>	81	94	2.1 / 1.8	AP-System	183	260																
<b>FSA 200<sup>Ⓞ</sup></b>	<b>NEW</b> FA03 200 0000	-	1,6 <sup>Ⓞ</sup> / -	2,0	36	5.7 <sup>Ⓞ</sup>	85	106	2.2 / 1.8	AP-System	181	420																
<b>FSA 200<sup>Ⓞ</sup></b>	<b>NEW</b> FA03 200 0003	-	1,6 <sup>Ⓞ</sup> / -	2,0	36	5.7 <sup>Ⓞ</sup>	85	106	2.2 / 1.8	AP-System	181	250																
<b>RGA 140<sup>Ⓞ</sup></b>	FA02 011 8800	-	1,0 <sup>Ⓞ</sup> / -	1,2	36	6.4 <sup>Ⓞ</sup>	81	93	2.3 / 2.4	AP-System	183	230																
<b>ELECTRIC BRUSHCUTTERS</b>																												
<b>FSE 31</b>	4815 011 4100	-	-	-	230	2.2 <sup>Ⓞ</sup>	82	92	1.2 / 1.8	-	110	245																
<b>FSE 52</b>	4816 011 4100	-	-	-	220 - 240	2.2 <sup>Ⓞ</sup>	83	94	3.0 / 4.5	-	131	300																
<b>FSE 60</b>	4809 011 4122	-	-	-	230	3.9 <sup>Ⓞ</sup>	83	94	3.9 / 3.6	-	153	350																
<b>FSE 71</b>	4809 011 4123	-	-	-	230	4.0 <sup>Ⓞ</sup>	82	93	3.3 / 2.9	-	153	350																
<b>FSE 81</b>	4809 011 4124	-	-	-	230	4.7 <sup>Ⓞ</sup>	83	93	2.9 / 2.2	-	153	350																
<b>PETROL-DRIVEN BACKPACK BRUSHCUTTERS</b>																												
<b>FR 131 T</b>	4180 200 0598	36.3	1.4 / 1.9	-	-	9.6 <sup>Ⓞ</sup>	97	110	2.2 / 2.2	4-MIX <sup>Ⓞ</sup>	280	230																
<b>FR 220</b>	4119 200 0062	35.2	1.7 / 2.3	-	-	10.7 <sup>Ⓞ</sup>	98	114	3.7 / 4.0	2-MIX	280	420																
<b>FR 230</b>	4151 200 0042	40.2	1.55 / 2.1	-	-	10.1 <sup>Ⓞ</sup>	101	110	4.2 / 5.5	2-MIX	272	420																
<b>FR 235</b>	4151 200 0016	36.3	1.55 / 2.1	-	-	10.3 <sup>Ⓞ</sup>	99	111	4.9 / 4.9	2-MIX	272	420																
<b>FR 410 C-E</b>	4147 200 0362	41.6	2.0 / 2.7	-	-	10.7 <sup>Ⓞ</sup>	100	108	3.7 / 3.7	2-MIX	280	420																
<b>FR 450</b>	4128 207 0011	44.3	2.1 / 2.9	-	-	10.8 <sup>Ⓞ</sup>	91	111	1.8 / 1.6	-	280	230																
<b>FR 460 TC-EM</b>	4147 200 0364	45.6	2.2 / 3.0	-	-	10.9 <sup>Ⓞ</sup>	100	109	3.6 / 3.3	2-MIX	280	420																
<b>FR 460 TC-EFM</b>	4147 200 0372	45.6	2.2 / 3.0	-	-	11.6 <sup>Ⓞ</sup>	99	112	3.6 / 3.3	2-MIX	280	420																
<b>FR 480 C-F</b>	4128 200 0135	48.7	2.2 / 3.0	-	-	11.8 <sup>Ⓞ</sup>	94	114	2.7 / 3.0	-	280	420																
<b>FR 480</b>	4128 200 0133	48.7	2.2 / 3.0	-	-	10.9 <sup>Ⓞ</sup>	94	114	2.7 / 3.0	-	280	420																
<b>FR 3001</b>	4145 011 3301	30.5	0.84 / 1.1	-	-	9.4 <sup>Ⓞ</sup>	98	114	4.2 / 5.5	-	280	420																

● Fitted as standard  
 ○ Retrofittable (accessory)  
 C = Comfort version  
 E = STIHL ErgoStart  
 F = STIHL Electrostart  
 M = STIHL M-Tronic  
 R = Loop handle  
 T = Detachable shaft  
 Ⓞ K-factor in accordance with Directive 2006/42/EC = 2.0 dB(A) with standard tool  
 Ⓞ K-factor in accordance with Directive 2006/42/EC = 2 m/s² with standard tool  
 Ⓞ Infinitely variable engine speed

Ⓞ Weight excluding fuel, cutting tool and guard  
 Ⓞ Weight excluding battery, including cutting tool and guard  
 Ⓞ Weight including battery, excluding charger

Ⓞ Weight excluding battery, cutting tool and guard  
 Ⓞ Weight excluding battery, including blade and guard  
 Ⓞ Weight excluding cable, including cutting tool and guard  
 Ⓞ Mechanical output as a comparative value for petrol-driven brushcutters



# CUTTING TOOLS AND MOWING LINES

- Wide variety of cutting tools and mowing lines for different applications
- For everything from simple mowing jobs, through to maintaining young stands
- Mowing lines made from wear-resistant and long-lasting flexible material
- Mowing lines with different shapes, cross-sections and diameters



## GRASS AND LIGHT VEGETATION



### GrassCut grass-cutting blade

Made from steel. Available in versions with different numbers of blades and teeth, for mowing tough, dry grass and reeds.



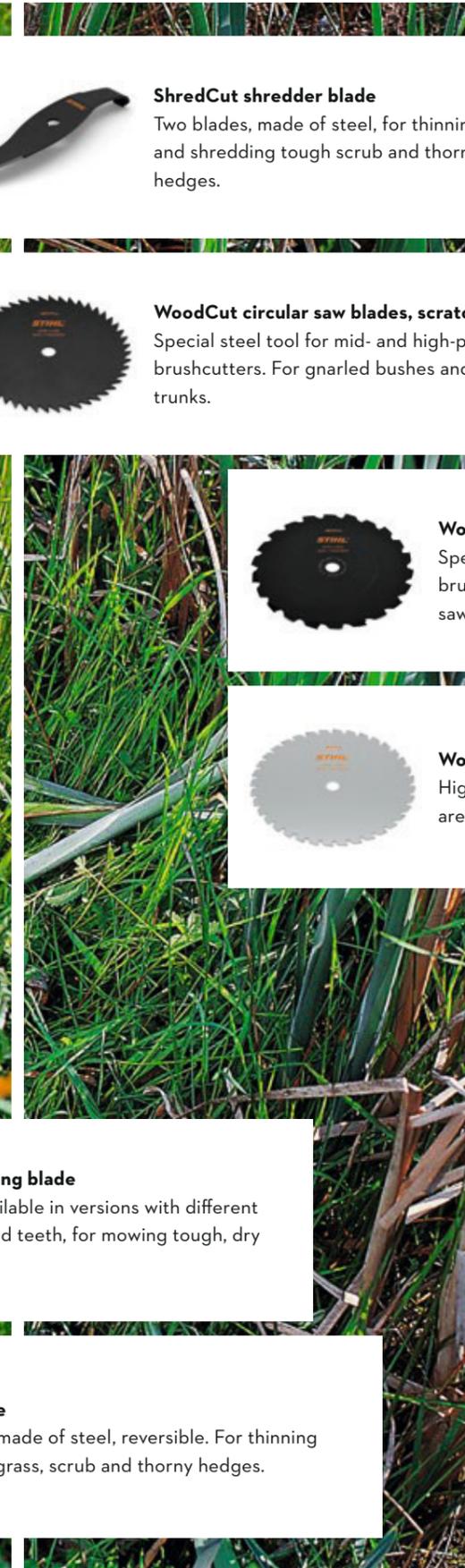
### BrushCut brush knife

Two or three blades, made of steel, reversible. For thinning and removing tough grass, scrub and thorny hedges.

## HEAVY VEGETATION



## REEDS AND BUSHES



### ShredCut shredder blade

Two blades, made of steel, for thinning and shredding tough scrub and thorny hedges.



### WoodCut circular saw blades, scratcher-tooth

Special steel tool for mid- and high-performance brushcutters. For gnarled bushes and thin tree trunks.



### WoodCut circular saw blade, chisel-tooth

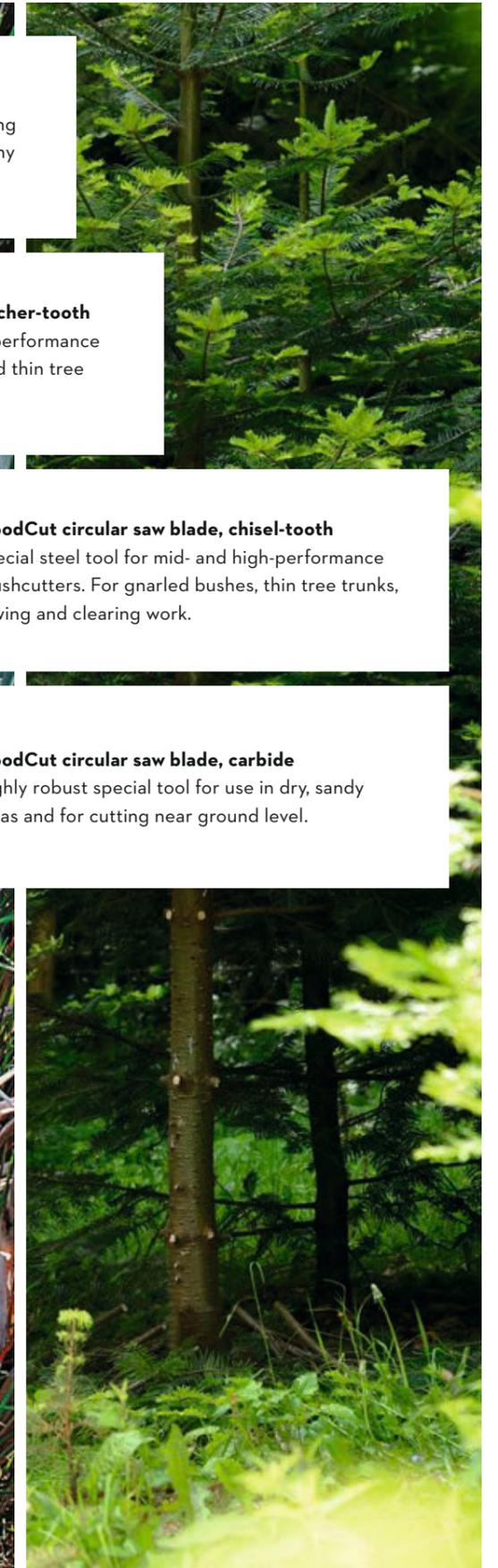
Special steel tool for mid- and high-performance brushcutters. For gnarled bushes, thin tree trunks, sawing and clearing work.



### WoodCut circular saw blade, carbide

Highly robust special tool for use in dry, sandy areas and for cutting near ground level.

## BUSHES AND THIN TREES



Ⓞ Recommended especially for STIHL battery brushcutters to ensure a longer battery life per charge



MOWING HEADS<sup>①</sup>

	Order number	Mowing line diameter <sup>②</sup> (mm)	Recommended Mowing line refill quantity (m)	Shape of the mowing lines	FS 38, FS 40, FS 50, FS 50 C-E, FSB-KM	FS 55 R, FS 55, FS 56 R, FS 56, FS 56 C-E, FS 70 RC-E, FS 70 C-E	FS 89, FS 91, FS 111, FS-KM	FS 94 RC-E, FS 94 C-E	FS 120, FS 120 R, FS 131, FS 235	FS 240 C-E	FS 261 C-E	FS 311	FS 361 C-EM, FS 410 C-EM K, FS 411 C-EM L, FS 411 C-EM	FS 460 C-EM, FS 460 C-EM L, FS 461 C-EM, FS 490 C-EM K, FS 490 C-EM KW, FS 491 C-EM, FS 491 C-EM L	FS 511 C-EM, FS 561 C-EM	FSA 30	FSA 45	FSA 57, FSE 52	FSA 60 R, FSA 86 R	FSA 80, FSA 80 R, FSA 120, FSA 120 R	FSA 135 R, FSA 135, FSA 200 R, FSA 200	FSE 31	FSE 60, FSE 71, FSE 81	FR 131 T	FR 480, FR 480 C-F	FR 235, FR 410 C-E, FR 460 TC-EM			
<b>TRIMCUT MOWING HEAD</b>																													
TRIMCUT C 32-2	4002 710 2198	2.4/2.7/3.0	1 × 8	⊠⊠⊠⊠	-	•	•	-	•	•	-	-	-	-	-	-	-	-	-	•	•	-	-	•	•	-	-		
TRIMCUT C 42-2	4003 710 2122	2.4/2.7/3.0	1 × 8	⊠⊠⊠⊠	-	-	-	-	-	-	•	•	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
TRIMCUT C 52-2	4005 710 2117	2.4/2.7/3.0/3.3	1 × 8	⊠⊠⊠⊠	-	-	-	-	-	-	-	-	-	-	•	-	-	-	-	-	-	-	-	-	-	-	-		
<b>AUTOCUT MOWING HEAD</b>																													
LINE SPOOL	6421 710 4300	1.4	-	○	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	•	-	-	-	-		
LINE SPOOL for AutoCut C 3-2	4009 710 4304	1.6	-	⊗	-	-	-	-	-	-	-	-	-	-	-	-	-	•	-	-	-	-	-	-	-	-	-		
LINE SPOOL for AutoCut C 3-2	4009 710 4305	2.0	-	⊗	-	-	-	-	-	-	-	-	-	-	-	-	-	•	-	-	-	-	-	-	-	-	-		
AUTOCUT C 3-2	4009 710 2100	1.6	1 × 5	⊗	-	-	-	-	-	-	-	-	-	-	-	-	-	•	-	-	-	-	-	-	-	-	-		
AUTOCUT C 3-2	4009 710 2106	2.0	1 × 5	⊗	-	-	-	-	-	-	-	-	-	-	-	-	-	•	-	-	-	-	-	-	-	-	-		
AUTOCUT C 6-2	4006 710 2126	2.0/2.4	1 × 4	⊠⊠⊠⊠	•	-	-	-	-	-	-	-	-	-	-	-	-	-	•	-	-	-	-	•	-	-	-		
AUTOCUT 25-2	4002 710 2108	2.4/2.7	2 × 3.5	⊠⊠⊠⊠	-	•	•	•	•	•	-	-	-	-	-	-	-	-	-	-	•	-	-	•	•	•	•		
AUTOCUT C 26-2	4002 710 2169	2.4/2.7	1 × 7	⊠⊠⊠⊠	-	•	•	•	•	•	-	-	-	-	-	-	-	-	-	•	•	-	-	•	•	•	•		
AUTOCUT 27-2	<b>NEW</b> 4002 820 2302	2.4/2.7	2 × 3.5	⊠⊠⊠⊠	-	•	•	•	•	•	-	-	-	-	-	-	-	-	-	•	•	-	-	-	-	-	•		
AUTOCUT 36-2	4002 710 2170	2.4/2.7/3.0/3.3	2 × 4	⊠⊠⊠⊠	-	-	•	-	•	•	-	-	-	-	-	-	-	-	-	•	•	-	-	•	•	•	•		
AUTOCUT 46-2	4003 710 2115	2.4/2.7/3.0/3.3	2 × 4	⊠⊠⊠⊠	-	-	-	-	-	-	•	•	•	•	-	-	-	-	-	-	-	-	-	-	-	-	-		
AUTOCUT 56-2	4005 710 2107	2.4/2.7/3.0/3.3	2 × 4	⊠⊠⊠⊠	-	-	-	-	-	-	-	-	-	-	•	-	-	-	-	-	-	-	-	-	-	-	-		
<b>SUPERCUT MOWING HEAD</b>																													
SUPERCUT 20-2	4002 710 2162	2.4	2 × 3	⊠⊠⊗	-	•	•	•	•	•	-	-	-	-	-	-	-	-	-	-	•	-	-	•	•	•	•		
SUPERCUT 40-2	4003 710 2140	2.4	1 × 7.5	⊠⊠⊗	-	-	-	-	-	-	•	•	•	•	-	-	-	-	-	-	-	-	-	-	-	-	-		
<b>POLYCUT MOWING HEAD</b>																													
POLYCUT 2-2 <sup>③</sup>	4008 710 2102	1.4/1.6	2 × 0.15	⊗	-	-	-	-	-	-	-	-	-	-	-	-	-	•	-	-	-	-	-	-	-	-	-		
POLYCUT 3-2 <sup>③</sup>	4009 710 2104	1.4/1.6	2 × 0.15	⊗	-	-	-	-	-	-	-	-	-	-	-	-	-	•	-	-	-	-	-	-	-	-	-		
POLYCUT 6-2 <sup>③</sup>	4006 710 2137	2.0/2.4	2 × 0.2	⊠⊠⊗⊠	•	-	-	-	-	-	-	-	-	-	-	-	-	-	•	-	-	-	○	-	-	-	-		
POLYCUT 18-2 <sup>③</sup>	<b>NEW</b> 4002 820 2320	2.4	1 × 0.3	⊠⊠⊗⊠	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	•	-	-	-	-	-	-	-		
POLYCUT 28-2 <sup>③</sup>	4002 820 2300	2.4/2.7	1 × 0.4	⊠⊠⊗⊠	-	•	•	•	•	•	-	-	-	-	-	-	-	-	-	-	•	-	-	•	•	•	•		
POLYCUT 48-2 <sup>③</sup>	4003 710 2126	2.4/2.7	1 × 0.4	⊠⊠⊗⊠	-	-	-	-	-	-	•	•	•	•	-	-	-	-	-	-	-	-	-	-	-	-	-		
<b>DUROCUT MOWING HEAD</b>																													
DUROCUT 5-2 <sup>③</sup>	4006 710 2131	1.6/2.0/2.4/L	2 × 0.2	⊠⊠⊗⊠	•	-	-	-	-	-	-	-	-	-	-	-	-	-	•	-	-	-	○	-	-	-	-		
DUROCUT 20-2 <sup>③</sup>	4002 710 2182	2.0/2.4/2.7/L/XL	2 × 0.2	⊠⊠⊗⊠	-	•	•	•	•	•	-	-	-	-	-	-	-	-	-	-	•	•	-	•	•	•	•		
DUROCUT 40-4 <sup>③</sup>	4005 710 2114	2.7/3.0/3.3/4.0/XL/XXL	4 × 0.25	⊠⊠⊗⊠	-	-	-	-	-	-	•	•	•	•	-	-	-	-	-	-	-	-	-	-	-	-	-		



**NEW**  
**AUTOCUT SPOOLS**

Retrofittable spools featuring metal deflector in main area of wear, for a longer service life compared with standard spool inserts for AutoCut mowing heads.

**For AutoCut 25-2 and 27-2**  
Order number **4002 710 4321**

**For AutoCut 36-2, 46-2 and 56-2**  
Order number **4003 710 4310**



• Recommended  
○ Can be combined  
- Not approved

① Only approved with guard  
② Numbers in bold type indicate the diameter of the line that the mowing head is equipped with on delivery  
③ Can be equipped with cut-to-length mowing lines as an alternative  
④ Includes 6 L line pieces

⑤ Includes 12 XL line pieces  
⑥ Includes 12 XXL line pieces

○ Round mowing line  
⊠ CF3 Pro high-tech cruciform mowing line  
⊗ Round and quiet mowing line

⊠ Square mowing line  
⊡ Pentagonal mowing line



MOWING LINES

	1.4 cm	1.6 cm	2.0 cm	2.4 cm	2.7 cm	3.0 cm	3.3 cm	4.0 cm
<b>OVERVIEW OF MOWING LINE COLOURS, THICKNESSES AND USE</b>								
<b>ROUND MOWING LINE</b> Can be universally used for trimming and mowing work	●	●	●	●	●	●	●	●
<b>ROUND AND QUIET MOWING LINE</b> Use with electric and battery-driven brushcutters for reduced noise output	-	●	●	●	●	-	-	●
<b>SQUARE MOWING LINE</b> For effectively cutting thick, woody grass and weeds	-	-	-	■	■	■	■	-
<b>PENTAGONAL MOWING LINES</b> Universal use, with high cutting performance	-	-	-	⬠	⬠	⬠	-	-
<b>CF3 PRO HIGH-TECH MOWING LINE</b> Made from three different plastics for flexibility, durability, and high cutting performance.	-	-	■	■	■	■	■	-

Order number	Diameter (mm)	Roll length (m)
<b>ROUND MOWING LINES<sup>①</sup></b>		
0000 930 2284	1.4	16.0
0000 930 2334	1.6	19.0
0000 930 3638	1.6	100.0
0000 930 2335	2.0	14.0
0000 930 2336	2.0	60.0
0000 930 2337	2.0	119.0
0000 930 2338	2.4	14.0
0000 930 2339	2.4	41.0
0000 930 2340	2.4	83.0
0000 930 2246	2.4	253.0
0000 930 2341	2.7	9.0
0000 930 2343	2.7	65.0
0000 930 2227	2.7	208.0
0000 930 2542	3.0	162.0
0000 930 2543	3.0	271.0
0000 930 2569	3.3	573.0
0000 930 3607	4.0	27.0 <sup>②</sup>
0000 930 3603	4.0	87.0 <sup>②</sup>

Order number	Diameter (mm)	Roll length (m)
<b>ROUND AND QUIET MOWING LINES<sup>①</sup></b>		
0000 930 2415	1.6	19.0
0000 930 2416	2.0	14.0
0000 930 2418	2.0	60.0
0000 930 2419	2.4	14.0
0000 930 2421	2.4	83.0
0000 930 2535	2.4	253.0
0000 930 2422	2.7	9.0
0000 930 2423	2.7	65.0
0000 930 2414	2.7	208.0
0000 930 3708	4.0	27.0 <sup>②</sup>
<b>SQUARE MOWING LINES<sup>①</sup></b>		
0000 930 2640	2.4	41.0
0000 930 2641	2.4	83.0
0000 930 2612	2.4	253.0
0000 930 2613	2.4	420.0
0000 930 2642	2.7	32.0
0000 930 2643	2.7	65.0
0000 930 2616	2.7	208.0
0000 930 2617	2.7	347.0

① Rolls  
② For DuroCut

PLASTIC BLADE SETS

Eight plastic blades.



For PolyCut 2-2 and 3-2  
Total blade length 90 mm  
Order number 4008 007 1000

Twelve plastic blades.



NEW For PolyCut 6-2 and 18-2  
Total blade length 130 mm  
Order number 4002 007 1020

For PolyCut 28-2 and 48-2  
Total blade length 145 mm  
Order number 4002 007 1000



For PolyCut 6-3, 7-3, 20-3, 41-3  
Total blade length 115 mm  
Order number 4111 007 1001



Order number	Diameter (mm)	Roll length (m)
<b>SQUARE MOWING LINES<sup>①</sup></b>		
0000 930 2644	3.0	53.0
0000 930 2619	3.0	162.0
0000 930 2620	3.0	271.0
0000 930 2645	3.3	38.0
0000 930 2622	3.3	137.0
0000 930 2623	3.3	228.0
<b>PENTAGONAL MOWING LINES<sup>①</sup></b>		
0000 930 3340	2.4	48.0
0000 930 3341	2.4	97.0
0000 930 3339	2.4	291.0
0000 930 3343	2.7	77.0
0000 930 3303	2.7	215.0
0000 930 3344	3.0	58.0
0000 930 3305	3.0	203.0
0000 930 3306	3.0	339.0

LINE PIECES

48 line pieces per packet.



For DuroCut 5-2 and 20-2, size L, 2 mm, serrated  
Order number 0000 930 3503

For DuroCut 20-2 and 40-4, size XL, 3 mm, serrated  
Order number 0000 930 3504

For DuroCut 40-4, size XXL, 4 mm, serrated  
Order number 0000 930 3505

For DuroCut 40-4, size XXL, 4 mm, round (not pictured)  
Order number 0000 930 3605

Order number	Diameter (mm)	Roll length (m)
<b>CF3 PRO HIGH-TECH CRUCIFORM MOWING LINE<sup>①</sup></b>		
0000 930 4318	2.0	45.0
0000 930 4319	2.0	91.0
0000 930 4300	2.4	35.0
0000 930 4303	2.4	70.0
0000 930 4313	2.4	212.0
0000 930 4320	2.4	345.0
0000 930 4301	2.7	26.0
0000 930 4304	2.7	53.0
0000 930 4314	2.7	172.0
0000 930 4321	2.7	280.0
0000 930 4302	3.0	21.0
0000 930 4305	3.0	43.0
0000 930 4315	3.0	134.0
0000 930 4322	3.0	215.0
0000 930 4311	3.3	34.0
0000 930 4316	3.3	113.0
0000 930 4323	3.3	180.0



METAL CUTTING TOOLS

	Order number	Connection diameter (mm)	FS 55 R, FS 55, FS 56 R, FS 56, FS 56 C-E, FS 70 RC-E, FS 70 C-E	FSA 80, FSA 80 R, FSA 120, FSA 120 R	FS 80, FS 85, FS 89, FS 91, FS 111, FS 131, FSA 130, FSA 135, FSA 200 R, FSA 200	FSA 135 R, FS-KM	FS 94 RC-E, FS 94 C-E	FS 240 C-E	FS 261 C-E	FS 311	FS 361 C-EM, FS 411 C-EM L, FS 411 C-EM	FS 410 C-EM K, FS 490 C-EM K, FS 490 C-EM KW	FS 460 C-EM, FS 460 C-EM L, FS 461 C-EM, FS 490 C-EM, FS 491 C-EM, FS 491 C-EM L	FS 511 C-EM, FS 561 C-EM	FR 131 T	FR 480, FR 480 C-F	FR 410 C-E, FR 460 TC-EM
<b>GRASSCUT GRASS-CUTTING BLADE<sup>Ⓢ</sup></b>																	
230 mm (2 F)	4001 713 3805	25.4	•	•	•	•	•	•	-	-	-	-	-	-	•	•	•
260 mm (2 F)	4001 713 3812	25.4	-	-	•	•	•	•	-	-	-	-	-	-	•	•	•
230 mm (4 F)	4001 713 3801	25.4	•	•	•	•	•	•	-	-	-	-	-	-	•	•	•
230 mm (4 F)	4000 713 3801	20.0	-	-	-	-	-	-	•	•	•	•	•	-	-	-	-
230 mm (8 Z)	4001 713 3803	25.4	•	•	•	•	•	•	-	-	-	-	-	-	•	•	•
255 mm (8 Z)	4000 713 3802	20.0	-	-	-	-	-	-	•	•	•	•	•	-	-	-	-
250 mm (32 Z) <sup>Ⓢ</sup>	4001 713 3813	25.4	-	-	•	•	-	•	-	-	-	-	-	-	•	•	•
250 mm (32 Z) <sup>Ⓢ</sup>	4000 713 3812	20.0	-	-	-	-	-	-	•	•	•	•	•	-	-	-	-
250 mm (40 Z) <sup>Ⓢ</sup>	4001 713 3806	25.4	-	-	-	-	•	•	-	-	-	-	-	-	•	•	•
250 mm (40 Z) <sup>Ⓢ</sup>	4000 713 3806	20.0	-	-	-	-	-	-	•	•	•	•	•	-	-	-	-
<b>BRUSHCUT BRUSH KNIFE<sup>Ⓢ</sup></b>																	
250 mm (3 F)	4112 713 4100	25.4	-	-	•	•	-	•	-	-	-	-	-	-	•	•	•
300 mm (3 F)	4119 713 4100	20.0	-	-	-	-	-	-	•	•	•	•	•	-	-	-	-
305 mm "Special" (2 F) <sup>Ⓢ</sup>	4000 713 4103	20.0	-	-	-	-	-	-	•	•	•	•	•	-	-	-	-
350 mm (3 F)	4110 713 4100	20.0	-	-	-	-	-	-	-	-	-	-	•	-	-	-	-
350 mm "Special" (3 F) <sup>Ⓢ</sup>	4000 713 4100	20.0	-	-	-	-	-	-	-	-	-	-	•	-	-	-	-
<b>SHREDCUT SHREDDER BLADE<sup>Ⓢ</sup></b>																	
270 mm (2 F)	4000 713 3903	20.0	-	-	-	-	-	-	•	•	•	-	-	-	-	-	-
320 mm (2 F)	4000 713 3902	20.0	-	-	-	-	-	-	-	-	-	-	•	-	-	-	-
<b>WOODCUT CIRCULAR SAW BLADE, SCRATCHER TOOTH<sup>Ⓢ</sup></b>																	
200 mm (80 Z)	4112 713 4201	25.4	-	-	-	-	-	•	-	-	-	-	-	-	-	-	-
200 mm (44 Z)	4000 713 4200	20.0	-	-	-	-	-	-	-	•	-	-	-	-	-	-	-
225 mm (48 Z)	4000 713 4205	20.0	-	-	-	-	-	-	•	-	•	•	•	•	-	-	-
<b>WOODCUT CIRCULAR SAW BLADE, CHISEL TOOTH<sup>Ⓢ</sup></b>																	
200 mm (22 Z)	4112 713 4203	25.4	-	-	•	-	-	•	-	-	-	-	-	-	-	-	-
200 mm (22 Z)	4119 713 4200	20.0	-	-	-	-	-	-	-	•	-	-	-	-	-	-	-
225 mm (24 Z)	4000 713 4201	20.0	-	-	-	-	-	-	•	-	•	•	•	•	-	-	-
200 mm (22 Z) HP <sup>Ⓢ</sup>	4001 713 4203	25.4	-	-	•	-	-	•	-	-	-	-	-	-	-	-	-
200 mm (22 Z) HP <sup>Ⓢ</sup>	4000 713 4203	20.0	-	-	-	-	-	-	-	•	-	-	-	-	-	-	-
225 mm (22 Z) HP <sup>Ⓢ</sup>	4000 713 4202	20.0	-	-	-	-	-	-	•	•	•	•	•	-	-	-	-
250 mm (26 Z)	4000 713 4204	20.0	-	-	-	-	-	-	•	-	•	-	• <sup>Ⓢ</sup>	•	-	-	-
<b>WOODCUT CIRCULAR SAW BLADE, CARBIDE<sup>Ⓢ</sup></b>																	
225 mm (36 Z)	4000 713 4211	20.0	-	-	-	-	-	-	•	-	•	•	•	•	-	-	-

• Recommended - Not approved  
 F = Blades Z = Teeth  
 Ⓢ Only approved with guard  
 Ⓢ Low-spin  
 Ⓢ Very durable, long service life  
 Ⓢ Only approved with shredder guard  
 Ⓢ Only approved for clearing saws with bike handle  
 Ⓢ Only approved with stop guard, see page 289  
 Ⓢ HP = High performance (20% more cutting performance)  
 Ⓢ For explanation of quality marks, see page 491  
 Ⓢ Can only be used for FS 491 C-EM



1 GRASSCUT 250-32 UPGRADE KIT

For converting clearing saws that have a line mowing head to the GrassCut 250-32 low-spin grass-cutting blade, with all attachments and transport guard included.

- Comprises:**  
 1 x GrassCut 250-32 (25.4 mm connection diameter)  
 1 x metal tool transport guard  
 1 x rider plate  
 1 x thrust washer  
 1 x collar nut

For FSA 135, FS 89, FS 91, FS 94, FS 111, FS 131, FS 200, FS 240, FR 131 T, FR 410, FR 460 and FS-KM  
 Order number 4001 007 1003



PROFESSIONAL TIP

Flying stones and gravel often create problems when mowing with clearing saws on traffic islands or in public parks and green spaces. STIHL has the answer: the low-spin 250-32 grass-cutting blade with KWF certificate reduces the safety distance from objects and vehicles to three metres. Thanks to the special tooth shape, the risk of particles flying around is reduced to a minimum. The result is greater safety, maximum working comfort and quicker results.



## ACCESSORIES OR CUTTING TOOLS

- Files and guards
- For a variety of applications and jobs

### MILL SAW FILES

Flat files for brush knives and scratcher-tooth circular saw blades. 200 mm.

Order number **0814 212 3310**



With case for tidy storage.

Order number **0814 212 3000**



### FILE HANDLES



Wooden handle for all triangular, flat, round and Hexa files.



**NEW** For 3.2 mm files

Order number **0811 490 7862**

For files of 4.0 to 5.5 mm

Order number **0811 490 7860**

### FH 3

softgrip handle. For flat files up to 150 mm.



Order number **0000 881 4503**

### FILE HOLDER WITH ROUND FILE

For chisel-tooth circular saw blades.



Order number **5605 750 4343**

### SHARPENING TEMPLATES

For brush knives.



**Double-bladed brush knife**

Order number **4020 890 5501**

**Triple-bladed brush knife**

Order number **4020 890 5500**

### SAW SET

For chisel-tooth circular saw blades.



Order number **4020 893 5000**

### WEAR AND TEAR PROTECTION

Can be screwed onto main area of wear for a longer mowing head service life.



For DuroCut 20-2

Order number **4005 007 1002**

For PolyCut 28-2 and 48-2

Order number **4003 007 1001**



Order number

Max. cutting circle diameter (line/metal) (mm)

FS 55, FS 56, FS 70

FS 89, FS 91, FS 111, FS 131, FS 240 C-E, FSA 135, FR 410 C-E, FR 460 TC-EM, FR 460 TC-EFM, FS-KM

FS 94 RC-E, FS 94 C-E

FS 311, FS 410 C-EM K, FS 490 C-EM K

FS 410 C-EM K, FS 490 C-EM K

FS 261 C-E, FS 361 C-EM, FS 411 C-EM, FS 411 C-EM L, FS 461 C-EM, FS 461 C-EM L, FS 491 C-EM, FS 491 C-EM L

FS 561 C-EM

FSA 60 R, FSA 86 R

FSA 80, FSA 120

FSA 200 R, FSA 200

### UNIVERSAL GUARD FOR LINE MOWING HEADS AND METAL TOOLS



4180 007 1028

420/260

-

•

•

-

-

-

-

-

-

-

-

-

-

-

-

### GUARDS FOR METAL TOOLS



4863 710 8100

-/260

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

4144 710 8116

-/230

•

-

-

-

-

-

-

-

-

-

-

-

•

-

-

4147 710 8101

-/305

-

-

-

•

-

-

-

-

-

-

-

-

-

-

-

4147 710 8115

-/305

-

-

-

-

-

-

•

-

-

-

-

-

-

-

-

4147 007 1021

-/305

-

-

-

-

-

•

-

-

-

-

-

-

-

-

-

4148 710 8105

-/350

-

-

-

-

-

-

-

-

•

-

-

-

-

-

-

### GUARDS FOR LINE MOWING HEADS AND POLYCUT



4144 710 8117

420/-

•

-

-

-

-

-

-

-

-

-

-

-

-

-

-

4147 710 8100

480/-

-

-

-

•

-

-

-

-

-

-

-

-

-

-

-

4863 710 8120

380/-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

4180 007 1030

420/-

-

•

•

-

-

-

-

-

-

-

-

-

-

-

-

FA05 710 8100

350/-

-

-

-

-

-

-

-

-

•

-

-

-

-

-

-

FA05 710 8101<sup>①</sup>

350/-

-

-

-

-

-

-

-

-

•

-

-

-

-

-

-

4147 710 8112

520/-

-

-

-

-

-

-

•

-

-

-

-

-

-

-

-

4148 710 8104

560/-



## ADVANCED TECHNOLOGY THAT BEARS FRUIT.

---

Harvesters

293

Parts and accessories for harvesters

296

# HARVESTERS IN DETAIL



## TECHNOLOGY

- 01 RAKE**  
With separately angled prongs made from tough, lightweight carbon fibre.
- 02 LONG-LIFE AIR FILTER SYSTEM**  
Ensures a long filter service life and reliable engine protection, even under the toughest conditions.
- 03 MANUAL FUEL PUMP**  
By priming the manual fuel pump several times before starting up, you can reduce the number of pulls needed on the starter cord by 40%. This is achieved by ensuring that sufficient fuel is made available more quickly when you start the tool.

## CONVENIENCE

- 04 MULTI-FUNCTION HANDLE**  
All the engine control functions are at your fingertips. Making operation easy and reliable.
- 05 TRANSMISSION WITH LIFETIME LUBRICATION**  
For low-maintenance use.
- 06 DETACHABLE ALUMINIUM SHAFT**  
Light, durable, detachable and with a tube handle for better grip.

Please note that not all products are equipped with the features presented here. Only the most important features are described on this page. For further explanations and information, see from page 482 and online at [stihl.com](http://stihl.com).

# HARVESTERS

- For easy harvesting of small fruits such as olives, pistachios and other nuts
- Shaking motions are optimally transferred to the branch
- Low vibration and minimum effort



## SP 92 C-E

24.1 cm<sup>3</sup> • 0.9 kW / 1.2 hp • 5.4 kg<sup>Ⓞ</sup>

Very light harvester with rakes for olives and small fruits. STIHL 2-MIX engine, STIHL anti-vibration system, STIHL ErgoStart, control handle with STIHL ECOSPEED part throttle function, harness, adjustable raking speed, total length 231 cm.



Order number **4259 011 0704**

### Additional versions:

SP 92 TC-E FA08 200 0019

## SP 452

41.6 cm<sup>3</sup> • 2.0 kW / 2.7 hp • from 14.1 kg<sup>Ⓞ</sup>

Powerful harvester with a hook for harvesting olives and small fruits. With STIHL anti-vibration system, proven STIHL 2-MIX engine, STIHL ElastoStart, and harness. Available in three shaft lengths.



SP 452 with 1.86 m shaft

Order number **VB01 200 0010**

SP 452 with 2.26 m shaft

Order number **VB01 200 0011**

SP 452 with 2.60 m shaft

Order number **VB01 200 0012**

C = Comfort version  
E = STIHL ErgoStart  
T = Detachable shaft

Ⓞ Weight excluding fuel, fully assembled



**SP 482**

45.6 cm<sup>3</sup> • 2.2 kW / 3.0 hp • from 14.1 kg<sup>①</sup>

Heavy-duty harvester with hook for olives and small fruits, for professional harvesting work. With STIHL anti-vibration system, proven STIHL 2-MIX engine, STIHL ElastoStart, and harness. Available in three shaft lengths.



INCLUDES HARNESS

SP 482 with 1.86 m shaft  
Order number **VB01 200 0008**

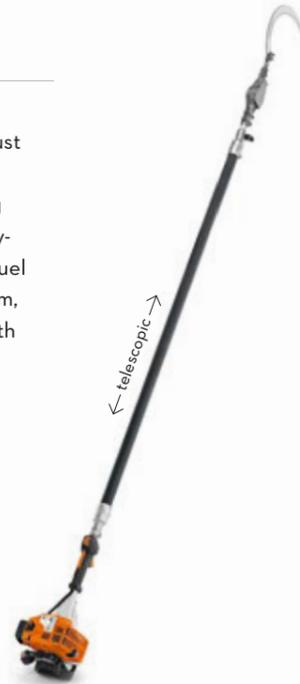
SP 482 with 2.26 m shaft  
Order number **VB01 200 0009**

SP 482 with 2.60 m shaft  
Order number **VB01 200 0007**

**PC 75**

25.4 cm<sup>3</sup> • 0.95 kW / 1.3 hp • 8.2 kg<sup>①</sup>

Easy harvesting of palm fruits at heights up to 5.5 m. A robust telescopic shaft with a multi-function handle, clean cutting thanks to a forged sickle, easy-change cutting tool, manual fuel pump, long-life air filter system, minimum vibration, total length 286 - 399 cm.



← telescopic →

Order number **4259 011 0702**

**PC 70**

25.4 cm<sup>3</sup> • 0.95 kW / 1.3 hp • 6.0 kg<sup>①</sup>

Easy harvesting of palm fruits at heights up to 3 m. A robust shaft with a multi-function handle, cuts cleanly thanks to a forged sickle, easy-to-change cutting tool, manual fuel pump, long-life air filter system, minimum vibration, total length 223 cm.



Order number **4248 011 0700**

**HS 52**

27.2 cm<sup>3</sup> • 0.75 kW / 1.0 hp • 5.0 kg<sup>①</sup>

Lightweight hedge trimmer specifically for harvesting tea. Side-mounted handle for good cut control and ideal application of force. Single-sided cutting blade with sharpened upper and lower blade as well as a sharpened tip. Aluminium catcher plate for controlled removal of cuttings. With an eyelet for the carry strap.



Bar length **60 cm**  
Order number **4228 011 2943**



**NEW SPA 130**

36 V • 2.6 kg<sup>②</sup>



Lightweight and powerful battery olive harvester for professional harvesting of mainly olives but also almonds and nuts. Connecting cable with maximum user freedom; short rigid shaft for precise movements in the tree crown. Rake with eight carbon fingers and synchronous movement for more efficient harvesting. Three-level speed control adjustable to suit fruit ripeness. Lightweight magnesium engine housing and low weight for comfortable work.



SPA 130 excluding battery and charger  
Order number **VA02 011 0700**

**NEW SPA 140**

36 V • 3.2 kg<sup>②</sup>



Powerful battery olive harvester for professional harvesting of olives, almonds and nuts. Connecting cable with maximum freedom for the user, and professional telescopic shaft for precise movements even in high and branchy tree crowns. Rake with eight carbon fingers and synchronous movement for more efficient harvesting. Three-level speed control adjustable to suit fruit ripeness. Lightweight magnesium engine housing and low weight for comfortable work.



SPA 140 excluding battery and charger  
Order number **VA02 011 0701**

① Weight excluding fuel, fully assembled  
② Weight excluding battery

③ For explanation of symbols, see page 482

# PARTS AND ACCESSORIES FOR HARVESTERS

- Attachments for a wide range of applications
- Shaft extensions for easier harvesting
- Comfortable harness



## SP-KM

For easy harvesting of nuts, pistachios and olives. Two separately angled rakes, especially light, low vibration.

For KM 56 RC-E, KM 90 R, KM 94 RC-E and KM 100 R  
Order number 4249 740 5000



## SP 10 ATTACHMENT

For easy harvesting of nuts, pistachios and olives. Two separately angled rakes, especially light, low vibration.

For FS 90 R, FS 100 R, FS 110 R, HL 95 K - HL 100, HT 100, FT 100, FC 85, FC 95 and FC 110  
Order number 4249 740 5000



## SP 20 ATTACHMENT

Convenient harvesting of Arabica coffee. Excellent harvesting performance due to different rakes and optimum transmission design.

For KA 85 R, KA 120 R, FS 85 R, SP 92, HL 92, HL 94 and HT 70 K  
Order number 4260 740 5101



## SP 20 RAKE

WR 6 Universal rake with 6 fingers  
Order number 4260 740 5101

WR 6-2 (as in the image)  
Double-row rake for trees that have grown together  
Order number 4260 740 7201

WR 9 performance rake with 9 fingers for fast work progress  
Order number 4260 740 7202



## SHAFT EXTENSIONS

Made of aluminium. Included in delivery with the HT-KM, HL-KM and SP-KM KombiTools. Extends range by 50 cm. Weight 0.6 kg.

Order number 0000 710 7100



Made of carbon fibre. Included in delivery with the HT-KM, HL-KM and SP-KM KombiTools. Shaft extension 1 m, aluminium outer shaft, extra-light. Weight 0.9 kg.

Order number 0000 710 7102



## PROTECTIVE TUBE SET

Four protective tubes for the rake rod in order to reduce damage to branches and olives.

For SP 90, SP 90 T, SP 92 C-E, SP 92 TC-E, SPA 65 and SP-KM  
Order number 4249 007 1005



## SERVICE KITS

You can perform simple maintenance tasks on your STIHL petrol-drive harvesters with the help of our service kits. Each kit includes a spark plug, fuel filter and air filter. With proactive, regular standard maintenance you can not only protect machine components and parts against dirt and damage, but also maximise the service life of your power tool. The only implement you need for maintenance is the combination socket tool supplied with your STIHL power tool.

Service Kit 21 for SP 400, SP 401, SP 450, SP 451, SP 481  
Order number 4134 007 4101

Service Kit 23 for PC 70, PC 75 (machine number > 366055274)  
Order number 4147 007 4101

Service Kit 27 for SP 452, SP 482  
Order number 4147 007 4101

Service Kit 28 for SP 92, KM 94  
Order number 4149 007 4103



## CHISEL

For PC 70 and PC 75  
Order number 4248 702 7400



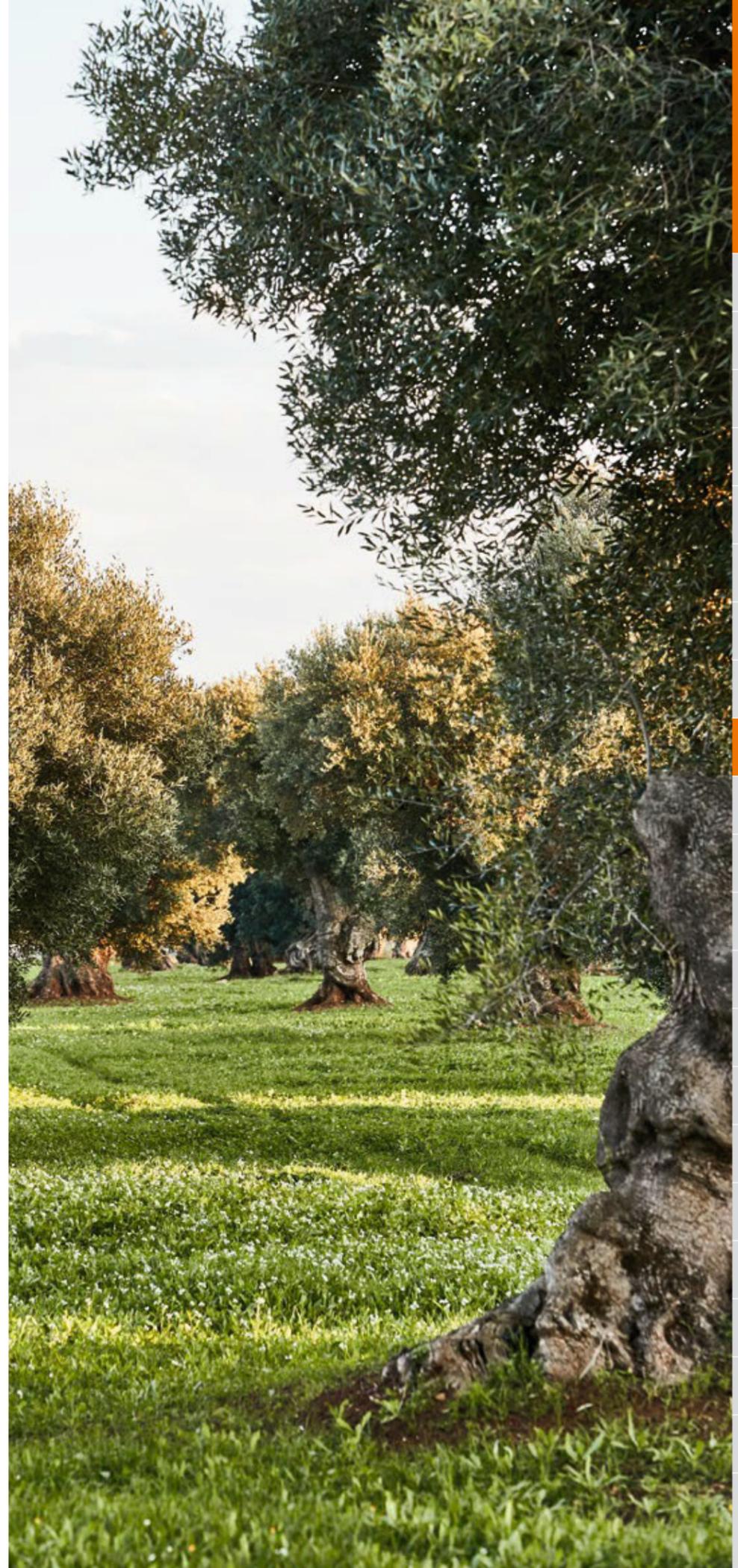
## SICKLE

For PC 70 and PC 75  
Order number 4248 702 7101



Order number	Displacement (cm <sup>3</sup> )	Power output (kW / hp)	Weight (kg)	Sound pressure level <sup>①</sup> (dB(A))	Sound power level <sup>②</sup> (dB(A))	Vibration level, left / right <sup>③</sup> (m/s <sup>2</sup> )	STIHL engine (2-MIX / 4-MIX®) / STIHL battery system	Total length (cm)	STIHL anti-vibration system	STIHL ElastoStart	STIHL ErgoStart	Harness	
<b>PETROL HARVESTERS</b>													
<b>SP 92 C-E</b>	4259 011 0704	24.1	0.9 / 1.2	5.4 <sup>④</sup>	90	105	5.8 / 6.4	2-MIX	231	●	-	●	●
<b>SP 92 TC-E</b>	4259 011 0705	24.1	0.9 / 1.2	5.6 <sup>④</sup>	90	105	6.6 / 6.1	2-MIX	231	●	-	●	●
<b>SP 452</b> (1.86 m shaft)	VB01 200 0010	41.6	2.0 / 2.7	14.1 <sup>④</sup>	98	112	8.0 / 5.5	2-MIX	278	●	●	-	●
<b>SP 452</b> (2.26 m shaft)	VB01 200 0011	41.6	2.0 / 2.7	14.3 <sup>④</sup>	98	112	8.0 / 4.0	2-MIX	318	●	●	-	●
<b>SP 452</b> (2.60 m shaft)	VB01 200 0012	41.6	2.0 / 2.7	14.4 <sup>④</sup>	98	112	11.0 / 5.0	2-MIX	352	●	●	-	●
<b>SP 482</b> (1.86 m shaft)	VB01 200 0008	45.6	2.2 / 3.0	14.1 <sup>④</sup>	98	112	8.0 / 5.5	2-MIX	278	●	●	-	●
<b>SP 482</b> (2.26 m shaft)	VB01 200 0009	45.6	2.2 / 3.0	14.3 <sup>④</sup>	98	112	8.0 / 4.0	2-MIX	318	●	●	-	●
<b>SP 482</b> (2.60 m shaft)	VB01 200 0007	45.6	2.2 / 3.0	14.4 <sup>④</sup>	98	112	11.0 / 5.0	2-MIX	352	●	●	-	●
<b>PC 70</b>	4248 011 0700	25.4	0.95 / 1.3	6.0 <sup>④</sup>	99	107	15.0 / 13.0	-	223	-	-	-	-
<b>PC 75</b>	4248 011 0702	25.4	0.95 / 1.3	8.2 <sup>④</sup>	98	107	12.0 / 12.0	-	286 - 399	-	-	-	-
<b>TEA PLANT PRUNER AND TEA PLANT HARVESTER</b>													
<b>HS 52</b>	4228 011 2943	27.2	0.75 / 1.0	5.0 <sup>④</sup>	100	109	13.5 / 13.3	2-MIX	106	-	-	-	-
<b>BATTERY HARVESTER</b>													
<b>SPA 130</b>	<b>NEW</b> VA02 011 0700	-	-	2.6 <sup>④</sup>	80	93	13.0 / 13.0	AP-System	220	-	-	-	-
<b>SPA 140</b>	<b>NEW</b> VA02 011 0701	-	-	3.2 <sup>④</sup>	77 - 79 <sup>⑤</sup>	93	9.1 - 18.5 <sup>⑤</sup>	AP-System	184 - 242	-	-	-	-

● Fitted as standard

C = Comfort version  
E = STIHL ErgoStart  
T = Detachable shaft① K-factor in accordance with Directive 2006 / 42 / EC = 2.5 dB(A)  
② K-factor in accordance with Directive 2006 / 42 / EC = 2 m/s<sup>2</sup>③ Weight excluding fuel, fully assembled  
④ Weight excluding battery  
⑤ Values from retracted to fully extended shaft



## WORK EASIER. HARVEST MORE.

Farming tools and accessories

302



# FARMING TOOLS AND ACCESSORIES

- Six products with a powerful engine for working on agricultural land
- For soil cultivation and ventilation, creating planting rows, removing scrub, and watering fields
- Long lasting, extremely tough and reliable
- Fast and easy maintenance



## FS 230

40.2 cm<sup>3</sup> • 1.55 kW / 2.1 hp • 7.1 kg<sup>①</sup>

Robust and powerful clearing saw for mowing grass and scrub with grass cutting blade or mowing line. Very comfortable working thanks to the cruise control function, ergonomic bike handle and multi-function control grip. With double shoulder harness.



Order number 4151 200 0041

➔ For further information see on page 274



## FR 230

40.2 cm<sup>3</sup> • 1.55 kW / 2.1 hp • 10.2 kg<sup>①</sup>

For mowing work in areas that are difficult to access. Great for mowing tasks, with metal tools and a nylon mowing head. Multi-function handle, loop handle, padded carrying system. Very comfortable working thanks to the cruise control function.

Order number 4151 200 0042

➔ For further information see on page 278



## ONE POWERFUL ENGINE - SIX POWERFUL FARMING TOOLS

The STIHL engine in proven quality is robust, durable and reliable. It gives the STIHL FS 230, FR 230, SG 230, WP 230, BC 230 and BT 230 farming tools exactly the power you need for your work. Both the spark plug and the air filter can be replaced easily and quickly for simple maintenance.



## SG 230

40.2 cm<sup>3</sup> • 1.55 kW / 2.1 hp • 13.3 kg<sup>②</sup>

Compact sprayer with a large spraying range for applying liquid pesticides even in hard-to-reach and remote areas. The sturdy carrying frame ensures good stability on a range of surfaces. With suction hose, suction basket and return hose as standard. Available as accessories: spray lance and 30 m spray hose for extended range.

Order number SB02 011 6700

➔ For further information see on page 328



## WP 230

40.2 cm<sup>3</sup> • max. 15 m<sup>3</sup>/h • 11.3 kg<sup>③</sup>

Compact water pump for watering smaller areas. With powerful motor for high vertical and horizontal flow rates of up to up to 15 m<sup>3</sup>/h. The robust frame ensures good stability on various types of surfaces. The integrated strainer protects the engine against small objects and dirt particles.

Order number VB02 011 2000

➔ For further information see on page 387

① Weight excluding fuels, lubricants, cutting tool and guard  
 ② Weight excluding fuels and lubricants  
 ③ Net weight excluding fuels and lubricants



**BC 230**40.2 cm<sup>3</sup> • 1.55 kW / 2.1 hp • 20.2 kg<sup>①</sup>

Cultivator for loosening and preparing soil, working in mulches and furrowing. High-quality features include a folding support frame and ergonomic handle design, with the handles protected against dirt when laying the tool down. Fitted with 10" rotating blades for optimal performance and reaching a depth of up to 80 mm.

Order number **YB01 011 5400**

➔ For further information see on page 310

**BT 230**<sup>②</sup>40.2 cm<sup>3</sup> • 1.55 kW / 2.1 hp • 10.9 kg<sup>③</sup>

Robust and powerful one-man earth auger. For holes up to 12" deep. Ideal for creating fences. Can be fitted with standard auger bits (150 - 250 mm), or with an optional adapter for use with the STIHL drill bit range. Support cushion available as accessory.

Order number **UB01 011 2100**

➔ For further information see on page 317

**SPRAY LANCE**

For targeted application of liquid pesticides.



For SG 230

Order number **SB02 500 0901****VACUUM HOSE**

30 m spray hose for extended range.



For SG 230

Order number **SB02 500 0800****SUPPORT CUSHION**

Fits against the body or leg during drilling. For high comfort and smooth and accurate earth auger guidance.



For BT 230

Order number **4313 748 2501****ADAPTER (NOT PICTURED)**

For use with the STIHL drill range.

For BT 230

Order number **4404 682 3900****APPROPRIATE FUELS AND LUBRICANTS**SEE FROM **PAGE 404**

① Net weight excluding fuels and lubricants

② Drilling tool not included in delivery

③ Weight excluding fuel and drilling tool



## LOOSEN THE GROUND WITHOUT DRAINING YOUR ENERGY

---

Tillers and accessories

309



## POWER TILLERS IN DETAIL



03 ADJUSTABLE BRAKE SPUR

02 ADJUSTABLE PICK TINES

04 HANDLEBAR WITH HEIGHT AND SIDE ADJUSTMENT

01 POWERFUL ENGINE

05 FOLDING TRANSPORT WHEEL

### TECHNOLOGY

- 01 POWERFUL ENGINE**  
Powerful STIHL EHC 700 engine for particularly tough jobs.
- 02 ADJUSTABLE PICK TINES**  
Individual adjustment of the working width to the respective area of application.
- 03 ADJUSTABLE BRAKE SPUR**  
Adjustable for different applications, soil conditions and heights.

### COMFORT

- 04 HANDLEBAR WITH HEIGHT AND SIDE ADJUSTMENT**  
Greater working comfort achieved through individual adjustment of the handlebar to the user's size and application.
- 05 FOLDING TRANSPORT WHEEL**  
For transporting the power tiller with pick tines mounted over short distances and for manoeuvring or parking the power tiller.

Please note that not all products are equipped with the features presented here. Only the most important features are described on this page. For further explanations and information, see from page 482 and online at [stihl.com](http://stihl.com).

## TILLERS AND ACCESSORIES

- For use in agriculture, landscaping and garden centres
- For digging over soils and beds with little physical effort
- Very comfortable to operate
- Powerful and low-vibration



### BC 230

40.2 cm<sup>3</sup> • 1.55 kW / 2.1 hp • 20.0 kg<sup>Ⓢ</sup>

Cultivator for loosening and preparing soil, working in mulches and furrowing. Easy to manoeuvre, even in narrow fields. High-quality features include a folding support frame and ergonomic handle design, with the handles protected against dirt when laying the tool down. Fitted with 10" rotating blades for optimal performance and reaching a depth of up to 80 mm.

Order number **YB01 011 5400**



### APPROPRIATE FUELS AND LUBRICANTS

SEE FROM PAGE 404

<sup>Ⓢ</sup> Net weight excluding fuels and lubricants





**MH 610**

212 cm<sup>3</sup> • 4.4 kW / 6.0 hp • 63.0 kg<sup>①</sup>

Very powerful and robust tiller for heavy use and tough soils. Very comfortable to operate, for tilling that requires little physical effort. Two forward gears for precise propulsion.

Order number **6250 011 3900**



**MH 710**

252 cm<sup>3</sup> • 5.2 kW / 7.1 hp • 110.0 kg<sup>①</sup>

The most powerful STIHL tiller for very demanding applications, extremely heavy soils and large areas. Very comfortable to operate, for tilling that requires little physical effort. Including PTO (power take-off) for driving additional work tools.

Order number **6251 011 3900**



	Order number	Working width (cm)	Tilling set (∅ in cm)	Drive	Tank volume (l)	Engine type	Displacement (cm <sup>3</sup> )
<b>POWER TILLERS</b>							
<b>BC 230</b>	<b>YB01 011 5400</b>	25	25	1V	0.81	2-stroke engine	40.2
<b>MH 610</b>	<b>6250 011 3900</b>	79	31	2V + 1R	3.6	STIHL EHC 600	212
<b>MH 710</b>	<b>6251 011 3900</b>	98	36	2V + 1R	3.6	STIHL EHC 700	252

● Fitted as standard    R = Reverse gear    ① Net weight excluding fuels and lubricants  
 V = Forward gear                                    ② Uncertainties in accordance with Directive 2006/42/EC

Rated output (kW / hp)	Working speed (rpm)	Weight <sup>①</sup> (kg)	Guaranteed sound power level (dB(A))	Measured sound pressure level (dB(A))	Sound pressure level uncertainty <sup>②</sup> (dB(A))	Vibration level (m/s <sup>2</sup> )	Vibration level uncertainty <sup>②</sup> (m/s <sup>2</sup> )	Central handlebar adjustment
1.55 / 2.1	3,600	20.0	-	-	-	-	-	-
4.4 / 6.0	3,600	63.0	96	83	3	6.9	2.76	●
5.2 / 7.1	3,600	110.0	96	83	3	10.8	4.32	●

## DEEPLY POWERFUL. EVEN IN HARD GROUND.

[Earth auger, parts and accessories](#)

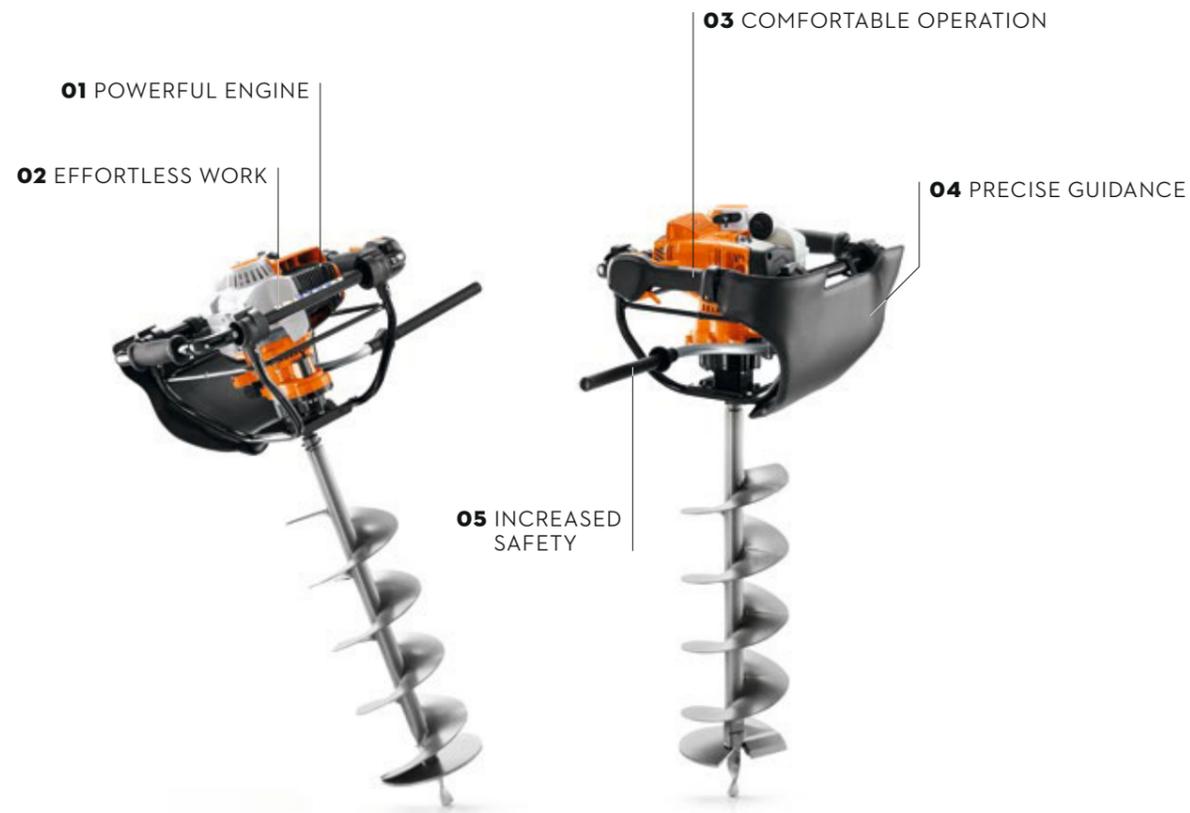
**315**

[Hand-held drills and accessories](#)

**318**



## EARTH AUGERS IN DETAIL



### TECHNOLOGY

#### 01 STIHL 4-MIX® ENGINE

Combines the advantages of a 2-stroke and 4-stroke engine. Lower consumption, lower emissions, no need for oil servicing. Less obtrusive noise. Excellent engine power and high torque.

### CONVENIENCE

#### 02 STIHL ANTI-VIBRATION SYSTEM

Reduces the transmission of engine vibrations to the handle area and therefore the body. For more pleasant and effortless work.

#### 03 SINGLE-HANDED MULTI-FUNCTION HANDLE

All the engine control functions are integrated into the left handle. The machine can be controlled at the push of a button.

#### 03 COMFORTABLE OPERATION



#### 04 PRECISE GUIDANCE

#### 05 INCREASED SAFETY

#### 04 LARGE-AREA SUPPORT CUSHION

Positioned next to your body or leg during tool use, for a high degree of comfort and steady and precise earth auger guidance.

### SAFETY

#### 05 QUICKSTOP DRILL BRAKE

The QuickStop drill brake with release lever interrupts the power if the drill jams. The brake system makes it easy for jammed drills to be screwed back out.

## EARTH AUGER, PARTS AND ACCESSORIES

- Versatile use e.g. in horticulture and landscaping, agriculture, in forests, or in construction
- Ideal for drilling holes in the ground for fence posts, seedlings, or trees, as well as for taking soil samples
- Various drill bits, shaft extensions, support cushions, and drill chucks are available as accessories



### BT 131

36.3 cm<sup>3</sup> • 1.4 kW / 1.9 hp • 10.0 kg<sup>①</sup>

Powerful earth auger with QuickStop drill brake, STIHL 4-MIX® engine, STIHL anti-vibration system, single-handed multi-function handle, air filter with long service life, and large support cushion. Drilling tool not included in delivery.

Order number **4313 011 2120**



### BT 230<sup>②</sup>

40.2 cm<sup>3</sup> • 1.55 kW / 2.1 hp • 10.9 kg<sup>①</sup>

Robust and powerful one-man earth auger. For holes up to 12" deep. Ideal for creating fences. Can be fitted with standard auger bits (150 - 250 mm), or with an optional adapter for use with the STIHL earth auger bit range. Support cushion available as accessory.

Order number **UB01 011 2100**



### APPROPRIATE FUELS AND LUBRICANTS

SEE **FROM PAGE 404**





**ONLY WHILE STOCKS LAST!**  
**BT 360**®

60.3 cm³ • 2.9 kW / 3.9 hp • 28.8 kg<sup>Ⓞ</sup>

Proven high-torque engine for drilling work in pairs. With STIHL ElastoStart as standard, start lock and reverse rotation lock, long-life air filter system, additional stop switch for the second operator, and fold-out frame.

Order number **4308 200 0004**



**SERVICE KIT 31**

Tackle your own straightforward maintenance work with the Service Kit 31 for STIHL petrol-driven power tools: each kit contains a spark plug, fuel filter, and paper air filter. With proactive, regular standard maintenance, you can protect your power tool against dirt and damage while also increasing its service life. The only additional maintenance implement you need is the combination socket tool supplied with your STIHL power tool.

For **BT 131, FR 131, FS 131, FS 311, KM 131**  
Order number **4180 007 4103**

	Order number	Diameter (mm)	Length (mm)	Suitable for earth augers	Use
<b>ACCESSORIES FOR EARTH AUGERS</b>					
<b>EARTH AUGER BIT</b>					
	4404 680 2004	40	695	BT 106, BT 106 C, BT 120 C, BT 121, BT 130, BT 131	For all ground types.
	4404 680 2006	60			
	4404 680 2009	90			
	4404 680 2012	120			
	4404 680 2015	150			
	4404 680 2020	200			
4404 680 2030	300	750			
<b>EARTH AUGER BIT</b>					
	4400 000 4209	90	700	BT 360	For all ground types.
	4400 000 4212	120			
	4400 000 4215	150			
	4400 000 4220	200			
	4400 000 4225	250			
	4400 000 4228	280			
4400 000 4235	350				
<b>PLANT SPIRAL EARTH AUGER BIT</b>					
	4311 680 2515	150	525	BT 106, BT 106 C, BT 120 C, BT 121, BT 130, BT 131	Special auger bit for drilling bore holes for plants. Cylindrical shape.
	44445 000 4235	350	420	BT 360	

**ACCESSORIES FOR EARTH AUGERS**

**SOIL LOOSENER EARTH AUGER BIT**



Order number	Diameter (mm)	Length (mm)	Suitable for earth augers	Use
4404 680 1900	260	660	BT 106, BT 106 C, BT 120 C, BT 121, BT 130, BT 131	Special auger bit for loosening soil and planting.
4440 000 4200	400	870	BT 360	

**SHAFT EXTENSIONS**



Order number	Diameter (mm)	Length (mm)	Suitable for earth augers	Use
4313 680 2300	-	250	BT 106, BT 106 C, BT 120 C, BT 121, BT 130, BT 131	For extending the earth auger bit in deep bore holes.
4311 680 2350	-	450		
4470 000 4205	-	500	BT 360	
4470 000 4210	-	1.000		

**SUPPORT CUSHION**



Order number	Diameter (mm)	Length (mm)	Suitable for earth augers	Use
4311 748 2500	-	-	BT 106 C, BT 120 C	As a replacement for the existing support cushion.
4313 748 2501	-	-	BT 121, BT 130, BT 131, BT 230	

**DRILL CHUCK**



Order number	Diameter (mm)	Length (mm)	Suitable for earth augers	Use
4311 680 4010	-	-	BT 106, BT 106 C, BT 120 C, BT 121, BT 130, BT 131	For twist drills up to Ø 13 mm. For use with drills with cylindrical connectors.

**ADAPTER (NOT PICTURED)**

Order number	Diameter (mm)	Length (mm)	Suitable for earth augers	Use
4404 682 3900	-	-	BT 230	For use with the STIHL drill range.

	Order number	Displacement (cm³)	Power output (kW / hp)	Weight <sup>Ⓞ</sup> (kg)	Sound pressure level <sup>Ⓜ</sup> (dB(A))	Sound power level <sup>Ⓜ</sup> (dB(A))	Vibration level, left / right <sup>Ⓜ</sup> (m/s²)	STIHL engine (2-MIX / 4-MIX <sup>®</sup> )	Spindle speed (rpm)	Automatic decompression valve	STIHL ElastoStart	Air filter with long service life	QuickStop drill brake	Start lock / reverse rotation lock
<b>EARTH AUGER<sup>Ⓞ</sup></b>														
<b>BT 131<sup>Ⓞ</sup></b>	4313 011 2120	36.3	1.4 / 1.9	10.0	92	100	1.7 / 2.0	4-MIX <sup>®</sup>	200	•	-	•	•	•
<b>BT 230</b>	UB01 011 2100	40.2	1.55 / 2.1	10.9	-	-	-	-	250	-	-	-	-	-
<b>BT 360</b>	4308 200 0004	60.3	2.9 / 3.9	28.8	99	111	6.8 / 8.7	-	50	-	•	•	-	•

• Fitted as standard      Ⓞ Weight excluding fuel and drilling tool      Ⓜ Drilling tool not included in delivery  
 ! Only while stocks last!      Ⓜ K-factor in accordance with Directive 2006 / 42 / EC = 2.0 dB(A)      Ⓞ With large support cushion  
 Ⓜ K-factor in accordance with Directive 2006 / 42 / EC = 2 m/s²



# HAND-HELD DRILLS AND ACCESSORIES

- For joiners, workmen, municipal workers, gardeners and landscapers
- For drilling wood, erecting fences and benches, and restoring timber structures
- For digging planting holes in garden design, from flowers to perennial plants
- Comprehensive range of practical accessories



## BT 45 WOOD DRILL

27.2 cm<sup>3</sup> • 0.8 kW / 1.1 hp • 4.8 kg<sup>Ⓞ</sup>

Hand-held drill with powerful petrol engine for drilling wood. Quick-release chuck with a chuck width of 13 mm as standard. Two forward gears, reverse gear and neutral position.



Order number **4314 200 0000**

## BT 45 PLANTING HOLE AUGER

27.2 cm<sup>3</sup> • 0.8 kW / 1.1 hp • 4.8 kg<sup>Ⓞ</sup>

Hand-held drill with powerful petrol engine for drilling planting holes. As standard with drill adapter and additional handle for drilling planting holes. Two forward gears, reverse gear and neutral position. Available with adapter and additional handle for drilling planting holes.



Order number **4314 200 0001**



## PAGE 461

### DYNAMIC DURO

These protective gloves made entirely from cowhide leather are comfortable and pleasant to wear, as well as being extremely durable and offering protection in accordance with EN 388 and EN 420.



<sup>Ⓞ</sup> Weight excluding fuel, fully assembled

## PARTS KITS (NOT PICTURED)

For drilling wood.

**Tool-free**  
Order number  
**4314 007 1000**

**With key**  
Order number  
**4314 007 1004**

## ADAPTER (NOT PICTURED)

**For drilling planting holes**  
Order number  
**4314 007 1000**

**For drilling ice**  
Order number  
**4314 007 1004**

## WATER ATTACHMENT SET

To adapt the hand-held drill for core drilling with water. Includes holder, hose connection with ball valve and coupling for core drill bit with 1/2" attachment up to 150 mm in diameter. For BT 45.



Order number **4314 007 1005**

## WOOD DRILL BITS

Hardened and laterally ground with spiral and spurs. With six-socket connector.

**Length 320 mm**  
Ø 13 mm  
Order number **4314 682 5013**

**Length 460 mm**  
Ø 19 mm  
Order number **4314 682 5019**

Ø 22 mm  
Order number **4314 682 5022**

Ø 25 mm  
Order number **4314 682 5025**



## DRILL CHUCK WITH KEY



**Chuck width 13 mm.**  
Order number **4314 710 6500**

## HARNESS

Enables easy transportation of the tool. For BT 45.



Order number **4314 710 9000**

## STRAP

Ideal for supporting the machine hands-free. For BT 45.



Order number **4314 710 6500**

## PLANTING AUGER BITS

Interchangeable head and M14 connection thread.

**Length 590 mm**  
Ø 3" (76 mm)  
Order number **4314 680 1903**

Ø 4" (102 mm)  
Order number **4314 007 1004**

Ø 5" (127 mm)  
Order number **4314 680 1905**



	Order number	Displacement (cm <sup>3</sup> )	Power output (kW/hp)	Weight (kg) <sup>Ⓞ</sup>	Sound pressure level <sup>Ⓞ</sup> (dB(A))	Sound power level <sup>Ⓞ</sup> (dB(A))	Vibration level, left/right <sup>Ⓞ</sup> (m/s <sup>2</sup> )	Spindle speed, lowest gear (rpm)	Spindle speed second gear (rpm)	Spindle speed, reverse gear (rpm)
<b>HAND-HELD DRILLS<sup>Ⓞ</sup></b>										
<b>BT 45</b> For drilling wood	<b>4314 200 0000</b>	27.2	<b>0.8</b> / 1.1	4.8	98	103	7.2 / 6.1	910	2,710	810
<b>BT 45</b> For drilling planting holes	<b>4314 200 0001</b>	27.2	<b>0.8</b> / 1.1	4.8	98	103	7.2 / 6.1	910	2,710	810

<sup>Ⓞ</sup> K-factor according to Directive 2006/42/EC = 2.0 dB(A)

<sup>Ⓞ</sup> K-factor according to Directive 2006/42/EC = 2 m/s<sup>2</sup>

<sup>Ⓞ</sup> Drilling tool not included in delivery



## TAKES CARE OF GREEN SPACES. IN ALL SORTS OF LOCATIONS.

Mistblowers, parts and accessories

323

Sprayers and accessories

326



## MISTBLOWERS IN DETAIL



### TECHNOLOGY

- 01 STIHL 2-MIX ENGINE**  
The STIHL 2-MIX engine is not only very powerful and reliable, but it also reduces exhaust pollution as well as consumption, and therefore operating costs.
- 02 2-IN-1 CONVERSION MECHANISM**  
The universal SR 450 can be quickly and easily switched from spraying to dusting – there's no need for a separate conversion kit or specialist technical skills.

### CONVENIENCE

- 03 TANK WITH LARGE FILLER OPENING**  
The large filler opening ensures the container can be filled quickly and cleanly. The inside of the container is easily accessible, making it simple to clean.
- 04 MEASURING SYSTEM WITH CONVENIENT DOSING LEVER**  
On the SR 450 the large metering lever for dusting or spraying granules is just below the control handle. In just a few seconds the flow of powder can be switched on and off, and the exact amount can be set in precise increments.
- 05 SINGLE-HANDED MULTI-FUNCTION HANDLE**  
The engine controls and the valve for the sprayer element are on the control handle. In addition to the engine controls, the sprayer element can be switched on and off quickly and effortlessly with one hand.

Please note that not all products are equipped with the features presented here. Only the most important features are described on this page. For further explanations and information, see from page 482 and online at [stihl.com](http://stihl.com).

## MISTBLOWERS, PARTS AND ACCESSORIES

- For use in orchards, vegetable cultivation and vineyards
- For spreading liquids, granules and seeds
- Ergonomic and less tiring
- Perfect for use on tall-growing plants

### SR 200

27.2 cm<sup>3</sup> • 10.0 l • 7.8 kg<sup>Ⓞ</sup>

Lightweight mistblower which is extremely comfortable to carry thanks to compact design and a centre of gravity that is close to the body. Ideal for crops up to 2.5 m in height. Straightforward starting technology, single-hand multi-function handle and protective collar with spill protection. Standard with cone, deflection and double-deflection mesh.

Order number **4241 011 2601**

### SR 430

63.3 cm<sup>3</sup> • 14.0 l • 12.2 kg<sup>Ⓞ</sup>

Powerful mistblower for a large spray range. Easy to start, comfortable shoulder straps and single-hand multi-function handle. Standard with cone, deflection and double-deflection mesh.

Order number **4244 011 2600**

### SR 420

56.5 cm<sup>3</sup> • 13.0 l • 11.1 kg<sup>Ⓞ</sup>

Powerful mistblower with comfortable shoulder straps. Standard with cone, deflection and double-deflection mesh.

Order number **4203 011 2619**

### SR 440

63.3 cm<sup>3</sup> • 20.0 l • 12.6 kg<sup>Ⓞ</sup>

Powerful mistblower with 20 liter tank and STIHL 2-MIX engine. Easy to start, comfortable straps, single-hand multi-function handle. Standard with cone, deflection and double-deflection mesh.

Order number **4244 011 2630**

<sup>Ⓞ</sup> Weight excluding fuel, fully assembled





**SR 450**  
63.3 cm<sup>3</sup> • 14.0 l • 12.8 kg<sup>①</sup>

Similar to the SR 430 version. Also fitted with a quick 2-in-1 conversion mechanism for dusting and spraying granules. Easy and precise dust metering.

Order number **4244 011 2641**



**SR 5600**  
56.5 cm<sup>3</sup> • 13.0 l • 11.2 kg<sup>①</sup>

Powerful mistblower with large spraying range and large-capacity spray tank. With comfortable straps, single-hand multi-function handle and locking gas for high working comfort.

Order number **4253 011 2600**



**SERVICE KIT 38**

Tackle your own straightforward maintenance work with the Service Kit 38 for STIHL petrol-driven blowers and mistblowers: each kit contains a spark plug, fuel filter, and paper air filter. With proactive, regular standard maintenance, you can protect your power tool against dirt and damage while also increasing its service life. The only additional maintenance item you need is the combination socket tool supplied with your STIHL power tool.

For BR 350, BR 430, BR 450, SR 430, and SR 450  
Order number **4244 007 4100**

**PRESSURE PUMP ATTACHMENT SET**

Increases the application rate while spraying upwards. Ideal for efficiently spraying medium to tall trees. Mixes the liquid in the tank.



For SR 430, SR 450  
Order number **4244 007 1004**

For SR 200 (not pictured)  
Order number **4241 007 1006**

**ULV NOZZLE SET**

For spreading small amounts of liquid.



For SR 430, SR 450  
Order number **4244 007 1022**

For SR 200 (not pictured)  
Order number **4241 007 1009**

**HIP BELT**

Distributes the weight across the hips and shoulders and therefore ensures heightened user-comfort.



For SR 200, SR 430, and SR 450  
Order number **4203 710 9102**

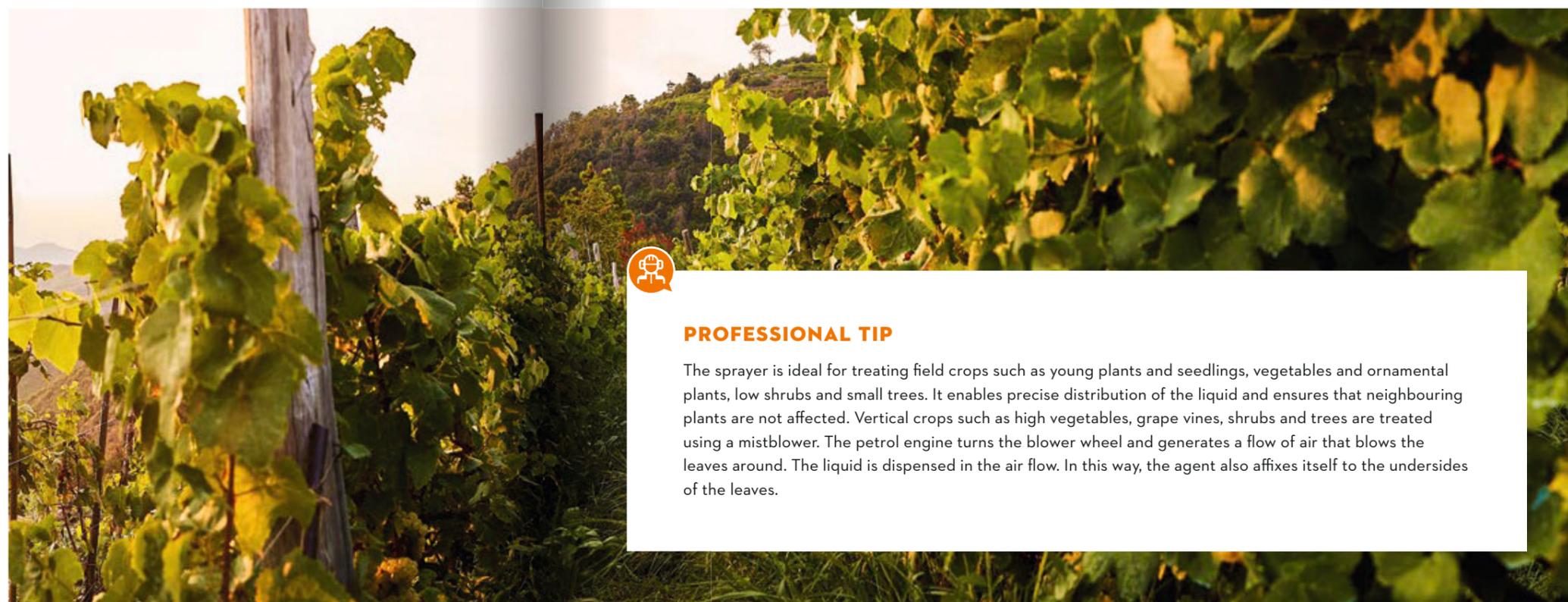
**EXTENSION HOSE**

Extends the spraying tube by 33 cm. Use with pressure pump is recommended.



For SR 430 and SR 450.  
Order number **4244 770 0300**

Order number	Displacement (cm <sup>3</sup> )	Container capacity (l)	Weight <sup>①</sup> (kg)	Sound pressure level <sup>②</sup> (dB(A))	Sound power level <sup>③</sup> (dB(A))	Vibration level <sup>④</sup> (m/s <sup>2</sup> )	STIHL engine (2-MIX / 4-MIX <sup>®</sup> )	Maximum air throughput <sup>⑤</sup> (m <sup>3</sup> /h)	Max. horizontal range (m)	STIHL anti-vibration system	STIHL ElastoStart	Long-life air filter system	Dusting function	One-handed multi-function handle
<b>MISTBLOWERS<sup>®</sup></b>														
<b>SR 200</b>	27.2	10.0	7.8	94	104	1.5	2-MIX	780	9.0	•	-	-	-	•
<b>SR 420</b>	4203 011 2619	56.5	13.0	11.1	114	2.3	2-MIX	750	12.0	•	•	•	•	•
<b>SR 430</b>	4244 011 2600	63.3	14.0	12.2	97	1.9	2-MIX	1,300	14.5	•	•	•	-	•
<b>SR 440</b>	4244 011 2630	63.3	20.0	12.6	97	1.9	2-MIX	1,300	14.5	•	•	•	•	•
<b>SR 450</b>	4244 011 2641	63.3	14.0	12.8	101	1.9	2-MIX	1,300	14.5	•	•	•	•	•
<b>SR 5600</b>	4253 011 2600	56.5	13.0	11.2	99	3.3	2-MIX	1,260	12.0	•	•	•	•	•



**PROFESSIONAL TIP**

The sprayer is ideal for treating field crops such as young plants and seedlings, vegetables and ornamental plants, low shrubs and small trees. It enables precise distribution of the liquid and ensures that neighbouring plants are not affected. Vertical crops such as high vegetables, grape vines, shrubs and trees are treated using a mistblower. The petrol engine turns the blower wheel and generates a flow of air that blows the leaves around. The liquid is dispensed in the air flow. In this way, the agent also affixes itself to the undersides of the leaves.

• Fitted as standard  
 ① Weight excluding fuel, fully assembled  
 ② K-factor in accordance with Directive 2006 / 42 / EC = 2.0 dB(A)  
 ③ K-factor in accordance with Directive 2006 / 42 / EC = 2 m/s<sup>2</sup>  
 ④ Without blowing system  
 ⑤ All local regulations must be followed when using mistblowers



# SPRAYERS AND ACCESSORIES

- Manual sprayers for use around the home and garden, and on medium-sized cultivation areas
- Battery sprayer for use in horticulture and landscaping, as well as in orchards and vegetable growing.
- For treating individual plants and precisely distributing liquid pesticides and fertilisers
- Perfect for use in fields and wide spaces



## SG 11

1.5 l • 0.46 kg<sup>①</sup>

Ergonomic hand sprayer for distributing liquid pesticides. Smooth-running pump for comfortable work. With hollow cone nozzle as standard.

Order number **4255 019 4910**



## SG 21

3.0 l • 1.2 kg<sup>①</sup>

Very manoeuvrable manual sprayer for use on balconies and in gardens. Comfortable transport thanks to harness. With hollow cone nozzle as standard.

Order number **4255 019 4921**



## SG 31

5.0 l • 1.8 kg<sup>①</sup>

Manual sprayer for domestic use. Easy handling due to large filler opening, ergonomic shut-off valve and telescopic tube. With hollow cone and fan jet nozzle as standard.

Order number **4255 019 4930**



① Weight when empty  
 ② Weight excluding fuels and lubricants  
 ③ Weight excluding battery and contents  
 ④ For explanation of symbols, see page 482

## SG 51

12.0 l • 4.5 kg<sup>②</sup>

Backpack sprayer for occasional and professional users. Increased user comfort with option to mount pump lever on either side, as well as width and length adjustment. Robust design for long service life, even when used professionally. Approx. height 50 cm, approx. width 50 cm, approx. depth 22 cm.

Order number **4255 019 4950**



## SG 71

18.0 l • 4.8 kg<sup>②</sup>

Backpack sprayer for professional users. Increased user comfort with option to mount pump lever on either side, as well as width and length adjustment. High-quality straps and moulded back panel make it very comfortable to wear. Ergonomic shut-off valve with pressure gauge. Approx. height 55 cm, approx. width 50 cm, approx. depth 22 cm.

Order number **4255 019 4970**



## SG 230

40.2 cm<sup>3</sup> • 1.55 kW / 2.1 hp • 13.3 kg<sup>②</sup>

Compact sprayer with a large spraying range for applying liquid pesticides even in hard-to-reach and remote areas. The sturdy carrying frame ensures good stability on a range of surfaces. With suction hose, suction basket and return hose as standard. Available as accessories: spray lance and 30 m spray hose for extended range.

Order number **SB02 011 6700**



ACCESSORIES:  
HIP BELT WITH  
HOLSTER



APIII  
SYSTEM  
AP 200

## SGA 85

36 V • 17.0 l • 6.2 kg<sup>③</sup>

Easy-to-use battery sprayer for application of liquid pesticides and fertiliser in horticulture and landscaping, as well as in orchards and vegetable cultivation. Particularly effective thanks to a powerful membrane pump with 6 bar of operating pressure. Adjustable nozzle from hollow-cone to full jet, control knob facilitates infinitely variable pressure adjustment during work, wide filler opening for easy tank filling, secure clip to hold the lance during breaks. Ergonomic carrying system with adjustable chest strap for very comfortable work. Additional hip belt as well as various nozzles are available as accessories for a range of uses and applications.

SGA 85 excluding battery and charger  
 Order number **4854 011 7000**



## HIP BELT WITH HOLSTER

Makes it easier to carry the SGA 85 battery sprayer when full. The SGA 85 lance can be fastened into the hip belt holster during breaks.

Order number **4854 710 9100**



**SUITABLE BATTERIES AND OTHER ACCESSORIES**

SEE FROM PAGE 38



	Order number	Displacement (cm <sup>3</sup> )	Rated voltage (V)	Power output (kW/hp)	Container capacity (l)	Weight (kg)	Volume flow rate (l/min)	Max. working pressure (bar)	Sound pressure level <sup>ⓐ</sup> (dB(A))	Sound power level <sup>ⓐ</sup> (dB(A))	Vibration level, right <sup>ⓐ</sup> (m/s <sup>2</sup> )	STIHL battery power system	Pressure gauge
<b>MANUAL SPRAYERS<sup>ⓐ</sup></b>													
SG 11	4255 019 4910	-	-	-	1.5	0.46 <sup>ⓐ</sup>	-	-	-	-	-	-	-
SG 21	4255 019 4921	-	-	-	3.0	1.2 <sup>ⓐ</sup>	-	-	-	-	-	-	-
SG 31	4255 019 4930	-	-	-	5.0	1.8 <sup>ⓐ</sup>	-	-	-	-	-	-	-
SG 51	4255 019 4950	-	-	-	12.0	4.5 <sup>ⓐ</sup>	-	-	-	-	-	-	●
SG 71	4255 019 4970	-	-	-	18.0	4.8 <sup>ⓐ</sup>	-	-	-	-	-	-	●
<b>PETROL SPRAYER<sup>ⓐ</sup></b>													
SG 230	SB02 011 6700	40.2	-	1.55/2.1	-	13.3 <sup>ⓐ</sup>	10.5	25	-	-	-	-	-
<b>BATTERY SPRAYER<sup>ⓐ</sup></b>													
SGA 85	4854 011 7000	-	36	-	17.0	6.2 <sup>ⓐ</sup>	-	-	66.0	77.0	0.9	AP-System	●

	Order number	Suitable for sprayers	Spraying angle / spray pattern <sup>ⓐ</sup>	Material	Optimal spraying pressure (bars)	Use
<b>ACCESSORIES FOR SPRAYERS</b>						
<b>EXTENSION HOSE</b>						
	4255 500 0301	SG 11 (length 20 cm)	110°	plastic	-	Fitted with a fan jet nozzle for treating plants that are difficult to get to, like thorny bushes and roses.
	4255 500 0303	SG 21, SG 31, SG 51, SG 71, SGA 85 (length 50 cm)	-	Brass	-	For precise application from greater distances, for example of trees and shrubs.
<b>TELESCOPIC TUBES</b>						
	4255 500 0900	SG 51, SG 71, SGA 85 (length 52 - 90 cm)	-	plastic	-	Can be continuously extended to increase the spray range to up to 90 cm.
	4255 500 2101	SG 31, SG 51, SG 71, SGA 85 (length 159 - 300 cm)	-	Brass	-	Can be continuously extended to increase the spray range to up to 300 cm.
<b>SPRAY LANCE</b>						
	SB02 500 0901	SG 230	-	-	-	For an accurate spray pattern.
<b>HOSE</b>						
	SB02 500 0800	SG 230 (length 30 m)	-	-	-	For covering a large area without moving the SG 230.
<b>SPRAY GUARD</b>						
	4255 500 5800	SG 21, SG 31, SG 51, SG 71, SGA 85	80°	plastic	-	Minimises the wind contact area and therefore reduces spray drift. Prevents the spray from coming into contact with nearby plants.

● Fitted as standard  
<sup>ⓐ</sup> Weight when empty  
<sup>ⓑ</sup> Weight excluding fuel and content  
<sup>ⓒ</sup> Weight excluding battery and contents  
<sup>ⓓ</sup> K-factor in accordance with Directive 2006/42/EC = 2.0 m/s<sup>2</sup>  
<sup>ⓔ</sup> K-factor in accordance with Directive 2006/42/EC = 2.0 dB(A)  
<sup>ⓕ</sup> K-factor in accordance with Directive 2006/42/EC = 2.0 m/s<sup>2</sup>  
<sup>ⓖ</sup> All local regulations must be followed when using sprayers  
<sup>ⓗ</sup> More information is available on page 486

	Order number	Suitable for sprayers	Spraying angle / spray pattern <sup>ⓐ</sup>	Material	Optimal spraying pressure (bars)	Use
<b>ACCESSORIES FOR SPRAYERS</b>						
<b>DUAL NOZZLE</b>						
	4255 500 8500	SG 21, SG 31, SG 51, SG 71, SGA 85	85°	plastic	2.0	Ideal for treating large surfaces or two flower beds at the same time, nozzle direction can be individually adjusted.
<b>PRESSURE VALVES</b>						
	4255 500 7403	SG 31, SG 51, SG 71 (colour: yellow)	-	-	1.0	Keeps the pressure constant (depending on version) within a margin of ±10%. The constant pressure reduces fluctuations in the application rate, meaning you can work more effectively.
	4255 500 7404	SG 31, SG 51, SG 71 (colour: red)	-	plastic	1.5	
	4255 500 7405	SG 31, SG 51, SG 71 (colour: blue)	-	plastic	2.0	
<b>NOZZLE SET</b>						
	4255 007 1000	SG 11, SG 21, SG 31, SG 51, SG 71, SGA 85	80° 85°	plastic	-	Includes two fan jet nozzles for treating large areas and two hollow cone nozzles for spraying individual plants. (A nozzle holder is required for mounting onto SG 11, SG 21, SG 51, SG 71 and SGA 85.)
<b>WIDE BRASS SPRAY BARS</b>						
	4255 500 9702	SG 51, SG 71, SGA 85 (length 100 cm)	80°	Brass	2.0	Wide spray bars with three fan jet nozzles for spreading pesticides over large areas. Get your work done more quickly with a larger working width.
<b>FAN JET NOZZLE 80-04</b>						
	4255 502 1700	SG 21, SG 31, SG 51, SG 71, SGA 85	80°	Brass	2.0	Fan jet nozzle with large calibre for application across a large area. Highly suitable for coarse-droplet weed killing. (A nozzle holder is required for mounting onto SG 21, SG 51, SG 71 and SGA 85.)
<b>FINE FILTER 100 µm FOR SHUT-OFF VALVE</b>						
	4255 502 0701	SG 31, SG 51, SG 71, SGA 85	-	plastic	-	Fine filter for the shut-off valve. Low throughput prevents blocking of nozzles.
<b>ADJUSTABLE NOZZLE</b>						
	4255 700 6302	SG 21, SG 31, SG 51, SG 71, SGA 85	0-90°	Brass	2.0	With the adjustable brass nozzle, the spray pattern can be adjusted from hollow cone to full jet. For an optimal spray result even under varying conditions or in different applications.
<b>FAN JET NOZZLE 65-0025</b>						
	4255 502 1701	SG 21, SG 31, SG 51, SG 71, SGA 85	75°	Brass	2.0	Fan jet nozzle with small calibre and low throughput for very fine and targeted spray distribution. (A nozzle holder is required for mounting onto SG 21, SG 51, SG 71 and SGA 85.)
<b>HOLLOW CONE NOZZLE 2.5 mm</b>						
	4255 700 6303	SG 21, SG 31, SG 51, SG 71, SGA 85	65°	Brass	2.0	Special nozzle with large calibre for high throughput amounts.
<b>FULL CONE NOZZLE</b>						
	4255 700 6304	SG 21, SG 31, SG 51, SG 71, SGA 85	60°	Brass	2.0	Full cone nozzle with low throughput. Ideal for exact metering for animal repellent or herbicides. (A nozzle holder is required for mounting onto SG 21, SG 51, SG 71 and SGA 85.)
<b>NOZZLE HOLDER</b>						
	4255 500 2800	SG 21, SG 51, SG 71, SGA 85	-	plastic	-	Necessary for mounting the fan jet nozzle, full cone nozzle or nozzle set on the power tool.





# CLEANING AND TIDYING



BLOWERS



VACUUM SHREDDER



SWEEPING MACHINES



HIGH-PRESSURE CLEANER



WET/DRY VACUUMS



WATER PUMPS



GARDEN SHREDDERS

## DIRT COMES IN MANY FORMS. BEAT THEM ALL WITH OUR DIVERSE TOOLS.

Blowers, accessories and parts	<b>335</b>	Cleaning agents for high-pressure cleaners	<b>366</b>
Vacuum shredders, accessories and parts	<b>348</b>	High-pressure cleaners for professional use	<b>368</b>
Sweeping machines	<b>353</b>	Accessories for high-pressure cleaners, professional range	<b>370</b>
Compact/mid-range high-pressure cleaners	<b>356</b>	Wet/dry vacuums	<b>377</b>
Accessories for compact/mid-range high-pressure cleaners	<b>362</b>	Accessories for wet/dry vacuums	<b>380</b>



## BLOWERS IN DETAIL



### TECHNOLOGY

#### 01 STIHL ELASTOSTART

A special dampener in the starter grip reduces jerking forces during starting. Muscles and joints are protected by smooth start-up.

#### 02 HD2 FILTER

Keeps even the finest dust away from the engine, ensuring a particularly long service life. Special material means it can easily be washed clean using STIHL VarioClean or VarioClean Eco and warm water, for example.

### CONVENIENCE

#### 03 STIHL ANTI-VIBRATION SYSTEM

Enables more comfortable work, as buffer and spring elements reduce the transmission of engine vibrations to the operator's arms and hands.

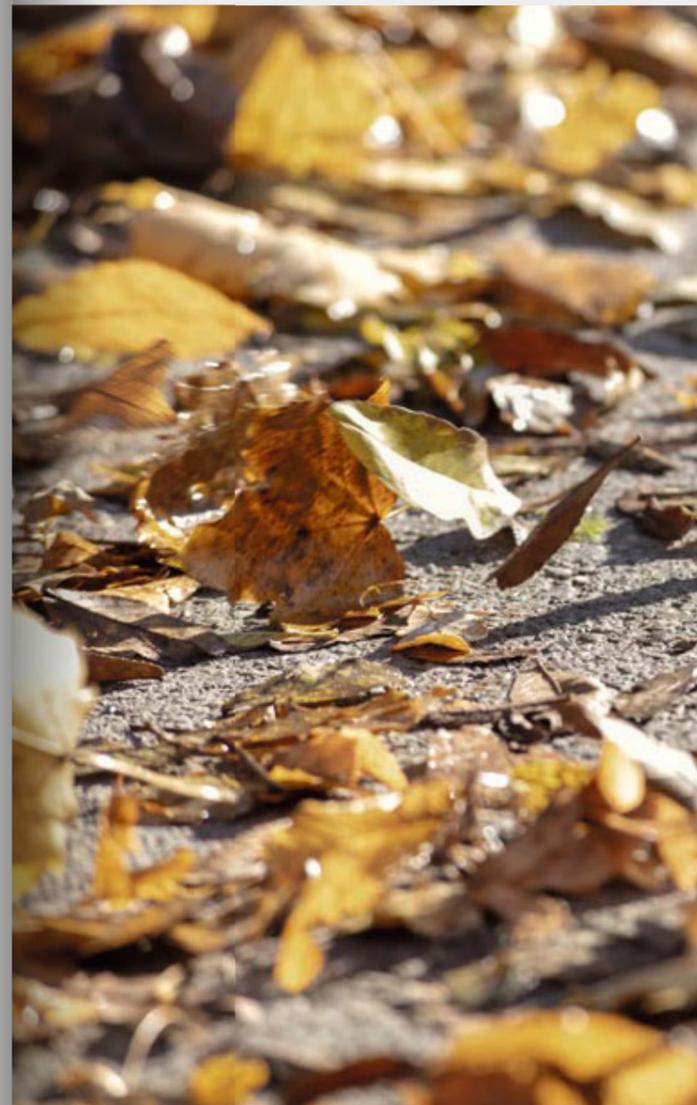
#### 04 LOCKING THROTTLE LEVER WITH STOP BUTTON

The throttle lever can be locked in full throttle position. A flick of the thumb shuts off the engine. The tool is then immediately ready to start again.

Please note that not all products are equipped with the features presented here. Only the most important features are described on this page. For further explanations and information, see from page 482 and online at [stihl.com](http://stihl.com).

## PETROL BLOWERS

- For use in residential areas by building maintenance services, landscape gardening companies, public authorities
- Hand-held and backpack version
- Powerful and efficient
- Very comfortable to use



ONLY AVAILABLE IN  
SELECTED MARKETS

### BG 50

13 N<sup>Ⓢ</sup> · 3.6 kg<sup>Ⓢ</sup>

Lightweight blower for use around the garden and grounds maintenance. Round nozzle, single-piece blower tube, throttle lever for infinitely variable speed control.

Order number 4241 011 1730



### BG 56

13 N<sup>Ⓢ</sup> · 4.1 kg<sup>Ⓢ</sup>

Quickly clears leaves and grass cuttings. Round nozzle, stop button.

Order number 4241 011 1730



### BG 86

15 N<sup>Ⓢ</sup> · 4.4 kg<sup>Ⓢ</sup>

Suitable for clearing large areas of leaves and grass thanks to the new HD2 filter, as well as for work in very dusty areas. Round nozzle, flat nozzle, STIHL anti-vibration system, STIHL ElastoStart, locking throttle lever with stop button.

Order number 4241 011 1753

Ⓢ Power given in Newton (N) for comparison of blower outputs  
Ⓢ Weight excluding fuel, fully assembled



**BR 200**12 N<sup>①</sup> • 5.7 kg<sup>②</sup>

Compact and very light tool. STIHL anti-vibration system, straightforward start logic, locking throttle lever with stop button, carry handle.

Order number **4241 011 1605****BR 430**26 N<sup>①</sup> • 10.2 kg<sup>②</sup>

High-performance blower for easily removing grass and hedge cuttings, leaves and debris from large areas. Soft handle, STIHL anti-vibration system, wide shoulder straps, STIHL ElastoStart, straightforward start logic, locking throttle lever with stop button, carry handle.

Order number **4244 011 1620****BR 550**27 N<sup>①</sup> • 9.9 kg<sup>②</sup>

Powerful blower with length-adjustable blower tube and STIHL 4-MIX<sup>®</sup> engine for reduced noise during operation. Also makes it suitable for use in noise-sensitive areas. STIHL anti-vibration system, hip belt.

Order number **4282 011 1630****BR 350**17 N<sup>①</sup> • 10.1 kg<sup>②</sup>

Reliable entry-level tool for professionals. STIHL anti-vibration system, straightforward start logic, locking throttle lever with stop button, carry handle.

Order number **4244 011 1600**

START THE TOOL WITH THE PUSH OF A BUTTON

**BR 450 C-EF**28 N<sup>①</sup> • 11.5 kg<sup>②</sup>

Very powerful blower with STIHL ElectroStart for convenient restart while wearing on the back. Additional pull starter with STIHL ErgoStart for starting at temperatures below 0°C. Soft-grip handle, STIHL anti-vibration system, wide shoulder straps, straightforward start logic, locking throttle lever with stop button, infinitely variable blower tube adjustment, tool-free handle position adjustment.

Order number **4244 011 1632****BR 600**32 N<sup>①</sup> • 10.3 kg<sup>②</sup>

Extremely high-performance blower with good blowing power. Soft handle, STIHL anti-vibration system, STIHL 4-MIX<sup>®</sup> engine, wide, ergonomically shaped shoulder straps, hip belt, locking throttle lever with stop button, carry handle. The optional bike handle is recommended when working with curved nozzles for long periods.

Order number **4282 200 0022****BR 800 C-E**41 N<sup>①</sup> • 11.7 kg<sup>②</sup>

The most powerful STIHL blower. practical side start for convenient restart while wearing on the back. Tool-free adjustment of the handle position and infinitely variable adjustment of the blower tube. Soft handle, STIHL anti-vibration system, ergonomically shaped, wide shoulder straps, hip belt, chest belt, STIHL 4-MIX engine, simple start logic, infinitely variable locking throttle lever with stop button, carry handle.

Order number **4283 011 1603****BR 420**19 N<sup>①</sup> • 9.1 kg<sup>②</sup>

High-performance blower for removing grass and hedge cuttings, leaves and debris from large areas. STIHL anti-vibration system, wide shoulder straps, STIHL ElastoStart, locking throttle lever, and carry handle.

Order number **4203 011 1633**

QUIET VERSION

**BR 500**22 N<sup>①</sup> • 10.4 kg<sup>②</sup>

Active measures such as the STIHL 4-MIX<sup>®</sup> engine and passive measures such as the integrated muffler significantly reduce operating noise. This means it is particularly well-suited for large jobs in noise-sensitive areas. Softgrip handle, STIHL anti-vibration system, wide, ergonomically shaped shoulder straps, locking throttle lever with stop button, carry handle.

Order number **4282 200 0020****BR 700**35 N<sup>①</sup> • 10.9 kg<sup>②</sup>

Extremely high-performance blower with exceptional blowing power. Tool-free adjustment of the handle position and infinitely variable adjustment of the blower tube. Soft handle. STIHL anti-vibration system, STIHL 4-MIX<sup>®</sup> engine. Ergonomically shaped, wide shoulder straps, hip belt, locking throttle lever with stop button, carry handle. The optional bike handle is recommended when working with curved nozzles for long periods.

Order number **4282 200 0021****APPROPRIATE FUELS AND LUBRICANTS**

SEE FROM PAGE 404

## BATTERY BLOWERS

- Ideal for cleaning in noise-sensitive residential areas and hospital gardens, kindergartens, etc.
- Quietest blower in the range
- Battery and emissions-free

### BGA 60

THE MOST POWERFUL BATTERY BLOWER IN THE AK-SYSTEM

AK III  
SYSTEM  
AK 30

36 V · 15 N<sup>Ⓢ</sup> · 2.3 kg<sup>Ⓢ</sup>

Suitable for use in residential areas, for gathering dry or wet leaves, paper and other waste into piles.

BGA 60 excluding battery and charger  
Order number **BA04 011 5900**

BGA 60 set with AK 30 and AL 101  
Order number **BA04 011 5940**



AI III

AK III  
SYSTEM  
AK 20



### BGA 45

18 V · 5 N<sup>Ⓢ</sup> · 2.2 kg<sup>Ⓢ</sup>

Easy-to-maneuvre battery blower for cleaning small outdoor areas at home. Round nozzle, integrated lithium-ion battery (45 Wh) with charge-level indicator. Battery charging time 210 min / 300 min (80% / 100%).

Order number **4513 011 5900**



### BGA 57

36 V · 9 N<sup>Ⓢ</sup> · 2.3 kg<sup>Ⓢ</sup>

Pleasantly quiet battery blower. For use in residential areas for gathering leaves, grass, paper and other waste into piles. Round nozzle, softgrip handle, three-setting length-adjustable blower tube. Flat nozzle for increased air speed available as an accessory.

BGA 57 excluding battery and charger  
Order number **4523 011 5960**

BGA 57 set with AK 20 and AL 101  
Order number **4523 011 5970**

BGA 57 set with 2 × AK 20 and AL 101  
Order number **4523 200 0006**



#### VARIABLE BLOWING FORCE ADJUSTMENT

The blowing force can be controlled on an infinitely variable basis, depending on the cleaning job. Boost mode gives the BGA 60 up to 60% more blowing force compared to the BGA 57.

#### EASY ADJUSTMENT OF BLOWER TUBE LENGTH

The blower tool can be quickly and easily extended by up to 16 cm without the need for tools.

#### PROTECTION AGAINST WEAR

The metal ring protects the round nozzle from damage and wear.

#### ENERGY-EFFICIENT WORK

The EC electronics ensure that the EC engine is constantly supplied with the power level appropriate for the battery.



### BGA 86

36 V · 15 N<sup>Ⓢ</sup> · 2.8 kg<sup>Ⓢ</sup>

Comfortable-to-operate, powerful battery blower for professional use, particularly in urban areas such as playgrounds and car parks. For removing leaves, plant waste, and dirt. Round nozzle, soft handle, three-setting length-adjustable blower tube, adjustable blowing force. Flat nozzle for increased air speed available as an accessory.

BGA 86 excluding battery and charger  
Order number **BA02 011 5900**



### BGA 100

36 V · 17 N<sup>Ⓢ</sup> · 2.5 kg<sup>Ⓢ</sup>

Pleasantly quiet, lightweight and very powerful battery blower for professional use, especially in urban, noise-sensitive areas. Round nozzle, softgrip handle, four power levels including boost function, three-setting length-adjustable blower tube, lifting eyelet for support cushion (accessories). Flat nozzle for increased air speed available as an accessory. Battery operation via a connecting cable and battery belt, AP carrying system, or AR backpack battery (see page 45).

BGA 100 excluding battery and charger  
Order number **4866 011 5900**

Ⓢ Power given in Newton (N) for comparison of blower outputs  
Ⓢ Weight including battery

Ⓢ Weight excluding battery  
Ⓢ For explanation of symbols, see page 482



**BGA 200**36 V • 21 N<sup>①</sup> • 3.2 kg<sup>②</sup>

**INCLUDES  
COMFORT  
CARRYING  
SYSTEM**



**BGA 200** excluding battery and charger,  
including comfort carrying system  
Order number **BA01 200 0000**

Very powerful battery blower for professional use in urban and noise-sensitive areas. Flexible 2-in-1 power tool can be used both in hand-held mode for narrow and tight spaces and in mounted mode with the specially developed comfort carrying system for large areas or longer periods of use. It is possible to switch between the two modes at any time, quickly and easily. The curved shape of the BGA 200 ensures that, in spite of the powerful airflow, there is no tipping or turning effect on the blower – reducing the strain on your wrist. The second handle and locking throttle make it even more comfortable to work with. At the press of a button, the blower tube length can easily be adapted for different cleaning situations such as cleaning in corners. The standard comfort carrying system is attached to the hip belt of the carrying system for AR backpack batteries.

**BGA 300**

OUR MOST POWERFUL PROFESSIONAL BATTERY BLOWER



ACCESSORIES:  
**NEW**  
**ADA 1000  
DOUBLE  
BATTERY SLOT  
ADAPTER**



See page 344

36 V • 26 N<sup>①</sup> • 7.4 kg<sup>②</sup>

The most powerful battery blower from STIHL for professional applications in noise-sensitive areas. High air speed for quickly removing wet, heavy leaves. The unique STIHL Noise Reduction System makes this a very quiet tool. Variable blowing power adjustment with four available settings including Boost. Rapid adjustment of the blower tube length and handle position. Ergonomic carrying system with hip belt. Can be used with AR L backpack batteries as well as the new ADA 1000 double battery slot adapter with up to two AP batteries. Backpack AR L battery, ADA 1000 and AP batteries not included.

**BGA 300** excluding battery and charger  
Order number **BA03 011 5910**

① Power given in Newton (N) for comparison of blower outputs

② Weight excluding battery

③ For explanation of symbols, see page 482

**ALWAYS THE RIGHT POWER  
AT THE PRESS OF A BUTTON**

For optimum energy management, the control handle with LED display can be used to quickly and easily adapt the blowing force to the respective cleaning task, with four predefined power levels to choose from, including boost mode.

**THE HIGHEST LEVEL OF COMFORT**

The ergonomic carrying system with high-quality shoulder straps and hip belt ensure very comfortable work.

**READY FOR ANY CHALLENGE**

Using a quick-release connection, the blower tube length can be easily adapted for different cleaning situations such as cleaning in corners.

**UNIQUE: THE STIHL NOISE REDUCTION SYSTEM**

The innovative technology reduces noise emissions for inhabitants as well as passers-by in three ways: 1. It reduces volume to a maximum of 94 dB(A). 2. It creates a more pleasant sound pattern. 3. Noise peaks at the high-performance turbine input are reduced to such an extent that uniformly low noise emissions are achieved all around the power tool – a full 360°.

**FULL FLEXIBILITY**

Choose between low weight and a long runtime. The new ADA 1000 double battery slot adapter means you can use AP batteries for lower weight. Our backpack AR L batteries are available for longer runtimes.



## ELECTRIC BLOWERS

- For domestic use around the home
- Ideal for frequent use on private grounds
- Comfortably quiet operation
- High blowing power



### BGE 71

230 V • 1.1 kW • 9 N<sup>①</sup> • 3.0 kg<sup>②</sup>

For cleaning small to medium outdoor spaces around the home. Flat nozzle, cable strain relief, can also be used as a vacuum shredder in conjunction with the retrofittable vacuum attachment.

Order number **4811 011 1544**



### BGE 81

230 V • 1.4 kW • 12 N<sup>①</sup> • 3.3 kg<sup>②</sup>

For cleaning large outdoor domestic spaces. Flat nozzle, soft handle, infinitely variable speed control, lock button to lock air stream, cable strain relief, can also be used as a vacuum shredder with the retrofittable vacuum attachment.

Order number **4811 011 1552**



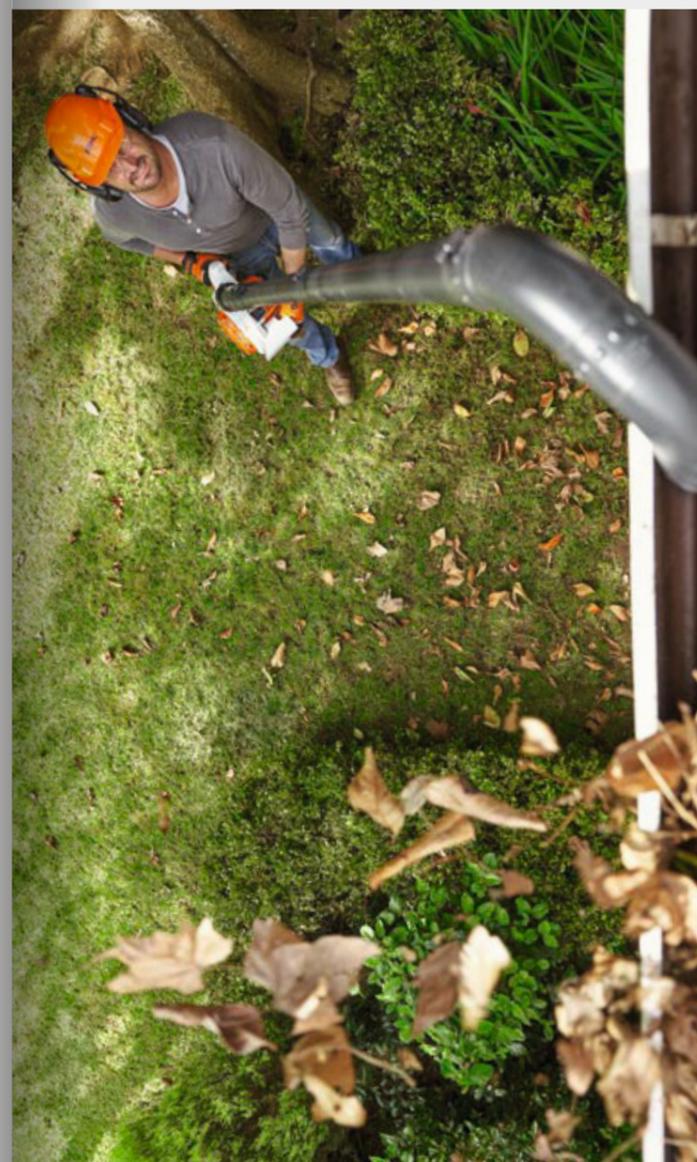
### PROFESSIONAL TIP

Your electric blower can easily be used as a vacuum shredder that shreds the vacuumed leaves straight away before they're put into the collection bag. The shredded leaves can then ideally be used for mulching. To do this you simply need the attachment set for electric blowers, which you can find on the right.

<sup>①</sup> Power given in Newton (N) for comparison of blower outputs  
<sup>②</sup> Weight excluding cable

## BLOWER ACCESSORIES AND PARTS

- For performing straightforward standard maintenance tasks
- For extending the range of possible applications
- For increasing comfort as you work



### SERVICE KITS

Tackle your own straightforward maintenance work with the Service Kits for STIHL petrol-driven blowers and mistblowers as well as vacuum shredders: each kit contains a spark plug, fuel filter, and air filter. With proactive, regular standard maintenance, you can protect your power tool against dirt and damage while also increasing its service life. The only additional maintenance item you need is the combination socket tool supplied with your STIHL power tool.

**Service Kit 33** for BG 45, BG 55, 85 SH, 55, SH 85  
 Order number **4229 007 4100**

**Service Kit 36** for BG 56, BG 66, BG 86 (machine numbers < 290821925), SH 56, SH 86 (machine numbers < 290657469)  
 Order number **4241 007 4100**

**Service Kit 37** for BG 86 (machine number > 290871694), SH 86 (machine number > 291051831)  
 Order number **4241 007 4101**

**Service Kit 38** for BR 350, BR 430, BR 450, SR 430 and SR 450  
 Order number **4244 007 4100**

**Service Kit 39** for BR 500, BR 600, and BR 700  
 Order number **4282 007 4100**

**Service Kit 40** for BR 800  
 Order number **4283 007 4101**

### VACUUM ATTACHMENTS

For converting the electric blower into an electric vacuum shredder.



**For BG 56 and BG 86**  
 Order number **4241 700 2200**

For converting the blower into an electric vacuum shredder.



**For BGE 71 and BGE 81**  
 Order number **4811 700 2201**



### PROFESSIONAL TIP

For an even finer shredding result, we recommend also installing the optional metal shredder blade as well as the vacuum attachment.





### COMFORT CARRYING SYSTEM

The comfort carrying system enables the BGA 200 to be used in different ways – either hand-held or hooked into a slot on the side of the user's body. These two modes can be switched between easily and incredibly rapidly, making your work so much easier – particularly during longer periods of use. The comfort carrying system can only be used in combination with a carrying system for AR backpack batteries. It cannot be used with the battery belt or the AP carrying system. AR batteries and the AR carrying system are not included in delivery.

For BGA 200  
Order number **BA01 490 0400**

### HIP BELTS

Equally distributes the weight across the hips. Soft padding.



For BR 350, BR 430, BR 450  
Order number **4203 710 9102**

For BR 500  
Order number **4282 710 9101**

### CHEST BELT

Ensures the shoulder straps are securely positioned.



For BR 200, BR 350, BR 430, BR 450, BR 500, BR 600, BR 700 and BGA 300  
Order number **0000 790 7700**

### SUPPORT CUSHION SET

Support cushion with harness adapter for securing the support cushion to the battery belt with harness, on the AP or AR L carrying system. Not suitable for combination with the modular harness system.



For BGA 100, FSA 120, FSA 120 R, FSA 200 R, FSA 200, FSA 135, FSA 135 R and RGA 140  
Order number **0000 007 1045**

Ⓞ Full functionality only available with BGA 300 from generation .1 onward (BA03 011 5910).  
No automatic switching to second battery slot with BGA 300 Generation .0 (BA03 011 5900).  
To determine the generation, please check the information on the rating plate of your power tool.

### CARRY BAG



Lightweight, durable bag for transport and storage of all STIHL KombiEngines with a loop handle, and the FS-KM or HL-KM KombiTools. Also ideal for the KMA 80 R, KMA 120 R, KMA 135 R, HSA 50, HSA 60, HSA 100, HLA 56, BGA 57, BGA 60, BGA 86 and BGA 100 battery power tools, each with one battery and charger. The contents shown are not included with the bag.

Order number **0000 881 0507**

### GUTTER-CLEANING SET

For clearing dirt and leaves. Approx. 3 m long blower tube.



For BG 56, BG 66, BG 86, BGE 71 and BGE 81  
Order number **4241 007 1003**

### BIKE HANDLE

Distributes recoil from the blower onto both arms. Highly recommended for use with curved nozzles.



For BR 350, BR 430, BR 450, BR 500, BR 600, BR 700, BR 800 and BGA 300  
Order number **4282 790 1700**

### NEW ADA 1000

Double battery slot adapter for using two AP batteries. Automatic switching to the second battery as soon as the first is flat. AP batteries not included.



For BGA 300<sup>Ⓞ</sup> and RMA 765 V  
Order number **6909 400 4300**



	Order number	Shape	Suitable for blower	Use
<b>FLAT NOZZLES</b>				
	4866 701 8301	straight	BGA 57, BGA 86, BGA 100	Makes heavy or wet blowable materials easier to remove thanks to the high air speed.
	4241 708 6302	curved	BG 56, BG 86, BGE 71, BGE 81, and SHA 56	
	4282 708 6340	curved	BR 430, BR 500, BR 600	Enables work on large surfaces, directs the air stream parallel to the ground.
	4282 708 6304	curved	BR 700, BR 800, BGA 300	
<b>ROUND NOZZLES</b>				
	4244 708 6300	straight	BR 350	
	4282 708 6360	straight	BR 430	For effortless operation due to straight nozzle shape.
	4244 708 6301	straight	BR 450, BGA 300	
	4282 708 6303	curved	BR 800	For extending the blower tube of the BR 800 compared to the standard straight nozzle. We recommend using the tool with the bike handle 4282 790 1700 for effortless work.



Order number	Displacement (cm³)	Rated voltage (V)	Power consumption (kW)	Weight (kg)	Blowing force <sup>Ⓞ</sup> (N)	Max. air speed (m/s) with round nozzle / flat nozzle	Air throughput (m³/h) with round nozzle / flat nozzle	Sound pressure level <sup>Ⓢ</sup> (dB(A))	Sound power level <sup>Ⓢ</sup> (dB(A))	Vibration level, right <sup>Ⓢ</sup> (m/s²)	STIHL engine (2-MIX / 4-MIX <sup>®</sup> ) / STIHL battery system	Round nozzle / flat nozzle	STIHL anti-vibration system	STIHL ElastoStart / ErgoStart	STIHL side start	STIHL ElectroStart	Chest belt / hip belt	Vacuum attachment	
<b>PETROL BLOWERS</b>																			
<b>BG 50</b>	4241 011 1730	27.2	-	-	3.6 <sup>Ⓢ</sup>	13	71/-	700/-	92	105	10.5	2-MIX	●/○	-	○/-	-	-	-/-	○
<b>BG 56</b>	4241 011 1750	27.2	-	-	4.1 <sup>Ⓢ</sup>	13	71/-	700/-	90	104	8.0	2-MIX	●/○	-	○/-	-	-	-/-	○
<b>BG 86</b>	4241 011 1753	27.2	-	-	4.4 <sup>Ⓢ</sup>	15	76/89	755/620	90	104	2.5	2-MIX	●/●	●	●/-	-	-	-/-	○
<b>BR 200</b>	4241 011 1605	27.2	-	-	5.7 <sup>Ⓢ</sup>	12	67/-	680/-	96	103	3.0	2-MIX	●/-	●	-/-	-	-	○/-	-
<b>BR 350</b>	4244 011 1600	63.3	-	-	10.1 <sup>Ⓢ</sup>	17	90/-	740/-	98	106	3.9	2-MIX	●/○	●	-/-	-	-	○/○	-
<b>BR 420</b>	4203 011 1633	56.5	-	-	9.1 <sup>Ⓢ</sup>	19	95/-	850/-	101	109	1.3	-	●/○	●	●/-	-	-	○/○	-
<b>BR 430</b>	4244 011 1620	63.3	-	-	10.2 <sup>Ⓢ</sup>	26	98/-	850/-	101	108	2.5	2-MIX	●/○	●	●/-	-	-	○/○	-
<b>BR 450 C-EF</b>	4244 011 1632	63.3	-	-	11.5 <sup>Ⓢ</sup>	28	99/-	1,090/-	102	109	2.5	2-MIX	●/-	●	-/●	-	●	○/○	-
<b>BR 500</b>	4282 200 0020	64.8	-	-	10.4 <sup>Ⓢ</sup>	22	93/-	925/-	90	100	1.4	4-MIX <sup>®</sup>	●/○	●	-/-	-	-	○/○	-
<b>BR 550</b>	4282 011 1630	64.8	-	-	10.1 <sup>Ⓢ</sup>	27	113/-	930/-	98	107	1.6	4-MIX <sup>®</sup>	●/-	●	-/-	-	-	●/●	-
<b>BR 600</b>	4282 200 0022	64.8	-	-	10.3 <sup>Ⓢ</sup>	32	106/-	1,150/-	100	108	1.8	4-MIX <sup>®</sup>	●/○	●	-/-	-	-	○/●	-
<b>BR 700</b>	4282 200 0021	64.8	-	-	10.9 <sup>Ⓢ</sup>	35	88/-	1,550/-	101	109	2.5	4-MIX <sup>®</sup>	●/○	●	-/-	-	-	○/●	-
<b>BR 800 C-E</b>	4283 011 1603	79.9	-	-	11.7 <sup>Ⓢ</sup>	41	97/-	1,700/-	104	112	3.5	4-MIX <sup>®</sup>	●/-	●	-/●	●	-	●/●	-
<b>BATTERY BLOWERS</b>																			
<b>BGA 45</b>	4513 011 5900	-	18	-	2.2 <sup>Ⓢ</sup>	5	44/-	420/-	76	87	3.2	Al-Line	●/-	-	-/-	-	-	-/-	-
<b>BGA 57</b>	4523 011 5960	-	36	-	2.3 <sup>Ⓢ</sup>	9	55/60	620/560	79	90	0.6	AK-System	●/○	-	-/-	-	-	-/-	-
<b>BGA 57 SET</b> with AK 20 + AL 101	4523 011 5970	-	36	-	3.5 <sup>Ⓢ</sup>	9	55/60	620/560	79	90	0.6	AK-System	●/○	-	-/-	-	-	-/-	-
<b>BGA 57 SET</b> with 2 × AK 20 + AL 101	4523 200 0006	-	36	-	3.5 <sup>Ⓢ</sup>	9	55/60	620/560	79	90	0.6	AK-System	●/○	-	-/-	-	-	-/-	-
<b>BGA 60</b>	BA04 011 5900	-	36	-	2.3 <sup>Ⓢ</sup>	15 <sup>Ⓢ</sup>	69 <sup>Ⓢ</sup> /-	780 <sup>Ⓢ</sup> /-	76	89	1.2	AK-System	●/-	-	-/-	-	-	-/-	-
<b>BGA 60 SET</b> with AK 30 + AL 101	BA04 011 5940	-	36	-	3.5 <sup>Ⓢ</sup>	15 <sup>Ⓢ</sup>	69 <sup>Ⓢ</sup> /-	780 <sup>Ⓢ</sup> /-	76	89	1.2	AK-System	●/-	-	-/-	-	-	-/-	-
<b>BGA 86</b>	BA02 011 5900	-	36	-	2.8 <sup>Ⓢ</sup>	15	69/76	780/710	79	90	0.5	AP-System	●/○	-	-/-	-	-	-/-	-
<b>BGA 100</b>	4866 011 5900	-	36	-	2.5 <sup>Ⓢ</sup>	17 <sup>Ⓢ</sup>	75 <sup>Ⓢ</sup> /81	840 <sup>Ⓢ</sup> /760	80	90	0.9	AP-System	●/○	-	-/-	-	-	-/-	-
<b>BGA 200</b>	BA01 200 0000	-	36	-	3.2 <sup>Ⓢ</sup>	21 <sup>Ⓢ</sup>	84 <sup>Ⓢ</sup> /-	940 <sup>Ⓢ</sup> /-	80	91	0.7	AP-System	●/-	-	-/-	-	-	-/-	-
<b>BGA 300</b>	BA03 011 5910	-	36	-	7.4 <sup>Ⓢ</sup>	26 <sup>Ⓢ</sup>	86 <sup>Ⓢ</sup> /-	970 <sup>Ⓢ</sup> /-	84	94	0.2	AP-System	●/○	-	-/-	-	-	○/●	-
<b>ELECTRIC BLOWERS</b>																			
<b>BGE 71</b>	4811 011 1544	-	230	1.1	3.0 <sup>Ⓢ</sup>	9	-/70	-/485	85	100	1.0	-	-/●	-	-/-	-	-	-/-	○
<b>BGE 81</b>	4811 011 1552	-	230	1.4	3.3 <sup>Ⓢ</sup>	12	-/82	-/565	89	103	4.1	-	-/●	-	-/-	-	-	-/-	○

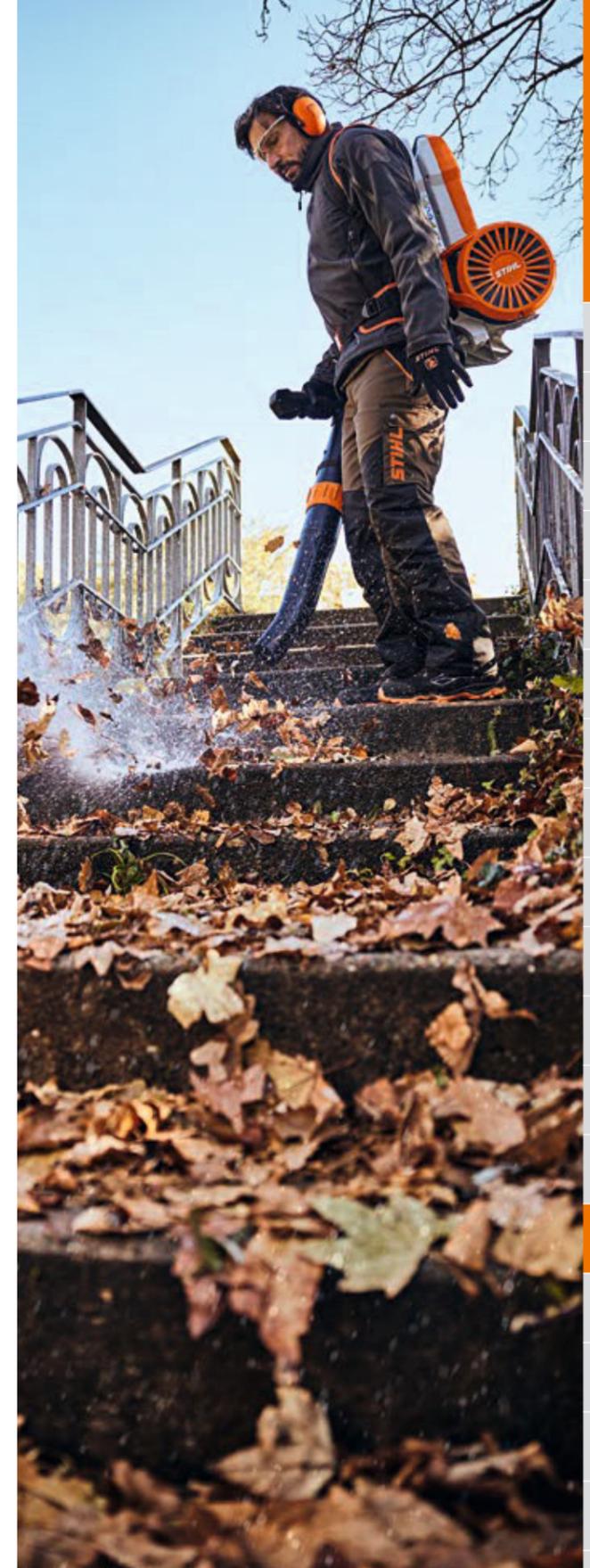
● Fitted as standard  
○ Retrofittable (accessory)

C = Comfort version  
E = STIHL ErgoStart  
F = STIHL Electrostart

Ⓢ Power given in Newton (N) for comparison of blower outputs  
Ⓢ K-factor in accordance with Directive 2006/42/EC = 2.0 dB(A)  
Ⓢ K-factor in accordance with Directive 2006/42/EC = 2 m/s²

Ⓢ Weight excluding fuel, fully assembled  
Ⓢ Weight including battery  
Ⓢ Weight excluding battery  
Ⓢ Weight including battery, excluding charger

Ⓢ Weight excluding cable  
Ⓢ In boost



# VACUUM SHREDDERS, ACCESSORIES AND PARTS

- For a wide range of shredding and blowing work e.g. removing and shredding leaves and cuttings
- For use in residential areas as well as by groundskeeping and cleaning operations
- All vacuum shredders can also be used as blowers



**SH 56**  
27.2 cm<sup>3</sup> · 5.4 kg<sup>①</sup>

Ideal for cleaning medium-sized areas. Infinitely variable speed control, round nozzle.

Order number **4241 011 0928**

**Additional versions:**  
SH 56 C-E **4241 011 0929**



**SH 86**  
27.2 cm<sup>3</sup> · 5.8 kg<sup>①</sup>

Ideal for cleaning large areas. Infinitely variable speed control, round nozzle, flat nozzle, lock button, STIHL ElastoStart, STIHL anti-vibration system, HD2 filter.

Order number **4241 011 0932**



## APPROPRIATE FUELS AND LUBRICANTS

SEE FROM PAGE 404



## SUITABLE BATTERIES AND OTHER ACCESSORIES

SEE FROM PAGE 65

C = Comfort version  
E = STIHL ErgoStart

ACCESSORIES:  
**COLLECTION BAG ATTACHMENT SET**



See page 350



**AKIII SYSTEM**  
AK 20

**INCLUDING BLOWER TUBE AND COLLECTION BAG**



**SHA 56**  
36 V · 4.2 kg<sup>①</sup>



A practical 2-in-1 tool for vacuuming leaves and hedge trimmings as well as blowing foliage and paper into piles. Converts easily from vacuum shredder to blower - no tools required. Turning handle with variable speed regulator for excellent ergonomics in both operating modes. Additional front handle, metal star-shaped shredder and padded harness for use as a vacuum shredder. The standard collection bag hooks onto the suction tube and has an asymmetrical design to facilitate maximum legroom. Backpack collection bag available as an accessory. Round nozzle and two-setting length-adjustable blower tube when used as a blower. Flat nozzle for increased air speed available as an accessory.

**SHA 56** excluding battery and charger  
Order number **SA02 011 7100**

**SHA 56 set** with AK 20 and AL 101  
Order number **SA02 200 0000**



**SHE 71**  
230 V · 1.1 kW · 4.1 kg<sup>②</sup>

Perfect for use in residential areas. Flat nozzle, blower function.

Order number **4811 011 0819**



**SHE 81**  
230 V · 1.4 kW · 4.5 kg<sup>②</sup>

For large areas and outdoor domestic spaces. Infinitely variable speed control, locking throttle, rubberised handle, flat nozzle, blower function.

Order number **4811 011 0840**

① Weight excluding fuel, fully assembled  
② Weight excluding battery, in vacuum mode

③ Weight excluding cable  
④ For explanation of symbols, see page 482



## READY FOR USE WITH A SINGLE TWIST

Whether you use the SHA 56 as a vacuum shredder or a blower, the rotating handle ensures outstanding ergonomics and gives you greater comfort as you work. For tool-free conversion from vacuum shredder to blower (or vice versa), simply twist the handle 180 degrees and the SHA 56 fits comfortably in your hand, ready to go. The variable speed regulator above the handle can be used to control the suction and blowing force of the SHA 56, while its specially angled handle ensures even more comfortable handling for vacuum shredder operation.



### DUST-REDUCING COLLECTION BAG

45 l. For particularly dusty jobs. The collection bag attachment set should be selected for use with the SHA 56.



For SH 56, SH 86, SHA 56, SHE 71 and SHE 81  
Order number 4229 708 9701

### COLLECTION BAG ATTACHMENT SET

45 l. Reduces tool weight for fatigue-free working. Attachment set including collection bag, elbow and adapter. Tool-free mounting possible.



For SHA 56  
Order number SA02 007 1000

### CURVED FLAT NOZZLE

Thanks to the wide airstream directed parallel to the ground, the curved flat nozzle can be used to effectively remove leaves or grass cuttings on larger flat areas.



For SH 56, SH 86, SHA 56, SHE 71 and SHE 81  
Order number 4241 708 6302

### GUTTER-CLEANING SET

For clearing dirt and leaves. Approx. 3 m long blower tube.



For SH 56, SH 86, SHE 71 and SHE 81  
Order number 4241 007 1003



### SERVICE KITS

Tackle your own straightforward maintenance work with the Service Kits for STIHL petrol-driven blowers and vacuum shredders: each kit contains a spark plug, fuel filter, and fleece filter or HD2 air filter. With proactive, regular standard maintenance, you can protect your power tool against dirt and damage while also increasing its service life. The only additional maintenance item you need is the combination socket tool supplied with your STIHL power tool.

Service Kit 33 for BG 45, BG 55, 85 SH, 55, SH 85  
Order number 4229 007 4100

Service Kit 36 for BG 56, BG 66, BG 86 (machine numbers < 290821925), SH 56, SH 86 (machine numbers < 290657469)  
Order number 4241 007 4100

Service Kit 37 for BG 86 (machine number > 290871694), SH 86 (machine number > 291051831)  
Order number 4241 007 4101

Order number

Displacement (cm³)

Rated voltage (V)

Power consumption (kW)

Weight (kg), including accessories

Sound pressure level<sup>ⓐ</sup> (dB(A))

Sound power level<sup>ⓐ</sup> (dB(A))

Vibration level, left / right<sup>ⓐ</sup> (m/s²)

STIHL engine (2-MIX / 4-MIX<sup>®</sup>) / STIHL battery system

Air throughput (m³/h) in vacuum mode

Blowing force<sup>ⓐ</sup> (N)

Max. air speed (m/s) with round nozzle / flat nozzle

Air throughput (m³/h) with round nozzle / flat nozzle

Collection bag volume (l)

STIHL anti-vibration system

STIHL ElastoStart

STIHL ErgoStart

Round nozzle / flat nozzle

Infinitely variable speed control

Manual fuel pump

#### PETROL VACUUM SHREDDERS

Model	Order number	Displacement (cm³)	Rated voltage (V)	Power consumption (kW)	Weight (kg)	Sound pressure level <sup>ⓐ</sup> (dB(A))	Sound power level <sup>ⓐ</sup> (dB(A))	Vibration level, left / right <sup>ⓐ</sup> (m/s²)	Engine / System	Air throughput (m³/h)	Blowing force <sup>ⓐ</sup> (N)	Max. air speed (m/s)	Air throughput (m³/h)	Collection bag volume (l)	STIHL anti-vibration system	STIHL ElastoStart	STIHL ErgoStart	Round nozzle / flat nozzle	Infinitely variable speed control	Manual fuel pump
SH 56	4241 011 0928	27.2	-	-	5.4 <sup>ⓐ</sup>	94	105	9.1/8.0	2-MIX	710	13	71/-	700/-	45	-	o	-	●/o	●	●
SH 56 C-E	4241 011 0929	27.2	-	-	5.4 <sup>ⓐ</sup>	94	105	9.1/8.0	2-MIX	710	13	71/-	700/-	45	-	-	●	●/o	●	●
SH 86	4241 011 0932	27.2	-	-	5.8 <sup>ⓐ</sup>	93	106	2.5/1.9	2-MIX	770	15	76/89	755/620	45	●	●	-	●/●	●	●

#### BATTERY VACUUM SHREDDER

Model	Order number	Displacement (cm³)	Rated voltage (V)	Power consumption (kW)	Weight (kg)	Sound pressure level <sup>ⓐ</sup> (dB(A))	Sound power level <sup>ⓐ</sup> (dB(A))	Vibration level, left / right <sup>ⓐ</sup> (m/s²)	Engine / System	Air throughput (m³/h)	Blowing force <sup>ⓐ</sup> (N)	Max. air speed (m/s)	Air throughput (m³/h)	Collection bag volume (l)	STIHL anti-vibration system	STIHL ElastoStart	STIHL ErgoStart	Round nozzle / flat nozzle	Infinitely variable speed control	Manual fuel pump
SHA 56	in vacuum mode	SA02 011 7100	-	36	-	4.2 <sup>ⓐ</sup>	83	96	0.8/0.8	AK-System	510	-	-	40	-	-	-	-	●	-
	in blower mode	-	-	-	-	3.2 <sup>ⓐ</sup>	81	96	1.1 <sup>ⓐ</sup> /-	-	-	8	47/61	560/490	-	-	-	●/o	●	-
SHA 56 SET with AK 20 + AL 101	in vacuum mode	SA02 200 0000	-	36	-	5.4 <sup>ⓐ</sup>	83	96	0.8/0.8	AK-System	510	-	-	40	-	-	-	-	●	-
	in blower mode	-	-	-	-	4.4 <sup>ⓐ</sup>	81	96	1.1 <sup>ⓐ</sup> /-	-	-	8	47/61	560/490	-	-	-	●/o	●	-

#### ELECTRIC VACUUM SHREDDERS

Model	Order number	Displacement (cm³)	Rated voltage (V)	Power consumption (kW)	Weight (kg)	Sound pressure level <sup>ⓐ</sup> (dB(A))	Sound power level <sup>ⓐ</sup> (dB(A))	Vibration level, left / right <sup>ⓐ</sup> (m/s²)	Engine / System	Air throughput (m³/h)	Blowing force <sup>ⓐ</sup> (N)	Max. air speed (m/s)	Air throughput (m³/h)	Collection bag volume (l)	STIHL anti-vibration system	STIHL ElastoStart	STIHL ErgoStart	Round nozzle / flat nozzle	Infinitely variable speed control	Manual fuel pump
SHE 71	4811 011 0819	-	230	1.1	4.1 <sup>ⓐ</sup>	85	101	1.2/0.8	-	540	9	-/70	-/485	45	-	-	-	-/●	-	-
SHE 81	4811 011 0840	-	230	1.4	4.5 <sup>ⓐ</sup>	88	103	5.6/2.6	-	610	12	-/82	-/565	45	-	-	-	-/●	●	-

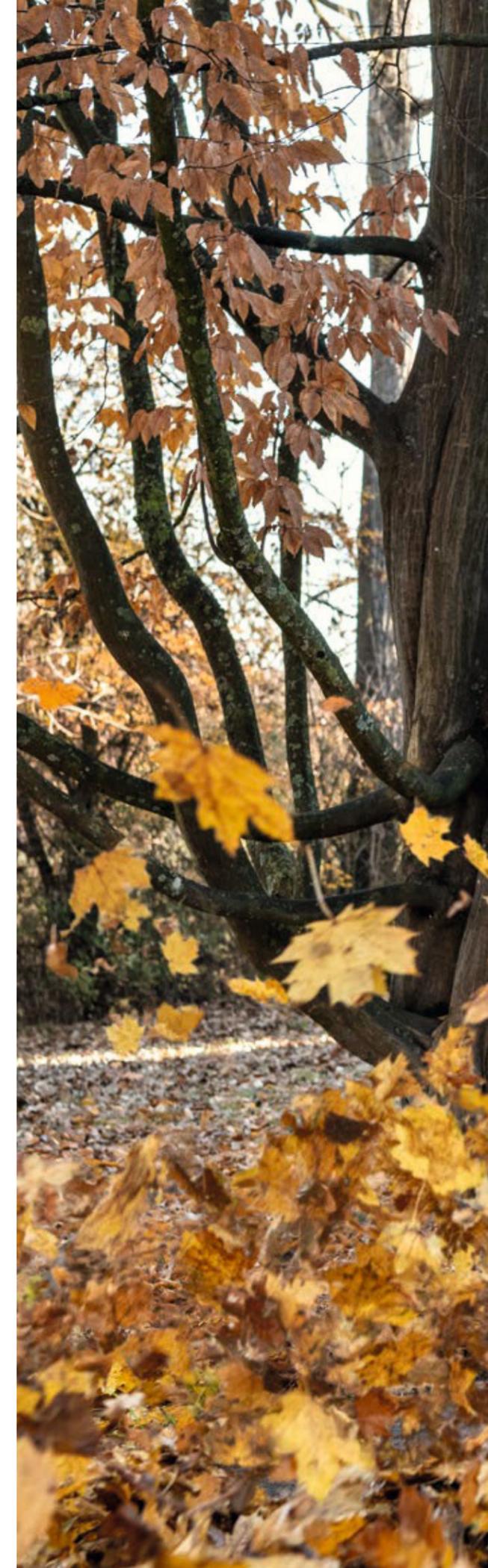
● Fitted as standard  
o Retrofittable (accessory)

C = Comfort version  
E = STIHL ErgoStart

ⓐ K-factor in accordance with Directive 2006 / 42 / EC = 2.0 dB(A)  
ⓑ K-factor in accordance with Directive 2006 / 42 / EC = 2 m/s²

ⓐ Power given in Newton (N) for comparison of blower outputs  
ⓑ Weight excluding fuel, fully assembled  
ⓐ Weight excluding battery  
ⓑ Weight including battery, excluding charger

ⓐ Weight excluding cable  
ⓑ In boost



## SWEEPING MACHINES IN DETAIL



### TECHNOLOGY

- 01 SEALING STRIPS AND AIR FILTER**  
Ensure that even fine particles are held back during sweeping.
- 02 STIHL MULTICLEAN SWEEPING SYSTEM**  
Enables a huge range of dirt to be picked up – even heavy and wet dirt as well as drinks cans and PET bottles. The STIHL MultiClean PLUS with additional power sweep takes care of very fine dust. Debris is brushed up in front of the machine before it can get caught under the tool.
- 03 LONG-LASTING MATERIALS**  
The bristles made of low-wear nylon come with a 4-year STIHL durability warranty.

### CONVENIENCE

- 04 PRACTICAL WASTE CONTAINER**  
With a very large volume, this container accommodates a lot of swept-up debris but takes up little space. The tool can be placed and stored upright on the container to save space, without any of the contents falling out.
- 05 CENTRAL HEIGHT ADJUSTMENT AND BRISTLE HOLD-DOWN CLAMP**  
Enables the sweeping machines to be adapted to a huge range of surfaces. The laterally projecting brushes and bristle hold-down clamp even make it possible to clean areas directly next to walls and curbs.
- 06 LONG-LIFE GEAR MECHANISM AND ERGONOMIC, HEIGHT-ADJUSTABLE PUSH BAR**  
Its low weight, long-life gear mechanism with optimum power transmission and ergonomically designed push bar make this tool easy and comfortable to push.

Please note that not all products are equipped with the features presented here. Only the most important features are described on this page. For further explanations and information, see from page 482 and online at [stihl.com](https://stihl.com).

## SWEEPING MACHINES

- For domestic use as well as professional applications
- For cleaning paths, car parks and driveways
- Sweeps coarse, fine, heavy and wet debris
- With the efficient STIHL MultiClean and MultiClean Plus sweeping systems



AVAILABLE FROM  
SPRING 2024  
**KG 770**

Container capacity 40 l • Sweep width 77 cm • 15.0 kg



For low-dust sweeping of large areas both indoors and outdoors. STIHL MultiClean PLUS sweeping system, 7-level central height adjustment, low-dust sweeping process, bristle hold-down clamp, ergonomically shaped 2-level height-adjustable push bar, comfortable handle, side-mounted guide rollers, transport handle, can be stored upright to save space, four-year durability warranty on the low-wear nylon bristles.

Order number **4860 019 4707**

### KGA 770

36 V • Container capacity 40 l • Sweep width 77 cm • 17.0 kg<sup>①</sup>



Battery sweeping machine for large areas both indoors and outdoors. STIHL MultiClean PLUS sweeping system, 7-setting central height adjustment, lateral guide roller, transport handle, stores upright to save space, ergonomically shaped 2-setting height-adjustable push bar. Easy and effortless to push due to the battery operation of the circular brushes and power sweep. This enables thorough cleaning of edges and corners, even when the machine is stationary. The low-wear nylon bristles come with a four-year durability warranty.

KGA 770 excluding battery and charger  
Order number **4860 011 4704**



**SUITABLE BATTERIES AND OTHER ACCESSORIES**

SEE FROM PAGE 38

<sup>①</sup> Weight excluding battery

<sup>②</sup> For explanation of symbols, see page 482





# COMPACT HIGH-PRESSURE CLEANERS

- For cleaning jobs around the home and garden and for private car cleaning<sup>Ⓞ</sup>
- For cleaning garden furniture, stairwells, walkways and terraces
- Compact, convenient, powerful entry-level tools
- With clever details and high-quality features



### RE 80 X

Max. 120 bar • max. 430 l/h • 7.0 kg

Ultra-compact, portable, lightweight tool for easy transport and compact storage. With hard-wearing aluminium high-pressure pump, rotary nozzle, adjustable fan jet nozzle, cleaning agent spray set. Compact, secure accessory storage directly on the high-pressure cleaner. Quick-release coupling for easy connection of high-pressure hose to high-pressure cleaner and lance.

Order number **RE02 011 4505**



### RE 90

Max. 130 bar • max. 440 l/h • 8.0 kg

Lightweight, convenient high-pressure cleaner with hard-wearing aluminium high-pressure pump, rotary nozzle, adjustable fan jet nozzle, cleaning agent spray set. Park position for resting the lance during breaks and space-saving, secure storage of accessories directly on the unit. Quick-release coupling for easy connection of high-pressure hose to high-pressure cleaner and lance.

Order number **RE02 011 4540**



### RE 90 PLUS

Max. 130 bar • max. 440 l/h • 9.0 kg

Lightweight, convenient high-pressure cleaner with hard-wearing aluminium high-pressure pump, rotary nozzle, adjustable fan jet nozzle, cleaning agent spray set. Park position for resting the lance during breaks and space-saving, secure storage of accessories directly on the unit. Quick-release coupling for easy connection of high-pressure hose to high-pressure cleaner and lance. With hose reel (PLUS) for particularly easy handling and storage of the high-pressure hose.

Order number **RE02 011 4524**



### RE 100 PLUS CONTROL

Max. 150 bar • max. 450 l/h • 9.0 kg

High-comfort, lightweight high-pressure cleaner PLUS outstanding comfort. CONTROL function with pressure adjustment at the touch of a button and LED pressure indicator directly on the lance. Hose reel (PLUS) for easy handling and storage of the high-pressure hose. 3-in-1 hose with integrated rotary nozzle, fan jet nozzle and cleaning agent nozzle. Compact, secure accessory storage directly on the high-pressure cleaner.

Order number **RE02 011 4529**



### RE 80

Max. 120 bar • max. 430 l/h • 7.0 kg

Lightweight, compact entry-level tool with wheels, hard-wearing aluminium high-pressure pump, rotary nozzle, adjustable fan jet nozzle, cleaning agent spray set. Compact, secure accessory storage directly on the high-pressure cleaner. Quick-release coupling for easy connection of high-pressure hose to high-pressure cleaner and lance.

Order number **RE02 011 4502**

X = portable version

## RE 100 PLUS CONTROL WITH PRESSURE REGULATION AND PRESSURE INDICATOR

After successfully connecting the radio unit and the high-pressure cleaner, three different pressure levels can be selected directly on the lance.

**PRESSURE ADJUSTMENT**  
Select from three different pressure levels at the touch of a button.



**PRESSURE INDICATOR**  
The LED display informs you of the currently set pressure level.

**INITIALISATION AND CONNECTION SET-UP**  
After successfully connecting the radio unit and the high-pressure cleaner, the desired pressure level can be selected directly on the lance.

## 3-IN-1 NOZZLE

Switch between fan jet nozzle, rotary nozzle and cleaning agent jet simply by turning the nozzle for flexibility as you work.

**FAN JET NOZZLE**  
The standard nozzle for cleaning normal dirt on various surfaces.



**ROTARY NOZZLE**  
For removing stubborn dirt from robust surfaces.

**CLEANING AGENT NOZZLE**  
Combines water with cleaning agent from the cleaning agent tank and sprays the mixture directly from the high-pressure cleaner.

<sup>Ⓞ</sup> Please observe local regulations regarding vehicle cleaning





**NEW**  
**RE 105 X**

Max. 110 bar • max. 440 l/h • 15.0 kg

Powerful and sturdy high-pressure cleaner with brushless induction motor and high-quality aluminium pump. Compact, portable power tool for flexible use, easy transport and space-saving storage. Rotary nozzle, adjustable fan jet nozzle, 6 m high-pressure hose. Quick-release coupling for easy connection of high-pressure hose to high-pressure cleaner and lance.

Order number **4950 011 4594**



**RE 110**

Max. 150 bar • max. 430 l/h • 17.6 kg

Sturdy high-pressure cleaner with brushless induction motor and high-quality aluminium pump. Compact design with extendable aluminium telescopic handle. Folding side storage compartment with integrated nozzle and power cable compartment. With rotary nozzle, adjustable fan jet nozzle and cleaning agent spray set. 7 m high-pressure hose with quick-release coupling for connecting to the unit and the lance.

Order number **4950 011 4520**



**RE 110 PLUS**

Max. 150 bar • max. 430 l/h • 20.3 kg

Sturdy high-pressure cleaner with brushless induction motor, high-quality aluminium pump PLUS outstanding comfort. Compact design with extendable aluminium telescopic handle. Folding side storage compartment with integrated nozzle and power cable compartment. With rotary nozzle, adjustable fan jet nozzle and cleaning agent spray set. 8 m high-pressure hose with quick-release coupling. With hose reel (PLUS) for particularly easy handling and storage of the high-pressure hose.

Order number **4950 011 4533**



**RE 120**

Max. 160 bar • 480 l/h • 20.0 kg

Powerful high-pressure cleaner with brushless induction motor and high-quality aluminium pump. Compact design with extendable aluminium telescopic handle. Folding side storage compartment with integrated nozzle and power cable compartment. Comfortable, easy-to-use with softgrip handle and particularly long spray lance. With rotary nozzle, adjustable fan jet nozzle and cleaning agent spray set. 8 m high-pressure hose with quick-release coupling for connecting to the unit and the lance.

Order number **4950 011 4540**



**RE 120 PLUS**

Max. 160 bar • max. 480 l/h • 21.2 kg

Powerful high-pressure cleaner with brushless induction motor, high-quality aluminium pump PLUS outstanding comfort. Compact design with extendable aluminium telescopic handle. Folding side storage compartment with integrated nozzle and power cable compartment. Comfortable, easy-to-use with softgrip handle and particularly long spray lance. With rotary nozzle, adjustable fan jet nozzle and cleaning agent spray set. 9 m high-pressure hose with quick-release coupling. With hose reel (PLUS) for particularly easy handling and storage of the high-pressure hose.

Order number **4950 011 4550**



**RE 130 PLUS**

Max. 170 bar • max. 500 l/h • 21.2 kg

Exceptionally powerful, sturdy high-pressure cleaner with extensive range of features. Brushless induction motor, high-quality aluminium pump and steel-reinforced high-pressure hose. Compact design with extendable aluminium telescopic handle. Folding side storage compartment with integrated nozzle and power cable compartment. Comfortable, easy-to-use with softgrip handle and particularly long spray lance. With rotary nozzle, adjustable fan jet nozzle and cleaning agent spray set. Hard-wearing, steel-reinforced 9 m high-pressure hose with quick-release coupling. With hose reel (PLUS) and robust aluminium hose guide for particularly easy handling and storage of the high-pressure hose.

Order number **4950 011 4560**



**RE 140 PLUS**

Max. 180 bar • max. 510 l/h • 22.7 kg

The most powerful high-pressure cleaner in the STIHL compact range with an extensive selection of features. Brushless induction motor, high-quality aluminium pump and steel-reinforced high-pressure hose. Compact design with extendable aluminium telescopic handle. Folding side storage compartment with integrated nozzle and power cable compartment. Comfortable, easy-to-use with softgrip handle and particularly long spray lance. With rotary nozzle, adjustable fan jet nozzle and cleaning agent spray set. Hard-wearing, steel-reinforced 10 m high-pressure hose with quick-release coupling. With hose reel (PLUS) and robust aluminium hose guide for particularly easy handling and storage of the high-pressure hose.

Order number **4950 011 4580**

## MID-RANGE HIGH-PRESSURE CLEANER

- For commercial use or demanding applications in residential areas
- With clever details and high-quality features
- High working pressure removes even stubborn dirt



### RE 150

Max. 180 bar • 612 l/h • 30.0 kg

Powerful and durable high-pressure cleaner with extensive features. High-pressure pump made from brass, pressure / flow control using a pressure gauge, integrated tank with dosing control for cleaning agent, adjustable fan jet nozzle, rotary nozzle made from wear-resistant ceramic, anti-drill quick-release coupling on the lance, storage compartment for the nozzle, 9 m steel-reinforced high-pressure hose.

Order number **RE01 011 4500**



### RE 150 PLUS

Max. 180 bar • max. 612 l/h • 31.0 kg

Powerful, durable pressure cleaner PLUS exceptional comfort. Hose reel featuring a hose guide, folding crank and 12 m steel-reinforced high-pressure hose, high-pressure pump made from brass, pressure / flow control using a pressure gauge, integrated tank with dosing control for cleaning agent, adjustable fan jet nozzle, rotary nozzle made from wear-resistant ceramic, anti-drill quick-release coupling on the lance, storage compartment for the nozzle.

Order number **RE01 011 4502**



### RE 170

Max. 180 bar • 648 l/h • 30.0 kg

Exceptionally robust and powerful high-pressure cleaner with extensive range of features. High-pressure pump made from brass with wear-resistant, ceramic-coated piston, pressure / flow control using a pressure gauge, integrated tank with dosing control for cleaning agent, adjustable fan jet nozzle, rotary nozzle made from wear-resistant ceramic, anti-drill quick-release coupling on the lance, storage compartment for the nozzle, 9 m steel-reinforced high-pressure hose.

Order number **RE01 011 4530**



### RE 170 PLUS

Max. 180 bar • max. 648 l/h • 31.0 kg

Highly robust, powerful high-pressure cleaner PLUS outstanding comfort. Hose reel featuring a hose guide, folding crank and 12 m steel-reinforced high-pressure hose, high-pressure pump made from brass with wear-resistant, ceramic-coated piston, pressure / flow control using a pressure gauge, integrated tank with dosing control for cleaning agent, adjustable fan jet nozzle, rotary nozzle made from wear-resistant ceramic, anti-drill quick-release coupling on the lance, storage compartment for the nozzle.

Order number **RE01 011 4531**



PAGE **19**

**PS 3000**

With the new powerful battery generator from STIHL, you can operate cabled power tools, such as electric high-pressure cleaners, without connection to the mains network – quietly and emissions-free.

## ACCESSORIES FOR RE 80 - RE 170 PLUS

- For extending the range of possible applications
- Versatile solutions to make your work easier
- Accessories for special cleaning applications



### NEW SPRAY GUARD

For protecting against splashing water. Long, flexible bristles for optimum adaptation to various cleaning tasks. Large locknut for easy attachment to the high-pressure lance.



For RE 80 - RE 170 PLUS  
Order number 4910 550 9000

### LARGE-AREA WASH BRUSH

Approx. 28.5 cm wide. For cleaning delicate surfaces. With integrated rubber lip for removing water residues.



For RE 80 - RE 170 PLUS  
Order number 4910 500 6000

### VEHICLE CLEANING SET

Consisting of a wash brush, a vehicle nozzle, and a 90° angled nozzle.



For RE 90 - RE 130 PLUS, with click coupling  
(for pre-2022 models)  
Order number 4910 500 6100

For RE 80 - RE 170 PLUS with bayonet coupling  
(for models produced from 2022 onward)  
Order number 4910 500 6101

### SURFACE CLEANER

#### RA 90

Ø 25.5 cm. For quick, splash-free cleaning of medium-sized areas. With pressure adjustment, click and bayonet coupling.



For RE 80 - RE 170 PLUS  
Order number 4910 500 3902

#### RA 110

Ø 31 cm. For quick, splash-free cleaning of larger surfaces. With pressure adjustment.



For RE 80 - RE 170 PLUS  
Order number 4910 500 3901

### NEW - AVAILABLE FROM SPRING 2024 ROTATING BRUSH ROLLER

For gentle cleaning of larger, delicate surfaces (e.g. terraces with wood or stone coverings, façades or garage doors). Depending on the relevant requirements, can be mounted directly on the lance, on the spray lance, also on the STIHL telescopic spray lance. Easy replacement of bristles by means of the quick-release connection. Borderless working with a working width of around 30 cm.

**Additionally available as special accessories:** Brushes for cleaning solar systems, window areas, roller shutters, conservatories, and painted or plastic surfaces.



For RE 80 - RE 170 PLUS  
Order number 4910 550 3400

### ROTATING WASH BRUSH

Ø 15.5 cm. For effective cleaning of sensitive surfaces, with rotating inner brush and adjustable working angle.



For RE 80 - RE 170 PLUS  
Order number 4910 500 5900



### EFFECTIVE CLEANING THANKS TO VERSATILE ACCESSORIES

With our wide range of accessories, you can add even more functions to your STIHL high-pressure cleaner and make it even better adapted to your needs. For example, if you would like to clean sensitive surfaces thoroughly but very gently, then you can use our large-area wash brush or wash brush with rotating edge bristles. If you need to clean large areas around your home and garden, then our surface cleaners are the right choice for you. Of course we have the right STIHL care and cleaning agents for all tasks, and these are available from page 366.





# CLEANING AGENTS FOR HIGH-PRESSURE CLEANERS

- Designed specifically for use with STIHL high-pressure cleaners
- The right cleaning agent for every job
- Blasting granulate for the toughest dirt and grime

## CR 100 WHEEL CLEANER



For effortless removal of strongly adhered dirt (e.g. removal of brake dust and road dirt). For all light metal and steel rims.



500 ml  
Order number 0782 516 9400

## CC 100 VEHICLE SHAMPOO & WAX



For removing typical road dirt such as salt, dust and insects from all kinds of vehicles. Foaming, high-quality wax ingredients, long-lasting shiny finish.



1 l  
Order number 0782 516 9300

5 l  
Order number 0782 516 9301

## CS 100 STONE & FACADE CLEANER



For hard stone, facades, concrete, wood and tile surfaces. Reliably dissolves tough green growth, emissions accumulation, grime and dust.



5 l  
Order number 0782 516 9500

## CU 100 UNIVERSAL CLEANER



For safe removal of the widest variety of dirt on hard surfaces around the house and garden. Suitable for painted surfaces, metal, stone, synthetic and glass surfaces.



1 l  
Order number 0782 516 9100

5 l  
Order number 0782 516 9101

## CP 200 UNIVERSAL CLEANER FOR PROFESSIONAL USE



For professional use on all hard surfaces, but not textiles. Removes a huge range of dirt deposits, such as oil and grease, grime, dust, and insect dirt.



1 l  
Order number 0782 516 9200

10 l  
Order number 0782 516 9201

## SB 90 BLASTING GRANULATE



For wet sandblasting of tough surfaces like masonry and metal. Removes rust or old paintwork, silicone-free, for all STIHL wet sandblasting machines.



Bucket, 25 kg  
Order number 0797 010 2052

Refill pack, 25 kg  
Order number 0782 516 9600

## SG 11 PLUS

Hand sprayer with adjustable nozzle for distributing cleaning agents and solvents, for example CP 200 SuperClean or VarioClean. Filling volume 1.5 l, maximum pressure 3 bar, EPDM seals for cleaning agents and solvents in the 7-14 pH range. The pump is fitted with a special protective element that ensures a long service life.



Order number 4255 019 4912

**i** LOCAL WASTEWATER REGULATIONS MUST BE OBSERVED WHEN USING CARE AND CLEANING AGENTS OUTDOORS.



### POURING IN THE CLEANING AGENT

To use cleaning agent with STIHL high-pressure cleaners, the cleaning agent is simply poured into the spray set included with delivery or the cleaning agent tank on the power tool (depending on the high-pressure cleaner).



### APPLYING THE CLEANING AGENT

Another tip: we offer a special foam nozzle for improved cleaning performance. The foam formation, dosability and adjustability of spray shape improves the application of the cleaning agent and therefore cleaning performance.

➔ Our foam nozzles can be found on page 364 and on page 372



## HIGH-PRESSURE CLEANERS FOR PROFESSIONAL USE

- For farmers, municipal workers, forestry and building companies
- For tough cleaning jobs and demanding applications requiring extended work periods
- With a durable, low-maintenance engine and pump unit
- First-class ergonomics and extensive features



### RE 232

Max. 200 bar • max. 660 l/h • 36.0 kg

The ideal entry-level cleaner in the professional class. Ergonomic STIHL professional sprayer, 10 m steel-reinforced high-pressure hose, external cleaning agent injector and dosing, power cord holder, practical holder for spray lance.

Order number 4788 012 4500



### RE 272 PLUS

Max. 200 bar • max. 620 l/h • 42.0 kg

The cleaner with a slow-speed engine and PLUS-level comfort. Hose reel with additional wind-up assistance, 15 m steel-reinforced hose, second spray lance with rotary nozzle, low-wear, ceramic-coated pistons, ergonomic STIHL professional sprayer, detergent tank, pressure / flow control, pressure gauge, large water filter.

Order number 4788 012 4512



**COMPATIBLE CLEANING AND MAINTENANCE PRODUCTS**

SEE FROM PAGE 366

### RE 282 PLUS

Max. 200 bar • max. 760 l/h • 42.0 kg

The cleaner with high performance and exceptional comfort. Slow-speed engine, hose reel with additional wind-up assistance, 15 m steel-reinforced hose, second spray lance with rotary nozzle, 400 V mains voltage, low-wear, ceramic-coated pistons, ergonomic STIHL professional sprayer, detergent tank, pressure / flow control, pressure gauge, large water filter.

Order number 4788 012 4521



### RE 362

Max. 250 bar • max. 1,080 l/h • 72.0 kg

The cleaner with greater durability even under continuous strain. Robust pump construction, solid ceramic pistons, ergonomic STIHL professional sprayer, two switchable detergent tanks for flexible cleaning, power cord holder, folding push bar for easy transport.

Order number 4780 012 4510



### RE 362 PLUS

Max. 250 bar • max. 1,080 l/h • 79.0 kg

The cleaner with greater durability even under continuous strain, and with a PLUS that signifies exceptional comfort. Hose reel with 15 m steel-reinforced hose, second spray lance with rotary nozzle, robust pump construction, solid ceramic pistons, ergonomic STIHL professional sprayer, two switchable detergent tanks for flexible cleaning, folding push bar for easy transport.

Order number 4780 012 4518



### RE 462 PLUS

Max. 250 bar • max. 1,130 l/h • 83.0 kg

The best in its class from STIHL. With the most powerful performance, designed for a particularly long service life and a PLUS for added comfort. Hose reel with 20 m steel-reinforced high-pressure hose, second spray lance with rotary nozzle, robust pump construction, solid ceramic pistons, two switchable detergent tanks for flexible cleaning, folding push bar for easy transport, delayed engine shutdown.

Order number 4780 012 4501

**Additional versions:**  
RE 462 4780 012 4500



## ACCESSORIES FOR RE 232 - RE 462 PLUS

- Extra equipment for professional power tools
- Special nozzles, wash brushes and other accessories for special cleaning applications



### ROTATING WASH BRUSH

Professional equipment, replaceable brush insert, adjustable working angle, natural bristles, quick-release coupling.

For RE 232-RE 462 PLUS  
Order number 4925 500 5900



### SPRAY LANCES

Straight, without nozzle<sup>Ⓞ</sup>. With quick-release coupling.

For RE 232-RE 462 PLUS

Length 35 cm  
Order number 4925 500 0960

Length 50 cm  
Order number 4925 500 0961

Length 107 cm  
Order number 4925 500 0962

Length 180 cm  
Order number 4925 500 0963

Length 250 cm  
Order number 4925 500 0964



### SPRAY LANCE

Angled, without nozzle<sup>Ⓞ</sup>. With quick-release coupling.

For RE 232-RE 462 PLUS

Length 107 cm  
Order number 4925 500 1900



### SPRAY LANCES WITH ROTARY NOZZLE

Straight version. For attacking particularly stubborn dirt, rapidly rotating pencil jet for large areas, quick-release coupling.

W12 040 for RE 232, RE 272 PLUS  
Order number 4925 500 8304

W12 050 for RE 282 PLUS  
Order number 4925 500 8306

W11 060 for RE 362, RE 362 PLUS  
Order number 4925 500 8301

<sup>Ⓞ</sup> Use of a protective nozzle cap is recommended

### PENCIL JET NOZZLES

Jet angle 0°, extremely strong pencil jet.



Nozzle size 0004  
for RE 232, RE 272 PLUS  
Order number 4900 502 1003

Nozzle size 0006 for RE 462 PLUS  
Order number 4900 502 1007

Nozzle size 0005 for RE 282 PLUS  
Order number 4900 502 1004

Nozzle size 0007  
for RE 362, RE 362 PLUS  
Order number 4900 502 1006

### FAN JET NOZZLES

Jet angle 30°, universal nozzle for all types of cleaning in larger areas.



Nozzle size 25035 for RE 272 PLUS  
Order number 4900 502 1021

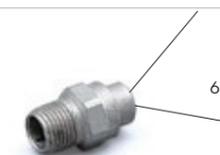
Nozzle size 25055 for RE 462 PLUS  
Order number 4900 502 1032

Nozzle size 2504 for RE 232  
Order number 4900 502 1029

Nozzle size 2506  
for RE 362, RE 362 PLUS  
Order number 4900 502 1033

Nozzle size 25045 for RE 282 PLUS  
Order number 4900 502 1030

Jet angle 60°, for delicate surfaces, excellent for working on large areas.



Nozzle size 5006 for RE 232-RE 282 PLUS  
Order number 4900 502 1060

Nozzle size 5007 for RE 362, RE 362 PLUS  
Order number 4900 502 1061



### PROFESSIONAL TIP

Our professional cleaners come with a straight spray lance and 30° high-pressure nozzles as standard. With the right accessories, you can optimise them to exactly suit your individual cleaning requirements. For example, when cleaning large areas it's more efficient to use a 60° nozzle. For spots that are hard to reach, an angled spray lance can be a real advantage.

### ROTARY NOZZLE (TURBO NOZZLES, DIRT BLASTERS)

For attacking particularly stubborn dirt. Rapidly rotating pencil jet, for large areas.



W12 040 for RE 232, RE 272 PLUS  
Order number 4900 500 1641

W12 050 for RE 282 PLUS  
Order number 4900 500 1649

W11 055 for RE 462 PLUS  
Order number 4900 500 1651

W11 060 for RE 362, RE 362 PLUS  
Order number 4900 500 1662

### NOZZLE PROTECTOR

Protects the high-pressure nozzle from mechanical wear and tear. Is securely mounted with nozzle.



For RE 232-RE 462 PLUS  
Order number 4900 502 0900

### SCREW COUPLING / QUICK-RELEASE COUPLING ADAPTER

Adapter for connecting screw coupling spray lances / accessories to the professional lance with quick-release coupling.



Order number 4925 500 6700



### COMPATIBLE CLEANING AND MAINTENANCE PRODUCTS

SEE FROM PAGE 366





### FOAM NOZZLE

Powerful cleaning effect due to foam that adheres to the surface for a long time. Spray jet that can be adjusted vertically or horizontally, adjustable spray angle, dosage button for cleaning agent concentration, 1-litre bottle with large filler opening.



For RE 232-RE 462 PLUS  
Order number 4925 500 9600

### LARGE-AREA WASH BRUSH<sup>①</sup>

25 cm wide. Easy mounting on straight spray lances, natural bristles.



For RE 232-RE 462 PLUS  
Order number 4900 500 3011

### HIGH-PRESSURE HOSE EXTENSIONS<sup>②</sup>

Increases the operational range. Requires an adapter to be used as a hose extension, reinforced with steel braiding.



DN 06, M24 x 1.5 for RE 232-RE 282 PLUS

Length 10 m  
Order number 4925 500 0840

Length 20 m  
Order number 4925 500 0841

DN 08, M27 x 1.5 for RE 362-RE 462 PLUS

Length 10 m  
Order number 4925 500 0842

Length 15 m  
Order number 4925 500 0843

Length 20 m  
Order number 4925 500 0844

### HIGH-PRESSURE HOSE ADAPTER

For connecting high-pressure hoses.



M24 x 1.5 for RE 232-RE 282 PLUS  
Order number 4925 503 0800

M27 x 1.5 for RE 362-RE 462 PLUS  
Order number 4925 503 1205

### PIPE CLEANING SETS

Highly flexible even in narrow pipes. With nozzle and quick-release coupling.



For RE 232-RE 462 PLUS

Length 10 m  
Order number 4925 500 8000

Length 20 m  
Order number 4925 500 8001

### SUCTION SET

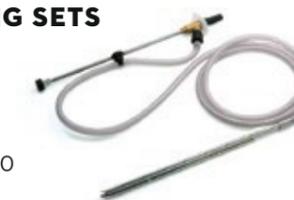
3 m long. For low-pressure water supply from rain water tanks and cisterns. Use of a water filter is recommended.



For RE 80-RE 462 PLUS  
Order number 4910 500 0500

### WET SANDBLASTING SETS

Removes dirt from masonry and paint or rust from metal components. Quick-release coupling, for the STIHL SB 90 blasting granulate.



Nozzle size 05 for RE 232-RE 282 PLUS  
Order number 4925 500 1800

Nozzle size 07 for RE 362, RE 362 PLUS  
Order number 4925 500 1802

Nozzle size 06 for RE 462 PLUS  
Order number 4925 500 1801

### WATER FILTER

3/4". Protects the pump against dirt from the water supply.



For RE 232-RE 282 PLUS  
Order number 4900 500 5405



For RE 362-RE 462 PLUS  
Order number 4900 500 5401

### BACKFLOW PREVENTER INCLUDING 3/4" COUPLINGS<sup>③</sup>

Prevents water flowing back out of the high-pressure cleaner into the drinking water supply.



For RE 232-RE 282 PLUS  
Order number 4900 500 5700



For RE 362-RE 462 PLUS  
Order number 4900 500 5701

### SUCTION SET

3 m long, 3/4". Professional equipment. It is recommended that a water filter is fitted, for RE 232-RE 462 PLUS.



Order number 4925 500 0500

① In conjunction with spray lances

② High-pressure hose extension cannot be rolled up on a hose reel

③ High-pressure cleaners should only be connected to the drinking water supply with a backflow preventer



Order number	Operating pressure (bar)	Max. pressure <sup>①</sup> (bar)	Min. water throughput (l/h)	Max. water throughput (l/h)	Max. water supply temperature (°C)	Weight, ready for operation (kg)	Power consumption (kW)	Sound pressure level <sup>②</sup> (dB(A))	Sound power level <sup>③</sup> (dB(A))	Vibration level <sup>④</sup> (m/s <sup>2</sup> )	Power cable length (m)	Mains voltage (V / phases / Hz)	Speed (rpm)	Cleaning agent spray set / cleaning agent tank / external cleaning agent injector	Transparent detergent tank (l)	Detergent measuring system	High-pressure hose (length in m)	Steel-reinforced high-pressure hose	Comfort high-pressure lance with rotating spray lance and softgrip handle	Aluminium pump head / brass pump head / coated pistons	Adjustable pressure / flow control on the machine / trigger	Pressure gauge	Delayed engine shutdown	Safety shutdown	Aluminium telescopic handle	Transport handle	Folding hood for nozzle storage	Quick-release coupling for high-pressure hose	Integrated high-pressure hose reel	Anti-twist coupling on the lance	Rotary nozzle / 2nd Spray lance with rotary nozzle											
																																RE 80 X	RE 80	RE 90	RE 90 PLUS	RE 100 PLUS CONTROL	RE 105 X	RE 110	RE 110 PLUS	RE 120	RE 120 PLUS	RE 130 PLUS
<b>COMPACT HIGH-PRESSURE CLEANERS<sup>⑤</sup></b>																																										
RE 80 X	RE02 011 4505	10-90	120	330	430	40	7.0	1.7	75.0	89.0	≤ 2.5	5	230-1--50	20,000	●/-/-	0.5	-	5	-	●/-/-	-/-	-	-	-	-	-	-	-	-	-	-	-	-	●	-	●	●/-					
RE 80	RE02 011 4502	10-90	120	330	430	40	7.0	1.7	75.0	89.0	≤ 2.5	5	230-1--50	20,000	●/-/-	0.5	-	5	-	●/-/-	-/-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	●	-	●	●/-			
RE 90	RE02 011 4540	10-100	130	350	440	40	8.0	2.1	76.0	90.0	≤ 2.5	5	230-1--50	21,000	●/-/-	0.5	-	6	-	●/-/-	-/-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	●	-	●	●/-		
RE 90 PLUS	RE02 011 4524	10-100	130	350	440	40	9.0	2.1	76.0	90.0	≤ 2.5	5	230-1--50	21,000	●/-/-	0.5	-	7	-	●/-/-	-/-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	●	-	●	●/-	
RE 100 PLUS CONTROL	RE02 011 4529	10-110	150	350	450	40	9.0	2.1	76.0	89.0	≤ 2.5	5	230-1--50	20,000	-/●/-	0.5	-	7	-	●/-/-	-/●	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	●	●	●	●/-	
RE 105 X	NEW 4950 011 4594	10-110	150	380	440	40	15.0	2.3	68.0	80.0	≤ 2.5	5	220/1-/50	2,850	●/-/-	0.5	-	8	●	●	●/-/-	-/-	-	-	-	-	●	-	●	-	●	-	●	-	●	-	●	-	●	●/-		
RE 110	4950 011 4520	10-110	150	380	430	40	17.6	1.7	73.0	85.0	≤ 2.5	5	230-1--50	2,850	●/-/-	0.5	-	7	-	●/-/-	-/-	-	-	-	-	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●/-		
RE 110 PLUS	4950 011 4533	10-110	150	380	430	40	20.3	1.7	73.0	85.0	≤ 2.5	5	230-1--50	2,850	●/-/-	0.5	-	8	-	●/-/-	-/-	-	-	-	-	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●/-	
RE 120	4950 011 4540	10-125	160	400	480	40	20.0	2.1	74.0	86.0	≤ 2.2	5	230-1--50	2,850	●/-/-	0.5	-	8	-	●/-/-	-/-	-	-	-	-	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●/-	
RE 120 PLUS	4950 011 4550	10-125	160	400	480	40	21.2	2.1	74.0	86.0	≤ 2.2	5	230-1--50	2,850	●/-/-	0.5	-	9	-	●/-/-	-/-	-	-	-	-	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●/-	
RE 130 PLUS	4950 011 4560	10-135	170	420	500	40	21.2	2.3	74.0	86.0	≤ 2.2	5	230-1--50	2,850	●/-/-	0.5	-	9	●	●	●/-/-	-/-	-	-	-	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●/-	
RE 140 PLUS	4950 011 4580	10-145	180	430	510	40	22.7	2.5	74.0	86.0	≤ 2.5	5	230-1--50	2,850	●/-/-	0.5	-	10	●	●	●/-/-	-/-	-	-	-	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●/-	
<b>MID-RANGE HIGH-PRESSURE CLEANER<sup>⑤</sup></b>																																										
RE 150	RE01 011 4500	10-140	180	540	612	60	30.0	2.9	71.0	85.0	< 2.5	5	230-1--50	2,850	-/●/●	2	●	9	●	●	-/●/-	●/-	●	-	-	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●/-	
RE 150 PLUS	RE01 011 4502	10-140	180	540	612	60	31.0	2.9	71.0	85.0	≤ 2.5	5	230-1--50	2,850	-/●/●	2	●	12	●	●	-/●/-	●/-	●	-	-	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●/-
RE 170	RE01 011 4530	10-150	180	570	648	60	30.0	3.3	71.0	85.0	< 2.5	5	230-1--50	2,850	-/●/●	2	●	9	●	●	-/●/●	●/-	●	-	-	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●/-
RE 170 PLUS	RE01 011 4531	10-150	180	570	648	60	31.0	3.3	71.0	85.0	≤ 2.5	5	230-1--50	2,850	-/●/●	2	●	12	●	●	-/●/● <sup>⑥</sup>	●/-	●	-	-	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●/-
<b>HIGH-PRESSURE CLEANERS FOR PROFESSIONAL USE<sup>⑤</sup></b>																																										
RE 232	4788 012 4500	145	200	590	660	60	36.0	3.3 <sup>⑦</sup>	75.7	89.9	≤ 2.5	5	230-1--50	2,800	-/-/●	-	●	10	●	●	-/●/-	-/-	-	-	-	-	●	-	-	-	-	-	-	-	-	-	-	-	-	-	-/○	
RE 272 PLUS	4788 012 4512	45-150	200	560	620	60	42.0	3.0 <sup>⑦</sup>	72.4	86.6	≤ 2.5	5	230/1-/50	1,450	-/●/●	2.5	●	15	●	●	-/●/●	●/-	●	-	-	-	●	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-/●
RE 282 PLUS	4788 012 4521	60-160	200	700	760	60	42.0	3.5 <sup>⑦</sup>	73.4	87.6	≤ 2.5	5	230-1--50	1,450	-/●/●	2.5	●	15	●	●	-/●/●	●/-	●	-	-	-	●	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-/●
RE 362	4780 012 4510	35-180	250	1,000	1,080	60	72.0	6.3 <sup>⑦</sup>	76.0	87.5	≤ 2.5	5	230-1--50	1,450	-/●/●	2.5+2.5	●	10	●	●	-/●/●	●/●	●	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-/○
RE 362 PLUS	4780 012 4518	35-180	250	1,000	1,080	60	79.0	6.5 <sup>⑦</sup>	76.0	87.5	≤ 2.5	5	230-1--50	1,450	-/●/●	2.5+2.5	●	15	●	●	-/●/●	●/●	●	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-/●
RE 462	4780 012 4500	35-220	250	1,050	1,130	60	77.0	7.4 <sup>⑦</sup>	75.0	86.5	≤ 2.5	5	230-1--50	1,450	-/●/●	2.5+2.5	●	20	●	●	-/●/●	●/●	●	●	●	●	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-/○
RE 462 PLUS	4780 012 4501	35-220	250	1,050	1,130	60	83.0	7.4 <sup>⑦</sup>	75.0	86.5	≤ 2.5	5	230-1--50	1,450	-/●/●	2.5+2.5	●	20	●	●	-/●/●	●/●	●	●	●	●	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-/●

● Fitted as standard X = portable version  
 ● Retrofittable (accessory)  
 ① Max. permissible system pressure  
 ② K-factor in accordance with Directive 2006/42/EC = 2.0 dB(A)  
 ③ K-factor in accordance with Directive 2006/42/EC = 1.5 m/s<sup>2</sup> (RE 90), 2.0 m/s<sup>2</sup> (from RE 100), with fan jet nozzle

④ Please comply with local wastewater regulations when using STIHL high-pressure cleaners  
 ⑤ The electrical installation on-site must have the necessary power capacity  
 ⑥ Stainless steel piston with innovative, extremely robust DLC coating (diamond-like carbon coating) for maximum wear protection



## WET / DRY VACUUMS IN DETAIL



### TECHNOLOGY

#### 01 MULTIPLE FILTER SYSTEM

Thanks to the multiple filter system, both coarse and fine dust is effectively filtered. The filter element is washable, hygienic, economical and eco-friendly.

#### 02 BLOWER FUNCTION

The blower function is suitable for cleaning hard-to-reach areas. Simply move the suction tube to the exhaust port to use this function.

#### 03 WET AND DRY VACUUMING

STIHL wet/dry vacuums are ideal for cleaning both wet and dry surfaces. The new SEA 20 can only be used on dry surfaces.

### CONVENIENCE

#### 04 SWITCHABLE FLOOR NOZZLE

Switch the nozzle when moving from carpet to smooth flooring using the convenient foot switch.

#### 05 INTEGRATED ACCESSORY STORAGE

Depending on the model, the extensive range of accessories can be stored in an integrated box or on the holders provided. Also available with vacuum hose and power cable holder.

#### 06 AUTOMATIC SWITCH-ON FUNCTION/SOCKET

Electric power tools can be plugged into a socket on the vacuum cleaner. The vacuum cleaner is then automatically switched on and off with the operation of the power tool.

#### 07 FILTER CLEANING

Optimum performance at all times through simple and quick cleaning of the filter element.

Please note that not all products are equipped with the features presented here. Only the most important features are described on this page. For further explanations and information, see from page 482 and online at [stihl.com](http://stihl.com).

## WET / DRY VACUUMS

- Battery hand vacuum for cleaning small, dry surfaces in the living area, in the garage and in the car
- Wet and dry vacuum for private use in and around the house and for professional use in workshops, cleaning services and industrial settings
- Comprehensive range of high-quality accessories



PAGE **380**

### ACCESSORIES: PAPER FILTER FOR SEA 20

The filter on the SEA 20 can be easily cleaned by simply tapping out or washing with a cleaning agent such as VarioClean Eco, meaning it has a longer service life.



#### SEA 20

10.8 V • 1.1 kg<sup>①</sup>

Practical battery hand vacuum for vacuuming and cleaning smaller dry areas in the garage, workshop or car. With removable collection container for easy emptying and cleaning. Crevice nozzle and universal nozzle with removable bristle attachment for a range of applications. The locking solution enables continuous operation without needing to keep the control lever pressed down. Excellent filtering effect due to a two-level filter system. The charge level of the AS 2 battery can be viewed on an LED display at the press of a button. The SEA 20 is available in a set or as a standalone tool.

#### Included in the set:

- 1 × AS 2 lithium ion battery, 28 Wh, 10.8 V
- 1 × AL 1 standard charger
- 1 × crevice nozzle
- 1 × universal nozzle with removable bristle attachment
- 1 × extension tube, 49 cm
- 1 × suction hose
- 1 × transport bag

SEA 20 excluding battery and charger, including nozzles and carry bag  
Order number **SA03 011 7300**

SEA 20 set with AS 2 and AL 1  
Order number **SA03 011 7310**

① Weight excluding battery and nozzles  
② For explanation of symbols, see page 482



**SE 33**

1.4 kW • 210 mbar • 3,600 l/min

For cleaning dry and wet areas near the home and for car cleaning. Versatile use due to an extensive range of accessories: Switchable floor nozzle for flexible changeover between wet and dry vacuuming, blow function by moving the suction tube onto the exhaust port, ergonomic two-part suction tube. Ideal storage of accessories directly on the power tool, crevice nozzle, floor nozzle, 2 m vacuum hose.

Order number **SE01 012 4400****SE 62 E**

1.4 kW • 210 mbar • 3,600 l/min

Socket with automatic switch-on function (E) for the connection of electric power tools. Wet and dry vacuuming options, blower function activated by moving suction tube to the exhaust port, multiple filter system, filter cleaning, 3.5 m long vacuum hose, telescopic suction tube, switchable floor nozzle, universal nozzle, crevice nozzle, adapter for electric power tools.

Order number **4784 012 4403****SE 62**

1.4 kW • 210 mbar • 3,600 l/min

For getting rid of dust, dirt and liquids indoors and outdoors. Wet and dry vacuuming options, blower function activated by moving the suction tube to the exhaust port, multiple filter system, filter cleaning, switchable floor nozzle, universal nozzle, crevice nozzle.

Order number **4784 012 4400****SE 122**

1.5 kW • 250 mbar • 3,700 l/min

With multiple filter system, integrated accessories box and suction tube holder. Wet and dry vacuuming options, filter cleaning, filter element / bag, castors with locking brakes, stainless steel handle with quick-release coupling.

Order number **4774 012 4400****SE 122 E**

1.5 kW • 250 mbar • 3,700 l/min

Automatic switch-on function, socket (E), wet and dry vacuuming options, multiple filter system, filter cleaning, filter element / bag, castors with locking brakes, stainless steel handle with quick-release coupling, stainless steel suction tube, universal nozzle, floor / crevice nozzle, speed control, soft start-up, delayed shutdown, adapter for electric power tools, integrated accessories box and suction tube holder.

Order number **4774 012 4405****SE 133 ME**

1.4 kW • 250 mbar • 4,500 l/min

Powerful wet / dry vacuum with automatic switch-on function in dust class M. Automatic filter cleaning without loss of suction power, automatic volume flow monitoring, infinitely variable speed control, with adapter plates for carrying tool boxes, anti-static accessories also for extraction on battery-powered / electric power tools.

Order number **4786 012 4430****BATTERY BOX FOR MOUNTING ON THE SE 133 ME**

A practical aid for protecting and transporting batteries and accessories. The battery box (Systainer<sup>3</sup> System) is mounted directly on the SE 133 ME. That way, alongside batteries, important tools – such as attachments for sharpeners, sharpening disks and much more – are quickly to hand and do not need to be transported separately. The battery boxes can be found on page 44

**CERTIFIED WET / DRY VACUUM, DUST CLASS M**

Wet and dry vacuums are essential for cleanliness in the construction business and workshops.

## ACCESSORIES FOR WET AND DRY VACUUMS

- Extensions for a huge range of applications
- Nozzles for different applications
- Extension hoses and adapters
- Vacuum hoses



PAGE **414**

### VARIOCLEAN ECO

Our special cleaner is 92% composed of ingredients of natural origin, and is ideal for thorough and gentle cleaning of washable filter elements. Simply spray them with VarioClean Eco, leave it to work for 5 minutes, rinse with water and leave to dry - your filter is now ready to use again. VarioClean Eco is available in 150 ml and 500 ml.



### FILTER BAGS

5-piece pack. Made from paper.

For SE 33  
Order number **SE01 500 9000**



5-piece pack. Made from strong, tear-resistant fleece.

For SE 62, SE 62 E  
Order number **4901 500 9004**



With dust seal for SE 122 E  
Order number **4901 500 9007**

With dust seal for SE 133 ME  
Order number **4901 500 9009**

### FILTER ELEMENTS

For upgrade or replacement.

Filter for SEA 20, washable  
Order number **SA03 080 1900**



PET filter for SE 33  
Order number **SE01 703 5900**



Strong paper for SE 62-SE 122 E  
Order number **4709 703 5900**



Durable, washable PET liner, ideal for wet vacuum operation for SE 62-SE 122 E  
Order number **4742 703 5900**

For regular or extended periods of wet vacuum operation. Stainless steel, for SE 62-SE 122 E  
Order number **4901 501 0900**



PTFE fold-flat filter, dust class M, washable, for SE 133 ME  
Order number **4786 703 5902**



### WASTE BAG

For easy, dust-free disposal.  
5-piece pack, plastic.

For SE 133 ME  
Order number **4901 903 4900**



### SET OF MINI NOZZLES

Accessory set for the SEA 20 battery hand vacuum consisting of three extension hoses and nozzles that can be combined with one another. For cleaning particularly tight or difficult-to-access spots such as gaps between radiator bars.

Contains:  
1 × adapter  
2 × extension hose  
3 × nozzle  
1 × storage bag

Order number **SA03 007 1000**



### CREVICE NOZZLE

(Connection Ø 36 mm)

Length 300 mm. For cleaning hard-to-reach areas. Made from plastic.

For SE 33-SE 133 ME  
Order number **4901 502 2200**



### RADIATOR SUCTION NOZZLE

(Connection Ø 36 mm)

For cleaning radiators and blinds. Crevice nozzle with special brush insert.

For SE 33-SE 133 ME  
Order number **4901 500 2610**



### DUSTING BRUSH

(Connection Ø 36 mm)

Width 70 mm. E.g. for computer keyboards. Rotating, with nylon bristles.

For SE 33-SE 133 ME  
Order number **4901 502 2900**



### UNIVERSAL SUCTION NOZZLE

(Connection Ø 36 mm)

Width 115 mm. Plastic, with lint brush e.g. for car seats.

For SE 33-SE 133 ME  
Order number **4901 502 2300**



### ANGLED RUBBER NOZZLE

(Connection Ø 36 mm)

Length 185 mm. For vacuuming delicate surfaces.

For SE 33-SE 133 ME  
Order number **4901 502 2400**



### BRUSH NOZZLE

(Connection Ø 36 mm)

Length 230 mm. For cleaning delicate objects, e.g. upholstered furniture.

For SE 33-SE 133 ME  
Order number **4901 502 2600**



### WET VACUUMING NOZZLE

(Connection Ø 36 mm)

Width 300 mm. For wet vacuuming.

For SE 33-SE 133 ME  
Order number **4901 500 7200**



### CREVICE NOZZLE

(Connection Ø 36 mm)

Length 920 mm. For cleaning boilers or ovens. Made from metal.

For SE 33-SE 133 ME  
Order number **4901 502 2201**



### NOZZLE FOR FLOOR CLEANING

(Connection Ø 36 mm)

Width 400 mm. Universal floor nozzle for wet and dry vacuuming. Height-adjustable.

For SE 33-SE 133 ME  
Order number **4901 500 2705**



### COMBINATION FLOOR NOZZLE

(Connection Ø 36 mm)

Width 280 mm. With foot-operated switch for smooth surfaces and carpets.

For SE 33-SE 122 E  
Order number **4901 500 2503**



### ALUMINIUM FLOOR NOZZLE

(Connection Ø 36 mm)

Width 330 mm. For dry vacuuming. Removable brush insert.



For SE 62 - SE 133 ME  
Order number 4901 500 2700

### LARGE AREA FLOOR NOZZLE

(Connection Ø 36 mm)

Width 450 mm. For large areas. Aluminium, adjustable height, with replaceable insert.



With brush insert for SE 62 - SE 133 ME  
Order number 4901 500 2710

With rubber lip insert for wet vacuuming for SE 62 - SE 133 ME  
Order number 4901 500 2711

### VACUUM HOSES

Ø 32 mm x 3.5 m, for SE 33 - SE 62 E<sup>Ⓞ</sup>  
Order number 4901 500 0518



Ø 36 mm x 3.0 m, for SE 122 - SE 133 ME  
Order number 4901 500 0504

With adapter for power tools.



Ø 27 mm x 3.5 m, for SE 33 - SE 62 E  
Order number 4901 500 0520



Ø 27 mm x 3.5 m, for SE 122 - SE 133 ME  
Order number 4901 500 0503



Ø 32 mm x 3.5 m, for SE 62 - SE 62 E<sup>Ⓞ</sup>  
Order number 4901 500 0519

### CAR SET

For cleaning different surfaces inside cars. Crevice nozzle (300 mm), dusting brush, brush nozzle and upholstery nozzle.



For SE 33 - SE 133 ME  
Order number 4901 500 9500

### WET VACUUMING SET

For cleaning up liquids. Wet vacuum floor nozzle, angled rubber nozzle, stainless steel filter element.



For SE 62 - SE 122 E  
Order number 4901 500 9400

### COARSE DIRT SET

For cleaning up coarse dirt and debris. Coarse dirt nozzle, extension hoses (2 x 500 mm), connectors (2 x), vacuum hose 1.75 m long, Ø 50 mm.



For SE 122 - SE 133 ME  
Order number 4901 500 9300

### EXTENSION HOSES

Chrome-plated, telescopic, for SE 33 - SE 133 ME  
Order number 4901 503 1602



1 unit is 500 mm in length. Stainless steel, for SE 62 - SE 133 ME  
Order number 4786 503 1600

2 unit is 500 mm in length. Aluminium, for SE 33 - SE 133 ME  
Order number 4901 503 1610

### ADAPTER FOR POWER TOOLS

(Connection Ø 36 mm)

For directly connecting electric power tools with vacuum capability to the vacuum hose. Quick-release coupling.



For SE 122 - SE 133 ME  
Order number 4901 500 7301

Order number

Max. power consumption P<sub>max</sub> (kW)

Max. vacuum (mbar)

Volume flow (l/min)

Weight (kg)

Sound pressure level<sup>Ⓞ</sup> (dB(A))

Mains voltage (V / phases / Hz)

Rated voltage (V)

Container volume (l)

Suction hose length (m)

Internal hose diameter (mm)

#### BATTERY HAND VACUUM

SEA 20	SA03 011 7300	-	80	1,026	1.1 <sup>Ⓞ</sup>	-	-	10.8	0.8	0.5 - 1.5	29
SEA 20 SET with AS 2 + AL 1	SA03 011 7310	-	80	1,026	1.3 <sup>Ⓞ</sup>	-	-	10.8	0.8	0.5 - 1.5	29

#### WET / DRY VACUUMS

SE 33	SE01 012 4400	1.4	210	3,600	5.4 <sup>Ⓞ</sup>	73.0	220 - 240 / 1 - / 50 - 60	-	12	2.0	32
SE 62	4784 012 4400	1.4	210	3,600	7.5 <sup>Ⓞ</sup>	70.9	220 - 240 / 1 - / 50 - 60	-	20	2.5	32
SE 62 E	4784 012 4403	1.4	210	3,600	8.0 <sup>Ⓞ</sup>	70.9	220 - 240 / 1 - / 50 - 60	-	20	3.5	32
SE 122	4774 012 4400	1.5	250	3,600	12.1 <sup>Ⓞ</sup>	65.1	220 - 240 / 1 - / 50 - 60	-	30	3.0	36
SE 122 E	4774 012 4405	1.5	250	3,600	12.3 <sup>Ⓞ</sup>	65.1	220 - 240 / 1 - / 50 - 60	-	30	3.0	36

#### CERTIFIED WET / DRY VACUUM

SE 133 ME	4786 012 4430	1.4	250	4,500	16.0 <sup>Ⓞ</sup>	68.0	220 - 240 / 1 - / 50 - 60	-	42	5.0	32
-----------	---------------	-----	-----	-------	-------------------	------	---------------------------	---	----	-----	----

• Fitted as standard E = Automatic switch-on function/socket M = Dust class

Ⓞ K-factor in accordance with Directive 2006 / 42 / EC = 2.0 dB(A)  
Ⓜ Weight excluding battery and nozzles  
Ⓝ Weight including battery, excluding charger and nozzles

Power cable length (m)	Wet/dry vacuuming options	Automatic switch-on function / power outlet (E)	Multiple filter system	Filter cleaning, automatic / manual	Pre-filter / paper / fleece filter element	Collection container	Paper / fleece filter bag	Handle with quick-release coupling	Plastic / stainless steel vacuum attachment	Anti-static equipment	Switchable floor nozzle	Universal nozzle / crevice nozzle	Adapter for power tool use	Speed control	Soft start-up	Delayed shutdown
-	-	-	•	-	•/•/-	•	•/-	-	•/-	-	-	•/•	-	-	-	-
-	-	-	•	-	•/•/-	•	•/-	-	•/-	-	-	•/•	-	-	-	-
4.0	•	-	-	-/-	-/-/•	-	•/-	-	•/-	-	•	-/•	-	-	-	-
5.7	•	-	•	-/•	-/•/-	-	-/•	•	•/-	-	•	•/•	-	-	-	-
5.7	•	•	•	-/•	-/•/-	-	-/•	•	-/•	-	•	•/•	•	-	-	-
8.2	•	-	•	-/•	-/-/•	-	-/•	•	-/•	•	•	•/•	-	-	-	-
8.2	•	•	•	-/•	-/-/•	-	-/•	•	-/•	•	•	•/•	•	•	•	•
8.4	•	•	•	•/-	-/-/•	-	-/•	•	-/•	•	• <sup>Ⓞ</sup>	-/•	•	•	•	•

Ⓞ Weight, ready for operation  
Ⓜ Floor nozzle not switchable  
Ⓝ Handle included in delivery



## MOVE LARGE VOLUMES OF WATER WITH EASE.

Water pumps

387



## WATER PUMPS IN DETAIL



### TECHNOLOGY

- 01 STIHL EHC ENGINE**  
STIHL water pumps are equipped with powerful and reliable 4-stroke petrol engines.
- 02 LOW OIL-LEVEL PROTECTION SENSOR**  
As soon as the oil level falls below what is required for safe operation, the engine switches off automatically.
- 03 ANTI-VIBRATION SYSTEM**  
Vibration dampers attached in straight lines on the engine as well as on the flange of the pump housing reduce mechanical tension on the entire power tool and ensure quiet running characteristics, even at high engine speeds.

### CONVENIENCE

- 04 STURDY FRAME**  
The robust frame ensures good stability on various surfaces and simultaneously protects the engine against damage.
- 05 COMPACT DESIGN**  
The compact design enables easy transport and space-saving storage.
- 06 SIMPLE OPERATION, SIMPLE MAINTENANCE**  
All service-relevant components are easy to access. The air filter can be replaced without the need for tools.

Please note that not all products are equipped with the features presented here. Only the most important features are described on this page. For further explanations and information, see from page 482 and online at [www.stihl.com](http://www.stihl.com).

## WATER PUMPS



### WP 230

40.2 cm<sup>3</sup> • max. 15 m<sup>3</sup>/h • 11.3 kg<sup>Ⓞ</sup>

Compact water pump for watering smaller areas. With powerful motor for high vertical and horizontal flow rates of up to 15 m<sup>3</sup>/h. The robust frame ensures good stability on various surfaces. The integrated strainer protects the engine against small objects and dirt particles.

Order number **VB02 011 2000**

- Ideal for use in agriculture
- For removing water from seas, rivers, ponds, and other reservoirs, simple transport of volumes of water, and pumping out of accumulated water
- Self-priming pumps with 2", 3" or 4" connections for medium to large conveying volumes



LOCAL SPECIFICATIONS MUST BE OBSERVED WHEN REMOVING WATER FROM ABOVE-GROUND BODIES OF WATER.

<sup>Ⓞ</sup> Net weight excluding fuels and lubricants





**WP 300**

212 cm<sup>3</sup> · max. 37 m<sup>3</sup>/h · 26.0 kg<sup>①</sup>

Versatile water pump with powerful 4-stroke petrol engine and 2" hose connections for moderate conveying volumes up to 37 m<sup>3</sup>/h. The integrated suction basket protects the pump against damage caused by dirt particles contained in the water. The robust frame of the water pump ensures good stability on various sub-surfaces, and protects the engine against accidental impact and damage. Suction and pressure hose not included in delivery.

Order number **VB03 011 2000**



**WP 600**

212 cm<sup>3</sup> · max. 63 m<sup>3</sup>/h · 29.0 kg<sup>①</sup>

Robust and reliable water pump with powerful 4-stroke petrol engine and 3" hose connections for large delivery volumes up to 63 m<sup>3</sup>/h. With integrated suction basket to protect the pump from dirt particles in the water. The robust frame of the water pump ensures good stability on various surfaces and simultaneously protects the engine from damage. Suction and pressure hose not included in delivery.

Order number **VB04 011 2000**



**WP 900**

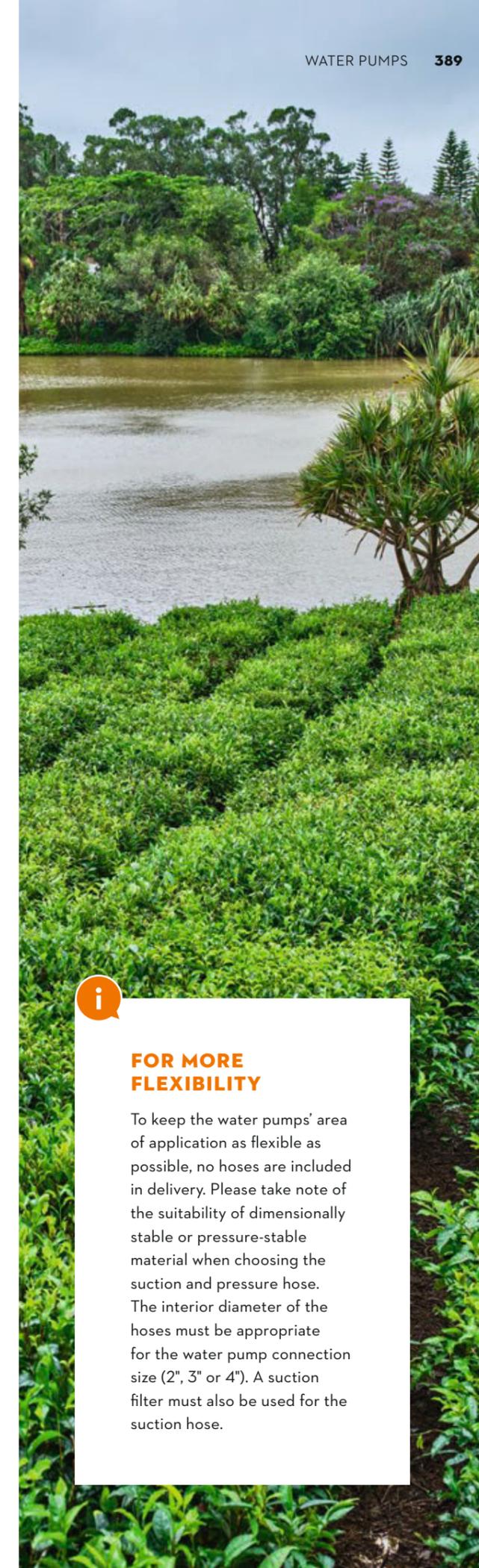
252 cm<sup>3</sup> · max. 94 m<sup>3</sup>/h · 38.0 kg<sup>①</sup>

Very powerful water pump with 4-stroke petrol engine and 4" hose connections for very large delivery volumes up to 94 m<sup>3</sup>/h. The sturdy frame ensures good water pump stability on various surfaces and simultaneously protects engine against damage. The integrated suction basket protects the pump against contamination by dirt particles contained in the water. Suction and pressure hose not included in delivery.

Order number **VB05 011 2000**

Order number	Engine type	Displacement (cm <sup>3</sup> )	Rated output (kW/hp)	Max. working speed (rpm)	Tank volume (l)	Weight <sup>①</sup> (kg)	Hose connection (inches)	Max. flow capacity (m <sup>3</sup> /h)	Max. volume flow (l/min)	Max. pressure head (m)	Max. suction head (m)	Max. delivery pressure (bar)	Guaranteed sound power level (dB(A))	Measured sound pressure level (dB(A))	Sound pressure level uncertainty <sup>②</sup> (dB(A))
<b>WP 230</b>	2-stroke-engine	40.2	1.55/2.1	-	0.81	11.3	1.5	15	250	27	8	-	-	-	-
<b>WP 300</b>	STIHL EHC 605	212	4.4/6.0	3,600	3.6	26.0	2	37	615	33	7	3	101	86	2
<b>WP 600</b>	STIHL EHC 605	212	4.4/6.0	3,600	3.6	29.0	3	63	1,050	31	7	3	103	87	3
<b>WP 900</b>	STIHL EHC 705	252	5.2/7.1	3,400	4.0	38.0	4	94	1,565	34	6.5	3	105	89	3

① Net weight excluding fuels and lubricants  
 ② Uncertainty in accordance with Directive 2006/42/EC



**FOR MORE FLEXIBILITY**

To keep the water pumps' area of application as flexible as possible, no hoses are included in delivery. Please take note of the suitability of dimensionally stable or pressure-stable material when choosing the suction and pressure hose. The interior diameter of the hoses must be appropriate for the water pump connection size (2", 3" or 4"). A suction filter must also be used for the suction hose.



## POWERFUL PERFORMANCE MADE EASY.

[Garden shredders for every requirement](#)

**393**

[Garden shredders and accessories](#)

**394**



# GARDEN SHREDDERS IN DETAIL



## TECHNOLOGY

- 01 BRS TURNING TECHNOLOGY**  
The direction of the shredder blades can be changed using a dial. When turning clockwise, the tool deals with hard shreddable material such as branches; while the powerful blades that work in the anti-clockwise direction convert soft green waste into compostable matter. Handling different shreddable materials in this way effectively protects the blades.
- 02 SANDWICH-TYPE BLADE CONSTRUCTION**  
Provides optimum material shredding with low vibration. Additional wing blades and ripping blades further enhance the shredding process.

## CONVENIENCE

- 03 NOISE-OPTIMISED FEED HOPPER**  
Minimises working noise while shredding.
- 04 EXTRA-LARGE FILLER OPENING**  
For easy filling of bulky branches and soft material.

Please note that not all products are equipped with the features presented here. Only the most important features are described on this page. For further explanations and information, see from page 482 and online at [stihl.com](http://stihl.com).

# GARDEN SHREDDERS FOR EVERY REQUIREMENT

Our clear **model recommendations based on drive type, shredded material, and processing quantity** will help you find the right garden shredder for your demands. For example, if you would like to shred large quantities of material, and thicker branches in particular, then our powerful petrol-driven garden shredders are the right choice for you. Thanks to the wide product range, our high-throughput electric garden shredders are suitable for a wide range of tasks, from occasional shredding of small quantities of green cuttings to regular shredding of thicker branches. There are also quiet models in the range, for use in noise-sensitive areas.

GARDEN SHREDDER	TYPE OF SHREDDING MATERIAL		PROCESSING VOLUME	
	MIXED	HARD	MIXED	HARD
<b>PETROL-DRIVEN SHREDDER</b>				
GH 370 S	•	•	-	-----
GH 460	•	•	-----	-----
GH 460 C	•	•	-----	-----
<b>ELECTRIC SHREDDER</b>				
GHE 135 L	-	•	-	-----
GHE 140 L	-	•	-	-----
GHE 105	•	•	-	-----
GHE 150	•	•	-----	-----
GHE 250 S	•	•	-----	-----
GHE 250	•	•	-----	-----
GHE 260 S	•	•	-----	-----
GHE 260	•	•	-----	-----
GHE 355	•	•	-----	-----
GHE 375	•	•	-----	-----
GHE 450	•	•	-----	-----

The S models are particularly well suited to processing branches.

• Mixed shredding material: flower cuttings, leaves, thin twigs, etc.  
• Hard shredding material: branches, twigs, woody hedge cuttings, etc.



## GARDEN SHREDDERS AND ACCESSORIES

- For applications in domestic gardens and landscape maintenance
- For shredding hard and soft material
- With powerful engines
- Efficient blades and shredding systems
- A wide range of models - even including noise-sensitive power tools



### GH 370 S<sup>①</sup>

196 cm<sup>3</sup> • 3.4 kW / 4.6 hp

Powerful petrol-driven shredder for a high volume of thicker branches. No power connection required, making it particularly mobile.

Order number **6001 200 0010**



### GH 460 C

352 cm<sup>3</sup> • 6.5 kW / 8.8 hp

Powerful petrol-driven shredder for a high volume of thick branches and soft material. Does not require a power connection. Ideal for shredding particularly large volumes of material. With a 2-chamber system, sandwich blade unit, and one-click / one-turn safety switch. Equipped with pneumatic tyres for easy transport.

Order number **6012 200 0016**

**Additional versions:**

GH 460 **6012 200 0011**



### APPROPRIATE FUELS AND LUBRICANTS

SEE FROM PAGE 404

C = Comfort version  
L = Quiet  
S = Chipping



### GHE 105<sup>①</sup>

230 V • 2.2 kW

Compact electric shredder with an effective electric motor for occasional shredding of medium-thickness branches and soft material. With cloverleaf opening.

Order number **6007 011 1175**



### GHE 140 L<sup>②</sup>

230 V • 2.5 kW

Compact electric shredder with a powerful electric motor for occasional shredding of medium-thickness branches. With cloverleaf opening, integrated shredding container and slow-turning, quiet roller. Folds up for particularly space-saving and easy transport.

Order number **6013 011 1130**

**Additional versions:**

GHE 135 L<sup>②</sup> **6013 011 1120**



### GHE 150<sup>①</sup>

230 V • 2.5 kW

Compact electric shredder with a powerful electric motor for occasional shredding of medium-thickness branches. With sandwich-type blade unit and cloverleaf opening.

Order number **6008 011 1130**



### GHE 250

230 V • 2.5 kW

Electric shredder with a powerful electric motor for regular shredding of medium-thickness branches and soft material. Ideal for shredding larger quantities of material. With sandwich-type blade unit.

Order number **6008 011 1030**

**Additional versions:**

GHE 250 S<sup>①</sup> **6008 011 1140**

GHE 260 **6008 011 1035**

GHE 260 S<sup>①</sup> **6008 011 1150**

① Particularly well-suited to branch material  
② Only suitable for shredding hard material



**GHE 375**

400 V • 3.0 kW

Electric shredder with a powerful electric motor for regular shredding of medium-thickness branches and soft material. Ideal for shredding larger quantities of material, thanks to the large filler opening. With sandwich-type blade unit and BRS turning technology.

Order number **6011 011 1025**

Additional versions:  
GHE 355 **6011 011 1020**



**ATZ 150 ANGLED CHUTE**

For processing thicker branches. Sound-insulated, including Multi-Cut 150 cutting system.

For GHE 250 and GHE 260  
Order number **6903 007 1013**



Order number

Maximum branch thickness (Ø in mm)

**GHE 450**

400 V • 3.8 kW

Electric shredder with a powerful electric motor for regular shredding of thicker branches and soft material. Ideal for shredding large quantities of material. With power connection, 2-chamber system, sandwich-type blade unit, and one-click/one-turn safety switch.

Order number **6012 200 0010**

Additional versions:  
GHE 420 **6012 200 0009**



**AHB 050 SHREDDING CONTAINER**

50 l, freestanding. For collecting shredded material.



For GH 370 S, GHE 105, GHE 150, GHE 250, GHE 250 S, GHE 260, GHE 260 S, GHE 355 and GHE 375  
Order number **6903 760 2546**

PETROL-DRIVEN SHREDDER																		
Model	Order number	Max. branch thickness (mm)	Engine type	Displacement (cm³)	Rated output (W)	Rated output (kW / hp)	Working speed (rpm)	Rated voltage	Cutting tool (rated speed)	Weight (kg)	Guaranteed sound power level (dB(A))	Measured sound pressure level (dB(A))	Sound pressure level uncertainty (dB(A))	2-chamber system	Sandwich-type blade unit	Turning technology	Cloverleaf opening	One-click / one-turn safety switch
<b>GH 370 S</b> <sup>①</sup>	6001 200 0010	45	STIHL EVC 1000	196	-	3.4 / 4.6	2,400	-	Multi-Cut 370	40 <sup>②</sup>	104	94	3	-	•	-	-	-
<b>GH 460</b>	6012 200 0011	60	B&S series 850 EXi OHV RS	190	-	3.4 / 4.6	2,740	-	Multi-Cut 450	59 <sup>②</sup>	104	96	3	•	•	-	-	•
<b>GH 460 C</b>	6012 200 0016	75	STIHL EVC 2000	352	-	6.5 / 8.8	2,560	-	Multi-Cut 450	76 <sup>②</sup>	104	94	3	•	•	-	-	•
ELECTRIC SHREDDER																		
<b>GHE 105</b> <sup>①</sup>	6007 011 1175	35	-	-	2,200	-	-	230 V-	Multi-Cut 103 (2,800 rpm)	19	104	93	3	-	-	-	•	-
<b>GHE 135 L</b> <sup>②</sup>	6013 011 1120	35	-	-	2,300	-	-	230 V-	Cutting roller (40 rpm)	23	94	87	3	-	-	-	•	-
<b>GHE 140 L</b> <sup>②</sup>	6013 011 1130	40	-	-	2,500	-	-	230 V-	Cutting roller (40 rpm)	24	93	85	3	-	-	-	•	-
<b>GHE 150</b> <sup>①</sup>	6008 011 1130	35	-	-	2,500	-	-	230 V-	Multi-Cut 150 (2,800 rpm)	26	99	89	2	-	•	-	•	-
<b>GHE 250</b>	6008 011 1030	30	-	-	2,500	-	-	230 V-	Multi-Cut 250 (2,800 rpm)	27	103	92	3	-	•	-	-	-
<b>GHE 250 S</b> <sup>①</sup>	6008 011 1140	35	-	-	2,500	-	-	230 V-	Multi-Cut 150 (2,800 rpm)	27	100	90	3	-	•	-	-	-
<b>GHE 260</b>	6008 011 1035	35	-	-	2,900	-	-	400 V 3-	Multi-Cut 250 (2,780 rpm)	27	102	89	3	-	•	-	-	-
<b>GHE 260 S</b> <sup>①</sup>	6008 011 1150	40	-	-	2,900	-	-	400 V 3-	Multi-Cut 150 (2,780 rpm)	27	101	91	3	-	•	-	-	-
<b>GHE 355</b>	6011 011 1020	35	-	-	2,500	-	-	230 V-	Multi-Cut 355 (2,750 rpm)	30	100	94	3	-	•	•	-	-
<b>GHE 375</b>	6011 011 1025	40	-	-	3,000	-	-	400 V 3-	Multi-Cut 355 (2,810 rpm)	30	100	95	3	-	•	•	-	-
<b>GHE 420</b>	6012 200 0009	50	-	-	3,800	-	-	230 V-	Multi-Cut 450 (2,800 rpm)	52	106	98	4	•	•	-	-	•
<b>GHE 450</b>	6012 200 0010	55	-	-	3,800	-	-	400 V 3-	Multi-Cut 450 (2,800 rpm)	52	108	95	4	•	•	-	-	•

• Fitted as standard B&S = Briggs&Stratton RS = ReadyStart C = Comfort version L = Quiet S = Chipping  
OHV = Overhead valves

① Particularly well-suited to branch material  
② Only suitable for shredding hard material

③ Uncertainty in accordance with Directive 2006 / 42 / EC  
④ Net weight excluding fuels and lubricants



# ACCESSORIES



SMART SOLUTIONS



FUELS AND  
LUBRICANTS



PERSONAL PROTECTIVE  
EQUIPMENT



HAND TOOLS AND  
FORESTRY TOOLS

**EQUIPPED FOR THE FUTURE  
WITH OUR DIGITAL SOLUTIONS.**

Smart Forest

402



# ADVANCE PROCOM

## SMART, EFFICIENT, COMFORTABLE COMMUNICATION

With the STIHL ADVANCE ProCOM conference system, you can communicate clearly and efficiently even when working in noisy environments. This ear protection is capable of direct connection with up to 15 additional headsets and a range of up to 600 m. You benefit from extremely high noise protection thanks to efficient filtering which actively dampens machine noise. The Bluetooth® connection makes it possible to use a large number of smartphone functions without needing to take your device out of your pocket. The ADVANCE ProCOM combines innovative technology with very simple operation logic. Find out for yourself!



### VERSION:



**ADVANCE ProCOM**  
ear protectors  
Order number  
0000 884 0544



**ADVANCE ProCOM**  
ear defenders set  
Order number  
0000 889 8011



**NEW**  
**ADVANCE X-Vent**  
ProCOM helmet set  
Order number  
0000 888 0813

➔ Additional information about the variants is available from page 448

Ⓜ In combination with the ADVANCE GPA 28 and GPC 28 face/ear protectors, the FUNCTION Universal helmet sets and all helmets in the ADVANCE model series  
Ⓜ For explanation of quality marks, see page 491

## SMART FUNCTIONS MADE EASY:

### TECHNOLOGY

- Using Intercom Mesh technology, up to 16 people can be linked in a network via ADVANCE ProCOM.
- Direct connection between headsets over a distance of up to 600 m. Each headset also acts as an amplifier.
- Ambient sound can also be picked up when wearing the headset. Machine sounds are actively dampened using efficient filtering.



For extremely high sound and noise protection.



Thanks to an IP 64 protection rating, sweat, dirt, and rain cannot harm the headset's electronics.



Capability to pair hand-held devices via Bluetooth® to extend range, as well as to communicate with users who do not use ADVANCE ProCOM.

### CONVENIENCE

- Simple control logic via ergonomic buttons easily distinguishable by touch.
- Conduct phone conversations via a smartphone Bluetooth® connection.

### ENTERTAINMENT

- An integrated FM radio for entertainment while you work, meaning there is no need to use your smartphone.
- Smartphone voice assistants can be used by pressing a button on the headset.

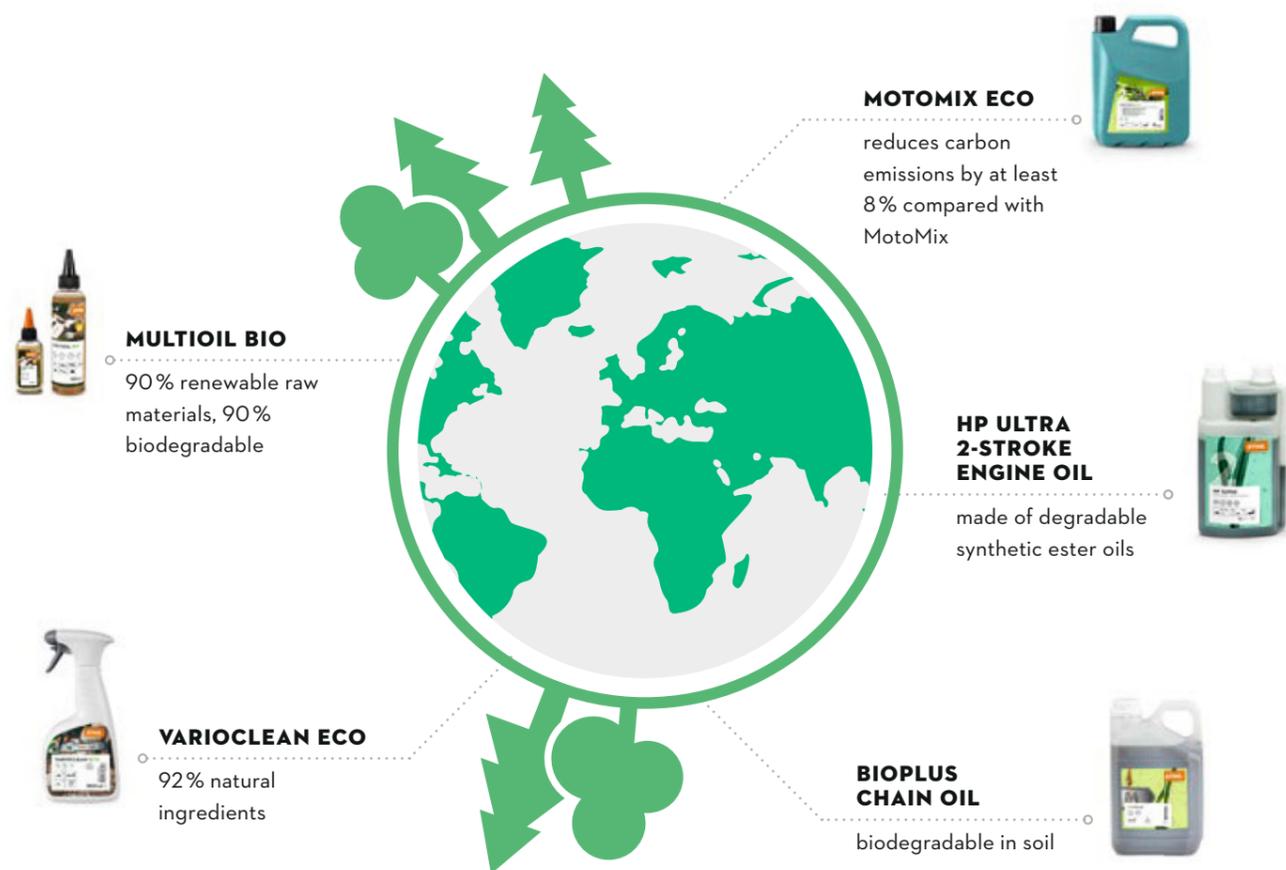




**SHOWING OUR LOVE OF MACHINES.  
ONE DROP AT A TIME.**

Fuels and lubricants for STIHL 2-stroke, 2-MIX and 4-MIX® engines	<b>407</b>	Cleaning agents	<b>413</b>
Fuels/lubricants for 4-stroke engines	<b>412</b>	Accessories for fuels and lubricants	<b>416</b>

# NATURALLY SUSTAINABLE



## FUELS, LUBRICANTS AND CLEANING AGENTS WITH GOOD BIO-COMPATIBILITY

Research and development of STIHL fuels & lubricants is constantly working towards an ever-expanding portfolio of sustainable products. As such, three key facets for achieving this are constantly under development: biological ingredients from regenerative sources, biodegradability, and reduced carbon emissions. The products shown above are already showing the first concrete results.

## FUELS AND LUBRICANTS FOR STIHL 2-STROKE, 2-MIX AND 4-MIX® ENGINES

- High-quality fuels and lubricants for perfect running behaviour
- Optimum lubrication properties
- Low-residue combustion
- High environmental compatibility



### MOTOMIX READY-MIXED FUEL

**Tip Korf**  
Ready-mixed fuel (1:50) for all STIHL 2-stroke, 2-MIX and 4-MIX® engines; optimum performance, excellent cold start properties, maximum acceleration over the entire speed range, perfect running characteristics even with sudden throttle changes. User-friendly and engine-friendly thanks to fewer emissions (free from ethanol; almost no olefins and aromatic compounds). Can be stored for up to 5 years<sup>Ⓢ</sup>. With STIHL HP ultra premium oil for exceptional engine lubrication and extreme cleanliness, fully synthetic and biodegradable for optimal performance and long service life. Reliable top performance from a single source - STIHL 2-stroke, 2-MIX and 4-MIX® engines are made for STIHL MotoMix; all conceivable applications have been rigorously tested.

Quantity	Order number
11	0781 999 6300
51	0781 999 6301
201 <sup>Ⓢ</sup>	0781 999 6004

<sup>Ⓢ</sup> Appropriate storage conditions: In technically approved airtight containers. Store in dry, dark storage conditions where possible, at a maximum room temperature of 20°C

### ACCESSORIES: FILLING SYSTEM FOR FUEL

For easy refuelling of your STIHL power tools. For MotoMix 5 l canisters, STIHL combination canisters and STIHL petrol canisters up to a maximum of 5 l, suitable for all tank openings with a diameter greater than 23.5 mm.

Order number **0000 890 5005**

### ACCESSORIES: POURING AID FOR 20 L CONTAINER

Tap for easy, clean measuring and filling. High flow rate.

Order number **0000 881 8803**

<sup>Ⓢ</sup> Additional containers on request  
<sup>Ⓢ</sup> For explanation of quality marks, see page 491





### MOTOMIX ECO READY-MIXED FUEL

**STIHL** Special fuel (ready-mixed, 1:50) for all STIHL 2-stroke, 2-MIX and 4-MIX® engines containing 10% raw materials from regenerative sources<sup>Ⓞ</sup>. Just like the tried-and-tested STIHL MotoMix fuel mixture, this version ensures optimum power delivery, the best cold-start properties, maximum acceleration over the entire engine speed range and flawless running characteristics in petrol-driven power tools – but with 8% lower CO<sub>2</sub> emissions compared to classic STIHL MotoMix. Ethanol-free and almost no olefins and aromatic compounds. Can be stored for up to 5 years<sup>Ⓞ</sup>. With STIHL HP ultra premium oil for exceptional engine lubrication and extreme cleanliness, fully synthetic and biodegradable for optimal performance and service life. STIHL MotoMix Eco is made for STIHL 2-stroke and 2-MIX as well as 4-MIX® engines; all conceivable applications have been put through rigorous testing. MotoMix Eco canister is made from at least 50% recycled material.

Quantity	Order number
5 l	0781 999 6303



### ALL THIS APPLIES TO THE PACKAGING TOO!

STIHL chooses sustainable components not only for its fuels and cleaning agents, but also for its packaging. For example the MotoMix Eco ready-mixed fuel canister and the new spray bottles for VarioClean Eco special cleaner are both made from at least 50% recycled material. Recycling waste plastics for the production of new plastic helps to protect resources.



### HP 2-STROKE ENGINE OIL

Mineral-oil-based engine oil, especially developed for the demanding needs of power tools. Good lubrication and combustion properties, JASO-FB, ISO-L-EGB, oil/fuel ratio 1:50; suitable for all mixed-lubrication STIHL engines.

Quantity	Order number
100 ml (for 5 l)	0781 319 8401
1 l (for 50 l)	0781 319 8410
1 l (for 50 l), measuring bottle	0781 319 8411
5 l (for 250 l)	0781 319 8433
10 l <sup>Ⓞ</sup> (for 500 l)	0781 319 8434



### HP ULTRA 2-STROKE ENGINE OIL

Fully synthetic oil for long periods of use under the most demanding conditions. Exceptional lubrication properties, low-residue combustion, biodegradable (over 60% in accordance with OECD 301 B), particularly low in sulphur, JASO-FB, ISO-L-EGB, oil/fuel ratio 1:50.

Quantity	Order number
100 ml (for 5 l)	0781 319 8612
1 l (for 50 l), measuring bottle	0781 319 8619
5 l (for 250 l)	0781 319 8624



### HP SUPER 2-STROKE ENGINE OIL

Partially synthetic “Low-smoke oil”, specially developed for all mixed-lubrication STIHL engines. Outstanding start capability and clean, low-smoke burning. JASO-FD, ISO-L-EGD, oil/fuel ratio 1:50.

Quantity	Order number
100 ml (for 5 l)	0781 319 8067
1 l (for 50 l)	0781 319 8071
1 l (for 50 l), measuring bottle	0781 319 8075
5 l (for 250 l)	0781 319 8078
10 l (for 500 l)	0781 319 8056



### PROFESSIONAL TIP

Exceptional lubrication and cleanliness are the most important development specifications for all STIHL engine oils. With consistent use of HP Ultra, a piston that has been running for several hundred hours in the STIHL test lab still looks almost new (see image).

	Lubrication	Cleanliness	Deposit build-up protection	Corrosion protection	Miscible up to an ethanol content of 25% <sup>Ⓞ</sup>	Special features	Recommendation
<b>2-STROKE ENGINE OILS</b>							
<b>HP</b>	+	+	+	+	Yes	Good lubrication and combustion properties	High-quality engine oil
<b>HP SUPER</b>	++	+++	+++	++	Yes	Low-smoke, very good miscibility	Top engine oil for long service life
<b>HP ULTRA</b>	+++	+++	+++	+++	Yes	Biodegradable, ash-free burning	The best STIHL engine oil for cleanliness and long engine service life

+ Suitable  
 ++ Very suitable  
 +++ Extremely suitable

Ⓞ The proportion made from regenerative sources is exclusively derived from non-edible plant matter.  
 Ⓜ Appropriate storage conditions: In technically approved airtight containers. In dry, dark storage conditions at a maximum room temperature of 20°C.

Ⓞ Additional containers on request  
 Ⓞ Please observe the power tool's safety instructions  
 Ⓞ For explanation of quality marks, see page 491

## THE ADVANTAGES OF OUR SPECIAL FUELS

Our **STIHL MotoMix** and **MotoMix Eco** special fuels have been extensively tested by us and are ideally attuned to our petrol-driven power tools with STIHL 2-stroke, 2-MIX or 4-Mix® engines. The mixed-in STIHL HP Ultra Premium engine oil ensures fantastic engine lubrication and in this way protects against premature wear.

STIHL MotoMix and MotoMix Eco are particularly pure fuels and contain almost no ethanol, aromatic compounds and olefins. This means they are not only excellent for engines but also put less strain on people and the environment. Our special fuels can also be stored for at least 5 years<sup>Ⓞ</sup>.

**Note:** For our 4-stroke engines, we recommend **STIHL Moto4Plus** unmixed special fuel. It offers the same advantages for people, machinery and the environment as STIHL MotoMix and MotoMix Eco.



**PEOPLE**  
 Vapours and exhaust gases are almost free of damaging aromatic compounds and olefins



**THE ENVIRONMENT**  
 Lower carbon emissions due to a high proportion of saturated hydrocarbons



**MACHINE**  
 Maximum cleanliness due to deposit-free combustion





### FORESTPLUS CHAIN OIL

Based on high-quality mineral oils. Reliable lubrication, no resinification, even during extended downtime.



### SYNTHPLUS CHAIN OIL

Semi-synthetic high-performance lubricant prevents wear and resinification during extended downtime. Free-flowing to -25°C, with high-quality fresh oils.



### BIOPLUS CHAIN OIL

 Particularly eco-friendly plant-based oil, with superior lubricating and adhesive properties. More rapidly biodegradable in soil, awarded the European Ecolabel among others, tested in accordance with OECD 301 B. The BioPlus canister is made up of at least 25% recycled material.

Quantity	Order number
11	0781 516 6001
5 l <sup>①</sup>	0781 516 6002

Quantity	Order number
11	0781 516 2000
3 l	0781 516 2012
5 l	0781 516 2002
20 l <sup>①</sup>	0781 516 2004

Quantity	Order number
11	0781 516 3001
3 l	0781 516 3002
5 l	0781 516 3004
20 l <sup>①</sup>	0781 516 3007



### BIO SAW CHAIN OIL: SUSTAINABLE FORESTRY WORK

In Germany, around ¾ of all forest areas are certified<sup>①</sup>. That means there are strict guidelines in place for sustainable management of our forests. All certified forest areas are governed by the specifications<sup>②</sup> - regardless of whether they are managed privately or commercially.

For example, only biodegradable chain lubricant may be used. BioPlus chain oil from STIHL fulfils all the current requirements, offers excellent lubrication and adhesion properties with a plant base, and is very environmentally friendly<sup>③</sup>.



### STIHL CHAIN OIL: FOR SMOOTH WORKING

All STIHL chain oils are subject to extensive internal and external checks for ideal compatibility with our chainsaws and cutting attachments. This means that they are ideally attuned to the tools and you benefit from:

- ✔ **Optimum lubrication** for minimum wear of the saw chain and guide bar
- ✔ **Protection against corrosion** of the cutting attachment
- ✔ **Protection against adhesion or gumming** of the cutting attachment during storage
- ✔ **A cooling effect** to protect against the saw chain overheating
- ✔ **Longer-lasting adhesion** to the saw chain and bar

CHAIN OILS	Base oils	Lubrication	Special features	Service life (years) <sup>④</sup>	Free-flowing in cold conditions down to (°C)
<b>SYNTHPLUS</b>	Synthetic and mineral	very good	High-performance oil	7	-25
<b>BIOPLUS</b>	Plant-based oil	good	Environmentally friendly, biodegradable	4	-20

! Only while stocks last!

① Additional containers on request  
 ② By means of the PEFC (Programme for the Endorsement of Forest Certification Schemes) or the FSC (Forest Stewardship Council)

③ You can ask your forest ranger whether your forest area is certified, or go directly to the certifying body.  
 ④ Verified in accordance with OECD 301 B, awarded the European Eco-Label



### POURING AIDS FOR CHAIN OIL

For easy, clean dosing and refilling.

For 1 l<sup>①</sup>, 3 l and 5 l, spout  
 Order number 0000 881 8802

For 20 l, tap  
 Order number 0000 881 0119



### SUPERLUB

High-performance gear lubricant for all STIHL brushcutters, clearing saws and pole pruners.

! Tube, 40 g  
 Order number 0781 120 1022

Tube, 80 g  
 Order number 0781 516 1102

Tube, 225 g  
 Order number 0781 516 1104



### MULTIPURPOSE GREASE

Multi-purpose grease for all STIHL hedge trimmer and electric chainsaw gear systems.

! Tube, 40 g  
 Order number 0781 120 1021

Tube, 80 g  
 Order number 0781 120 1109

Tube, 225 g  
 Order number 0781 120 1110



### MULTIOIL BIO

Multi-functional oil with a diverse range of uses. Can be used as a lubricant (for example with GTA 26), cleaner, corrosion protection, rust protection, and penetrating oil. Cannot be used as a chain lubricant for MS. The oil has an eco-friendly composition, as it is 90% produced from renewable raw materials and is 90% biodegradable. Natural oil base, does not resinify.

50 ml  
 Order number 0782 516 8500

150 ml  
 Order number 0782 516 8504



### GREASE GUN

For very precise lubrication.

Order number 1108 890 2500

③ Appropriate storage conditions: In technically approved airtight containers. In dry, dark storage conditions at a maximum room temperature of 20°C.

④ Cannot be used for ForestPlus 1 l chain oil  
 ⑤ For explanation of quality marks, see page 491







**NEW**  
**VARIOCLEAN ECO**



Versatile and material-friendly special cleaner, 92% composed of ingredients of natural origin. For loosening and cleaning surface dirt on STIHL power tools and cutting attachments, for instance from oils, greases, resin, plant residue and grass stains, as well as for cleaning air filters on chainsaws and wet/dry vacuums (HD2, wire, PA, PET and PTFE filters). Pleasant odour. Spray bottles made from at least 50% recycled material.



**Spray bottle, 150 ml**  
Order number **0782 516 8003**

**Spray bottle, 500 ml**  
Order number **0782 516 8004**



STIHL VarioClean ECO has been certified as an ecological cleaning agent by the ECOCERT Greenlife independent international certification body.<sup>Ⓞ</sup>

Contact spray  
Penetrating oil  
Corrosion protection  
Lubricant  
Oil  
Plant-based oil  
Resin  
Adhesive residue  
Rust  
Tar  
Dirt  
Grass stains

CLEANING AGENTS							
	APPLICATIONS	EFFECT	REMOVED	INFORMATION ON USE			
<b>SUPERCLEAN</b>	Cutting attachments, hedge trimmer blades and chainsaws	- - ● ●	- - ● - ● -	Spray into cutting tools after each use. Briefly run the hedge trimmer blade after spraying.			
<b>MULTISPRAY</b>	Tools and machines	● ● ● ●	- - - ● ● ● - -	Spray tools and wipe with a cloth.			
<b>MULTICLEAN</b>	Plastic, metal, rubber and painted surfaces	- - - -	● ● ● - - - ● ●	Spray MultiClean onto a microfibre cloth, for example, and wipe the surface with it.			
<b>VARIOCLEAN</b>	Air filters, cutting attachments, blades, circular saw blades, and machine housing	- - - -	● ● ● - - - ● ●	Spray tools and power tools, wash off with water after 3 – 5 minutes of exposure time, and dry with a cloth. Then protect cutting attachments and tools against corrosion using MultiSpray.			
<b>VARIOCLEAN ECO</b>	Air filters, cutting attachments, blades, circular saw blades, and machine housing	- - - -	● ● ● - - - ● ●	Spray tools and power tools, wash off with water after 3 – 5 minutes of exposure time, and dry with a cloth. Then protect cutting attachments and tools against corrosion using MultiSpray.			

● Suitable    Ⓞ ECOCERT "Natural detergents" standard can be viewed at [detergents.ecocert.com](http://detergents.ecocert.com)  
Ⓞ For explanation of quality marks, see page 491



**iMOW® & LAWN MOWER CARE & CLEAN KIT**

Cleaning and maintenance kit for iMOW® and lawn mower. For effective cleaning of the housing, mower unit, and iMOW® docking station.

**Standard pack**  
1 × MultiClean, 500 ml  
1 × Cleaning brush scraper  
1 × Microfibre cloth (grey)

Order number **0782 516 8600**

**Special value pack**  
1 × MultiClean, 500 ml  
1 × Cleaning brush scraper  
2 × Microfibre cloth (grey, orange)  
1 × Carry bag

Order number **0782 516 8605**



**HS CARE & CLEAN KIT**

For the maintenance and care of STIHL long-reach hedge trimmers and hedge trimmers

**Sample pack**  
1 × SuperClean, 50 ml  
1 × Multipurpose grease, 40 g

Order number **0782 516 8603**

**Special value pack**  
1 × SuperClean, 300 ml  
1 × Multipurpose grease, 80 g

Order number **0782 516 8604**



**NEW**  
**MS CARE & CLEAN KIT**

Cleaning and maintenance kit for STIHL chainsaws. For effective and gentle cleaning of surfaces, sprocket covers, cylinder fins, guide bars, oil holes, and HD2 air filters.

**Sample pack**  
1 × VarioClean Eco, 150 ml  
1 × Cleaning brush with groove cleaner

Order number **0782 516 8606**

**Special value pack**  
1 × VarioClean Eco, 500 ml  
1 × Cleaning brush with groove cleaner  
1 × Microfibre washbag for HD2 filter

Order number **0782 516 8607**



**FS CARE & CLEAN KIT**

For the maintenance and care of STIHL brushcutters and clearing saws.

**Sample pack**  
1 × MultiSpray, 50 ml  
1 × SuperLub, 40 g

Order number **0782 516 8601**

**Special value pack**  
1 × MultiSpray, 400 ml  
1 × SuperLub, 80 g  
1 × VarioClean, 500 ml

Order number **0782 516 8602**



# ACCESSORIES FOR FUELS AND LUBRICANTS

- Fuel and lubricant transport made easier
- No mess when filling up power tools
- Reliable equipment for domestic as well as professional users



## FUEL CANISTER

Containers available in different sizes and colours. UN-approved.



**3 l, transparent**  
Order number 0000 881 0204

**5 l, transparent**  
Order number 0000 881 0202

**5 l, orange**  
Order number 0000 881 0200

**10 l, transparent**  
Order number 0000 881 0212

**20 l, transparent**  
Order number 0000 881 0209

### ACCESSORIES: OUTLET PIPE (SEE IMAGE ABOVE)

Order number 0000 881 0217

## MIXING BOTTLE

For easy mixing and filling of smaller fuel amounts up to 1 l. Narrow outlet spout, large filler opening, scales on the bottle and on the lid, can be closed.



Order number 0000 881 9411

## MEASURING JUG

For preparing fuel mixtures.



**For mixing up to 5 l**  
Order number 0000 881 0186

**For mixing up to 25 l**  
Order number 0000 881 0182

## COMBINATION CANISTER

### Standard

Twin canister for 5 l fuel and 3 l chain oil. UN-approved.



**Orange**  
Order number 0000 881 0111

**Transparent**  
Order number 0000 881 0120

### Professional

Professional version with two holders for carrying tools and filling system (tools and filling system not included).



**Orange**  
Order number 0000 881 0113

**Transparent**  
Order number 0000 881 0123

### Small

Small twin canister for 3 l fuel and 1.5 l chain oil. UN-approved, includes spouts, canister suitable for STIHL filling systems.



**Orange**  
Order number 0000 881 0124

### ACCESSORIES: SPOUT

Black, with cap.



Order number 0000 881 0128

## HOLDERS

For convenient storage of the filling system. For standard combination canisters and smaller 3 l/1.5 l versions.



Order number 0000 881 0126

For convenient storage of attachments. For standard combination canisters.



Order number 0000 881 0127

## FILLING SYSTEM FOR CHAIN OIL

To easily refuel the tool without it overflowing. Suitable for all tank openings with a diameter greater than 23.5 mm.



Order number 0000 890 5004

## FILLING SYSTEM FOR FUEL

For easy refuelling of your STIHL power tools. For MotoMix 5 l canisters, STIHL combination canisters and STIHL petrol canisters up to a maximum of 5 l, suitable for all tank openings with a diameter greater than 23.5 mm.



Order number 0000 890 5005

### ACCESSORIES: SPACER

For MS 200 chainsaw series.



Order number 0000 894 6301

## METAL CANISTER

20 l container with UN approval.



Order number 0000 881 0205

### ACCESSORIES: FLEXIBLE SPOUT PORT (NOT PICTURED)

Order number 0000 881 0211

## SG 11 PLUS

Hand sprayer with adjustable nozzle for distributing cleaning agents and solvents, for example CP 200 or VarioClean. Filling volume 1.5 l, maximum pressure 3 bar, EPDM seals for cleaning agents and solvents in the 7-14 pH range. The pump is fitted with a special protective element that ensures a long service life.

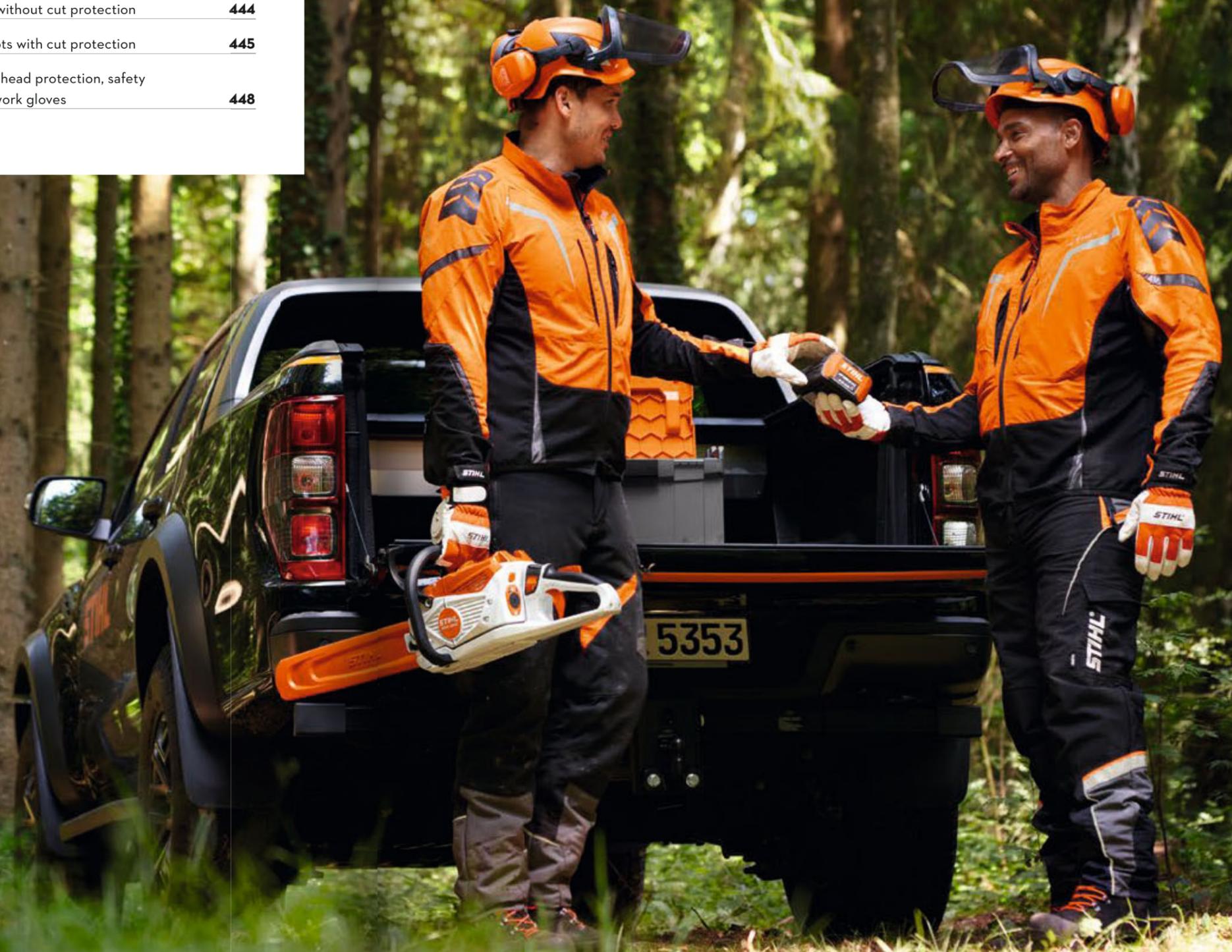


Order number 4255 019 4912

## VERSATILE. FUNCTIONAL. PROTECTIVE.

Work clothing for wearing when using a chainsaw	<b>422</b>
Work clothing for wearing when using power tools	<b>434</b>
High-visibility clothing	<b>437</b>
Weatherproof clothing and functional clothing	<b>440</b>

Measurements and sizes	<b>442</b>
Safety boots without cut protection	<b>444</b>
Chainsaw boots with cut protection	<b>445</b>
Face, ear and head protection, safety glasses, and work gloves	<b>448</b>



# PERSONAL PROTECTIVE EQUIPMENT IN DETAIL



## TECHNOLOGY

- 01 PREMIUM HIGH-TECH FIBRES**  
Materials developed in-house for a high level of protection against thorns, water, wind and cold, without compromising breathability and comfort.
- 02 SOPHISTICATED DESIGN**  
Functional clothing with clever answers to users' requirements - e.g. individually adjustable ventilation openings and specially reinforced fabric in areas subject to particular stress, such as knees and elbows.

## CONVENIENCE

- 03 SIMPLE MAINTENANCE AND WEARING COMFORT**  
STIHL cut protection clothing can even be washed at 60°C and spun at 400 revolutions per minute (max.), making it possible to remove oil and resin more successfully. The materials used dry quickly and their elastic fibres mean they are very comfortable to wear. OEKO-TEX® Standard 100 certification confirms that the materials are kind to skin.
- 04 AN EXTENSIVE SIZING RANGE FROM STIHL**  
Trousers are also available in short and long sizes and made to measure. There are comfortable and form-fitting cuts available to choose from. Our ADVANCE model series outfits are also perfect for women.

## SAFETY

- 05 CUT PROTECTION AND HIGH-VISIBILITY COLOURS**  
Exclusively developed cut protection inserts offer good protection, even in very lightweight clothing. They are monitored by means of extensive internal specifications and regular testing by the most stringent European certifying institutions. Standards are further reinforced through close coordination with our long-standing suppliers and regular on-site audits. The use of large areas of fluorescent orange material and reflective elements ensure that you are always visible, even in poor lighting conditions. The outer fabrics provide a very high level of UV protection.



### CUT PROTECTION CLASSES ACCORDING TO EN ISO 11393

CUT PROTECTION CLASS / CLASS	0 (± 16 m/s <sup>⓪</sup> )	1 (± 20 m/s <sup>⓪</sup> )	2 (± 24 m/s <sup>⓪</sup> )	3 (± 28 m/s <sup>⓪</sup> )
Cut protection trousers and chaps (depending on model)	-	•	•	-
Leather cut protection boots (depending on the model)	-	•	•	-
Rubber cut protection boots (depending on the model)	-	-	-	•
Cut protection jacket (depending on the model)	-	•	-	-
Cut protection gloves (depending on the model)	•	•	-	-



### NOTE

No personal protective equipment can provide absolute protection from injury. Nor is it a substitute for safe working practices. It is therefore essential to follow the safety instructions in the user manuals for both personal protective equipment and power tools, as well as any applicable accident prevention guidelines.

The KWF recommends cut protection class 1 for forestry work performed by trained persons. This also includes those who collect firewood themselves having successfully completed a chainsaw operator course.⓪

Please note that not all products are equipped with the features presented here. Only the most important features are described on this page. For further explanations and information, see from page 482 and online at [stihl.com](http://stihl.com).

⓪ Chain speeds in test conditions cannot be applied exactly in practice. (The maximum chain speed of a chainsaw cannot be used as a basis here.)  
 ⓹ Additional explanations relating to cut protection areas for cut protection clothing are available on page 488



## WORK CLOTHING FOR WEARING WHEN USING A CHAINSAW

- For professional applications in the forest and tree maintenance
- For working in the forest and on plots as well as for licensed harvesting of firewood
- Verified protection
- Comfortable to wear thanks to innovative materials and meticulous workmanship



## FUNCTION SERIES

The FUNCTION series forestry protective clothing has been specially developed for entry-level work with a chainsaw as well as occasional use. It offers verified cut protection and various practical solutions such as various pockets and comfortable ventilation openings.



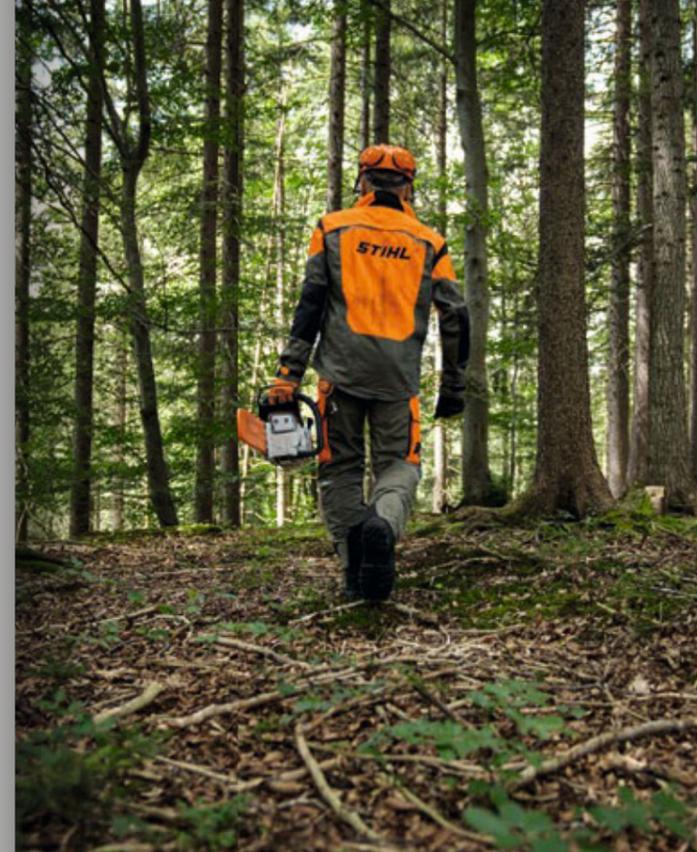
### FUNCTION UNIVERSAL JACKET



Features large areas of high-visibility orange for improved safety, breathable material that is very comfortable to wear, available in anthracite, black and high-visibility orange. Two side pockets and a zip pocket at chest height to enable a smartphone or first-aid kit to be stored safely. Freedom of movement at the shoulders and back, robust material on the shoulders and elbows. Ventilation inserts, large STIHL logo on the back.

Sizes **S-XXL**  
Order number **0088 335 07..**

.. The final number based on your size can be found in the physical dimensions table on page 442



### FUNCTION ERGO JACKET



Made of hard-wearing material for lasting durability. Modern and attractive design. Olive green, high-visibility orange and black, elasticated inserts, with ventilation panels, first aid pocket, two zipped breast pockets, reinforced elbows, reflective strips and large areas of high-visibility colour, large STIHL logo on the back.

Sizes **XS-XXL**  
Order number **0088 335 06..**



### FUNCTION UNIVERSAL TROUSERS/OVERALLS



Breathable material that is very comfortable to wear, available in anthracite, black and high-visibility orange. Freedom of movement in the seat and crotch, kidney protection, thorn protection on both the front and rear part of the leg area. Ventilation material on the back of the thighs.

 **Trousers, cut protection class 1, design A (EN ISO 11393)**  
Sizes **XS-3XL, S-6-XL-6, M+6-XL+6**  
Order number **0088 342 15..**

 **Overalls, cut protection class 1, design A (EN ISO 11393)**  
Sizes **XS-3XL, S-6-XXL-6**  
Order number **0088 388 06..**

① Also available made-to-measure, order number: ..99  
② For explanation of quality marks, see page 491



### FUNCTION ERGO TROUSERS/OVERALLS



Made of hard-wearing material for lasting durability. Modern and attractive design. Olive-green, high-visibility orange and black, elasticated inserts, ventilation zips, reinforced knees, reflective strips for good visibility, versatile pockets, two zipped front slit pockets.

 **Trousers, cut protection class 1, design A (EN ISO 11393)**  
Sizes **XS-3XL, M-6-XL-6, M+6-XL+6**  
Order number **0088 342 10..**①

 **Overalls, cut protection class 1, design A (EN ISO 11393)**  
Sizes **S-3XL, M-6-XL-6, M+6-XL+6**  
Order number **0088 388 04..**①



## DYNAMIC SERIES

The DYNAMIC forestry protective clothing range offers professional users a long service life and full ease of movement. This is made possible by the combination of tear-resistant materials, certified cut protection and elasticated inserts.



PERFECTLY SUITED TO SUMMER USE



### DYNAMIC VENT JACKET



Very light, breathable jacket for the summer. Orange, black and khaki colour, ventilation openings, stretch inserts, reinforced elbows, reflective areas, four zip pockets, inner smartphone pocket, large STIHL logo on the back.

Sizes **XS - XXL**  
Order number **0088 335 05..**

PERFECTLY SUITED TO SUMMER USE



### DYNAMIC VENT TROUSERS



Very light, breathable trousers for the summer. Orange, black and khaki, zipped ventilation openings on the back of the thighs, elasticated trouser back, reflective areas, stretch inserts, reinforced knees, two front zipped slit pockets, phone pocket with zip on the thigh, thorn and water protection in the lower leg area

**Trousers, cut protection class 1, design A (EN ISO 11393)**  
Sizes **XS - XXL, M-6 - XL-6**  
Order number **0088 342 22..**<sup>①</sup>

### DYNAMIC JACKET



With large areas of high-visibility orange. Anthracite and high-visibility orange, soft-shell inner collar, comfortable stretch insert on the back, reinforced and preformed elbows, elasticated cuffs, good breathability with ventilation zips under the arms, four practical pockets.

Sizes **XS - 3XL**  
Order number **0088 335 09..**<sup>①</sup>



### DYNAMIC TROUSERS / OVERALLS



Beaver Extreme makes the front exceptionally hard-wearing and resistant. Anthracite and high-visibility orange, preformed and double-reinforced knees, breathable and thorn-resistant material.

**Trousers, cut protection class 1, design A (EN ISO 11393)**  
Sizes **S - XXL**  
Order number **0088 342 24..**

**Trousers, cut protection class 2, design A (EN ISO 11393)**  
Sizes **XS - 3XL**  
Order number **0088 342 17..**

**Overalls, cut protection class 1, design A (EN ISO 11393)**  
Sizes **XS - 3XL, M-6 - XL-6, M+6 - XL+6**  
Order number **0088 388 11..**<sup>①</sup>

**Overalls, cut protection class 1, design C (EN ISO 11393)**  
Sizes **S - 3XL**  
Order number **0088 388 10..**<sup>①</sup>



.. The final number based on your size can be found in the physical dimensions table on page 442

① Also available made-to-measure, order number: ..99  
② For explanation of quality marks, see page 491



## ADVANCE SERIES

Forestry protective clothing in the ADVANCE series with verified cut protection is made from particularly lightweight high-tech fibres, which ensure low weight, good breathability, and outstanding protection against wet and cold. Practical ventilation openings and clever pocket solutions offer additional comfort. Trousers and jackets in the ADVANCE series can be flexibly combined with one another.



i

### ADVANCE SERIES - IDEAL FOR MEN AND WOMEN

The ADVANCE series impresses not only with clever details, designs and functions but is also suitable for both men and women. Thanks to the high proportion of elastic materials, especially in ADVANCE X-Flex and ADVANCE X-TREEm trousers, these fit a variety of body shapes perfectly while still ensuring maximum freedom of movement. Developed specially for STIHL, AVERTIC™ pro lite cut protection material is not just particularly breathable, but also ultra-light, making garments in this fabric very comfortable to wear. Many of the jackets and trousers in the ADVANCE series are available in a wide range of sizes, ensuring that all women can find the forestry protective clothing that suits them best. And if you still can't find your perfect fit, many of our trousers and overalls are also available made-to-measure.

Slim fit, highly elasticated materials, and ultra-light cut protection make our ADVANCE X-TREEm range of forestry clothing especially suitable for women. ▶

PERFECTLY SUITED  
TO SUMMER USE



### ADVANCE X-VENT JACKET



Light and highly breathable protective jacket, especially suited for summer temperatures or intense physical activity. High-visibility orange and black, silver mesh lining to the back, under arms and pockets for optimal ventilation, water- and dirt-resistant, large areas of high-visibility orange, reflective areas, one back pocket, sleeve pocket and inside pocket and two breast pockets, abrasion protection on the shoulders, large STIHL logo on the back.

Sizes **S - XXL**  
Order number **0088 335 10..**

ESPECIALLY LIGHT  
FOR SUMMER USE



### ADVANCE X-LIGHT TROUSERS / OVERALLS



Made from ultra-light, extremely breathable AVERTIC™ pro lite cut protection material, developed exclusively for STIHL. This six-layer material is approximately 20% lighter than the previous six-layer cut protection inserts version. Black, specialised ventilation fabric on the back of the leg makes this clothing perfect for hot days, fully elasticated crotch with ProElast, closable pockets, long zip makes the overalls easy to put on and take off, reflective areas for better visibility.

**Trousers, cut protection class 1, design A (EN ISO 11393)**  
Sizes **S - 3XL, S-6 - XL-6**  
Order number **0088 342 14..** ①

**Overalls, cut protection class 1, design A (EN ISO 11393)**  
Sizes **S - 3XL**  
Order number **0088 388 05..** ①

.. The final number based on your size can be found in the physical dimensions table on page 442

① Also available made-to-measure, order number: ..99  
② For explanation of quality marks, see page 491

PERFECT FOR  
AUTUMN/WINTER USE



### ADVANCE X-SHELL JACKETS

Highly elastic, fast-drying and warm. Black areas are water-resistant and breathable, coloured zones are waterproof and breathable. Breast pocket, inner pocket and abrasion protection on the shoulders. Peat, with two side pockets. Perfect in combination with MultiProtect HS and Protect FS protective trousers. High-visibility orange: with sleeve pocket, reflective piping and large STIHL logo on the back.



**High-visibility orange/black**  
Sizes **XS - XXL**  
Order number **0088 335 12..**



**Peat/black**  
Sizes **S - XXL**  
Order number **0088 335 11..**

PARTICULARLY ROBUST  
AND FLEXIBLE



### ADVANCE X-FLEX TROUSERS



Made from ultra-light, extremely breathable AVERTIC™ pro lite cut protection material, developed exclusively for STIHL. This six-layer material is approximately 20% lighter than the previous six-layer cut protection inserts version. Black and high-visibility orange, special crotch construction for ease of movement, extraordinarily hard-wearing outer fabric, elastic and breathable, elasticated and waterproof knee protection, thorn and water protection in the lower leg area, dirt-resistant, long ventilation zips on the back of the legs.

**Trousers, cut protection class 1, design A (EN ISO 11393)**  
Sizes **XS - 3XL, S-6 - XL-6**  
Order number **0088 342 12..** ①

## THE PERFECT COMBINATION FOR ANY SITUATION

The ADVANCE product range offers a harmonious system of jackets and trousers. The designs and functions it offers are flexible and can be easily combined. Weather conditions and type of application are key when choosing clothing. The ADVANCE X-TREEm suit best displays its strengths when used together as a single unit, as it is designed for the specific requirements faced in tree maintenance.

### ADVANCE X-SHELL



Fast-drying and insulating materials for use on cold days



### ADVANCE X-VENT



Highly breathable materials for a comfortable temperature in hotter weather.



### ADVANCE X-TREEm

Extraordinarily comfortable to wear, with functional details developed specially for tree maintenance



### ADVANCE X-TREEm JACKET



Includes many useful details: highly elastic ProElast material inserts for superb ease of movement and breathability. Available in black and high-visibility orange with reflective elements. Removable sleeves, spacer material on the shoulders and adjustable ventilation openings for comfortable regulation of body temperature. Ceramic dots on the elbows offer abrasion protection. Outer shoulder zone has dot grip abrasion protection. Large areas of high-visibility orange for excellent visibility. Two chest pockets, one inside pocket and one sleeve pocket.

Sizes **XS - XXL**  
Order number **0088 335 08..**



### ADVANCE X-TREE TROUSERS m



With an extremely high level of comfort in cut protection trousers: highly elastic ProElast reduces fatigue. Perfect for climbing and professional use under extreme conditions. Available in black and high-visibility orange with reflective elements. Soft and quick-drying inner lining. Hard-wearing, dirt- and water-resistant materials on the front of the leg and seat area make these trousers ideal for forestry work. Highly breathable gaiters that can be attached to shoes offer protection from ticks. Ceramic-coated trimmings provide abrasion protection. Lightweight and highly breathable AVERTIC™ pro lite cut protection material. Flat pockets with zips on the hip, seat and thigh areas. Ventilation openings with zips to regulate body temperature. Braces are included.

**Trousers, cut protection class 1, design A (EN ISO 11393)**  
Sizes **XS - 3XL**  
Order number **0088 342 16..**<sup>ⓐ</sup>



### ADVANCE X-FLEX



Elasticated protective components for greater ease of movement and robust thorn protection



### ADVANCE X-LIGHT



Ultra-light cut protection trousers for particularly comfortable wear

.. The final number based on your size can be found in the physical dimensions table on page 442

ⓐ Also available made-to-measure, order number: ..99  
ⓑ For explanation of quality marks, see page 491



IDEAL FOR OCCASIONAL USE



### CHAPS 270° FRONT LEG PROTECTION

Outer fabric: 65% polyester, 35% cotton  
Lining: 100% polyester



For occasional chainsaw use – simply pull on over your work trousers, do them up and get going. Available in anthracite and high-visibility orange with a denim look. More comfort thanks to elastic belts, lightweight and breathable, reflective STIHL logo on the right side, extended cut protection area.

**AA** Cut protection class 1, design B (EN ISO 11393)

Length	85 cm <sup>①</sup>	Length	100 cm <sup>①</sup>
Order number	0088 521 0301	Order number	0088 521 0304
Length	90 cm <sup>①</sup>	Length	105 cm <sup>①</sup>
Order number	0088 521 0302	Order number	0088 521 0305
Length	95 cm <sup>①</sup>		
Order number	0088 521 0303		

IDEAL FOR OCCASIONAL USE



### 360° CHAPS ALL-ROUND LEG PROTECTION

Reinforcements: 65% polyester, 35% cotton;  
Outer fabric and lining: 100% polyester



For occasional chainsaw use or where there are multiple users. Ventilation material on the back of the thighs, zip that closes at the top, and smooth lining to make the chaps quick to put on and close. In anthracite.

**AA** Cut protection class 1, design C (EN ISO 11393)

Sizes / length	XS - M, 90 cm <sup>①</sup>	Sizes / length	L - XXL, 100 cm <sup>①</sup>
Order number	0088 508 0100	Order number	0088 508 0101

IDEAL FOR OCCASIONAL USE



### 360° PROTECT MS ALL-ROUND LEG PROTECTION

Reinforcements: 85% polyester, 15% cotton  
Outer fabric and lining: 100% polyester



For occasional chainsaw use or where there are multiple users. Ventilation material on the back of the thigh, zip that closes at the top and smooth lining to make the chaps quick to put on and close, preformed knees for more comfortable wear. High-visibility orange.

**AA** Cut protection class 1, design C (or EN ISO 11393)  
High-visibility class 2 (EN ISO 20471)

Size, length	XS - M, 90 cm <sup>①</sup>	Size, length	L - XXL, 100 cm <sup>①</sup>
Order number	0088 508 0000	Order number	0088 508 0001

ALSO IDEAL FOR GARDENING



### X-CLIMB CLIMBING TROUSERS

Outer fabric: 89% polyester, 11% elastane  
Lining: 100% polyester

Hard-wearing climbing trousers without cut protection. Peat colour, highly elastic and breathable, waterproof at the knee, thorn- and water-protected lower leg area, dirt-resistant, ventilation openings with zips at the back, kidney protection, hooks to attach to shoelaces, closable pockets, reflective details.

## NEW - FUNCTION MS KIT



**FUNCTION SLIM SAFETY GLASSES**  
(Lens colour: clear)

**FUNCTION SENSOTOUCH GLOVES**  
(Sizes L = 10)



**TIMBERSPORTS® EDITION EAR PROTECTORS**  
(SNR 28, (H: 35; M: 24; L: 17))

**CHAPS 270°**  
(Waist: 75 - 112 cm  
Length: 95 cm  
Cut protection class 1,  
design B, EN ISO 11393)



Basic equipment<sup>①</sup> for simple domestic chainsaw work, e.g. cutting firewood. Easily pulls over any trousers with no need to remove shoes. One size fits all - ideal for multiple users in one household. See leaflet for boot recommendations

Order number 0000 885 9000



### PROTECT MS ARM GUARD

100% polyester



All-round arm protection for working with chainsaws. High-visibility orange. Very comfortable to wear, breathable due to inserts made from special ventilation material. Comfortable waistband, integrated thumbhole for a more secure fit. Delivery unit: 1 pair.

Cut protection class 1  
(based on EN ISO 11393)<sup>②</sup>  
Order number 0088 544 0010



### FS BRACES

82% polyester, 18% elastodiene (natural rubber), loops and back section: leather

Elasticated braces with elasticated Velcro, prevents chafing from the harness, suitable for all sizes. Orange.

Length 110 cm  
Width 5 cm  
Order number 0000 884 1593



### FS LEG PROTECTION

65% polyester, 35% cotton

Black. Breathable shin and knee protection. To protect against whirled-up particles during extreme work with clearing saws. For insertion into the interior leg pocket.

Length 50 cm  
Order number 0000 885 1801

① The final number based on your size can be found in the physical dimensions table on page 442

② Measured from waistband to trouser hem

③ Fulfills the basic health and safety requirements in accordance with Regulation (EU) 2016 / 425

④ Depending on the intended purpose, additional personal protective equipment may be needed



		Order number	Sizes (99 = made-to-measure)	Colour	Cut protection design / cut protection class	Number of layers	Approx. weight (kg) for size M	Cut protection developed exclusively for STIHL	Elastic waistband	Ventilation openings / ventilation zips / special ventilation material	Buttons for braces <sup>①</sup> / loops for braces	Slim fit / regular fit	Elastic outer fabric / elastic inserts / inserts made of ProElast	Durability of outer fabric	Resistance to dirt and water	Breathability	Low temperature protection	UV protection factor EN 13758-2 / UV standard 801	Quality mark <sup>②</sup>	Material	
<b>FUNCTION SERIES</b>																					
	<b>FUNCTION UNIVERSAL JACKET</b>	0088 335 07..	S - XXL	● ● ●	-	-	0.6	-	-	-/-/●	-/-										
	<b>FUNCTION UNIVERSAL TROUSERS</b>	0088 342 15..	XS - 3XL, S-6 - XL-6, M+6 - XL+6	● ● ●	A/1	9	1.25	-	●	-/-/●	●/-	-/●	●/-/-	++	-	++	+	-/60		Anthracite, high-visibility orange: 100 % polyester Black: 65 % polyester, 35 % cotton Lining: 100 % polyester	
	<b>FUNCTION UNIVERSAL OVERALLS</b>	0088 388 06..	XS - 3XL, S-6 - XXL-6	● ● ●	A/1	9	1.3	-	●	-/-/●	-/-										
	<b>FUNCTION ERGO JACKET</b>	0088 335 06..	XS - XXL	● ● ●	-	-	0.7	-	-	-/-/●	-/-										
	<b>FUNCTION ERGO TROUSERS</b>	0088 342 10..	XS - 3XL, M-6 - XL-6, M+6 - XL+6, 99	● ● ●	A/1	8	1.4	●	●	-/●/-	●/-	-/●	-/●/-	++	-	++	+	-/60		Outer fabric: 65 % polyester, 35 % cotton High-visibility orange: 70 % polyester, 30 % cotton Lining: 100 % polyester	
	<b>FUNCTION ERGO OVERALLS</b>	0088 388 04..	S - 3XL, M-6 - XL-6, M+6 - XL + 6, 99	● ● ●	A/1	8	1.5	●	●	-/●/-	-/-										
<b>DYNAMIC SERIES</b>																					
	<b>DYNAMIC VENT JACKET</b>	0088 335 05..	XS - XXL	● ● ●	-	-	0.6	-	-	●/-/-	-/-										
	<b>DYNAMIC VENT TROUSERS</b>	0088 342 22..	XS - XXL, M-6 - XL-6, 99	● ● ●	A/1	7	1.1	●	●	-/●/-	●/-	-/●	-/●/-	++	+	+++	-	-/40		Outer fabric 1: 100 % polyester High-visibility orange: 70 % polyester, 30 % cotton Outer fabric 2: 93 % polyamide, 7 % polyurethane Lining: 100 % polyester	
	<b>DYNAMIC JACKET</b>	0088 335 09..	XS - 3XL, 99	● ●	-	-	0.7	-	-	-/●/-	-/-										
	<b>DYNAMIC TROUSERS</b>	0088 342 24..	S - XXL	● ●	A/1	7	1.4	-	●	-/●/-	●/-										
	<b>DYNAMIC TROUSERS</b>	0088 342 17..	XS - 3XL	● ●	A/2	8	1.5	-	●	-/-/-	●/-	-/●	-/●/-	+++	++	++	++	-/80		Outer fabric 1: 50 % polyamide, 50 % cotton High-visibility orange: 70 % polyester, 30 % cotton Outer fabric 2: 93 % polyamide, 7 % polyurethane Lining: 100 % polyester	
	<b>DYNAMIC OVERALLS</b>	0088 388 11..	XS - 3XL, M-6 - XL-6, M+6 - XL+6, 99	● ●	A/1	7	1.5	-	-	-/-/-	●/-										
<b>DYNAMIC OVERALLS</b>	0088 388 10..	S - 3XL, 99	● ●	C/1	9	1.9	-	-	-/-/-	●/-											
<b>ADVANCE SERIES</b>																					
	<b>ADVANCE X-VENT JACKET</b>	0088 335 10..	S - XXL	● ●	-	-	0.45	-	-	-/-/●	-/-	●/-	●/-/-	++	+	+++	-	40+/-		<b>ADVANCE X-VENT</b> Outer fabric: 100 % polyester	
	<b>ADVANCE X-SHELL JACKETS</b>	0088 335 12..	XS - XXL	● ●	-	-	0.7	-	-	-/-/-	-/-	●/-	●/-/-	+++	+++	++	+++	40+/-		<b>ADVANCE X-SHELL</b> Outer fabric: 100 % polyester Membrane: polyurethane	
	<b>ADVANCE X-SHELL JACKETS</b>	0088 335 11..	S - XXL	● ●	-	-															
	<b>ADVANCE X-LIGHT TROUSERS</b>	0088 342 14..	S - 3XL, S-6 - XL-6, 99	●	A/1	6	0.99	●	●	-/-/●	●/-	●/-	●/-/● <sup>③</sup>	+	++	+++	-	40+/-		<b>ADVANCE X-LIGHT</b> Outer fabric: 75 % polyester 20 % polyamide, 5 % polyurethane Lining: 100 % polyester	
	<b>ADVANCE X-LIGHT OVERALLS</b>	0088 388 05..	S - 3XL, 99	●	A/1	6	1.2	●	●	-/-/●	-/-	●/-	●/-/● <sup>③</sup>	+	++	+++	-	40+/-		<b>ADVANCE X-LIGHT</b> Outer fabric: 75 % polyester 20 % polyamide, 5 % polyurethane Lining: 100 % polyester	
	<b>ADVANCE X-FLEX TROUSERS</b>	0088 342 12..	XS - 3XL, S-6 - XL-6, 99	● ●	A/1	6	1.3	●	●	-/●/-	●/-	●/-	●/-/● <sup>③</sup>	+++	+++	+++	-	40+/-		<b>ADVANCE X-FLEX</b> Outer fabric: 89 % polyester, 11 % elastane Lining: 100 % polyester	
	<b>ADVANCE X-TREE<sub>m</sub> JACKET</b>	0088 335 08..	XS - XXL	● ●	-	-	0.65	-	-	-/●/-	-/-										
	<b>ADVANCE X-TREE TROUSERS<sub>m</sub></b>	0088 342 16..	XS - 3XL, 99	● ●	A/1	6	1.2	●	●	-/●/-	-/●	●/-	●/-/●	++	+++	+++	+	40+/-		<b>ADVANCE X-TREE<sub>m</sub></b> Outer fabric: 80 % polyester, 15 % polyamide, 4 % elastane, 1 % ceramic Lining: 66 % polypropylene, 34 % polyester	

● Available    + Good    .. The final number based on your size can be found in the physical dimensions table on page 442    ① Please use braces with clips for models without buttons  
 - Not available    ++ Very good    ② Only in the crotch  
 +++ Excellent    ③ For explanation of quality marks, see page 491



## WORK CLOTHING FOR WEARING WHEN USING POWER TOOLS

- For optimum protection when maintaining green areas
- Great user comfort
- High-quality design packed with extra features



### PROTECT FS CLEARING SAW PROTECTIVE TROUSERS

Outer fabric: 65% polyester, 35% cotton,  
Lining: 100% polyester

With breathable impact protection. Green, long ventilation openings at the rear, loops for FS braces, many practical pockets. Also available in high-visibility orange. See Protect FS, high-visibility orange on page 437.

Sizes XS - 3XL  
Order number 0088 458 00..

COMBINES VERY WELL WITH THE ADVANCE X-SHELL PEAT JACKET



### TRIPROTECT FS CLEARING SAW PROTECTIVE TROUSERS

Outer fabric: 65% recycled polyester, 35% organic cotton,  
Lining: 100% polyester

Triple-function trousers: impact protection, and thorn and water resistance. Peat colour, excellent breathability, ventilation zips on the back of the thighs, two hip pockets with zips, back pocket and tape measure pocket on the right, thigh pocket with integrated phone pocket on the left.

Sizes XS - 3XL  
Order number 0088 458 01..

Compatible accessories: FS braces FS shin guard

COMBINES VERY WELL WITH THE ADVANCE X-SHELL PEAT JACKET



### MULTIPROTECT HS PROTECTIVE TROUSERS FOR HEDGE TRIMMING

Outer fabric: 65% polyester, 35% cotton,  
Lining: 100% polyester

Ideal for hedge trimming work. Peat, stretch material ensures superb freedom of movement, waterproof knee and hem areas, washed-out effect outer fabric, long ventilation zips on the back, trouser legs can be zipped off to 3/4-length trousers, kidney protection. When combined with HS 2-in-1 leg protection (inserted), the trousers also offer highly effective protection against cutting and pinching injuries from hedge trimmers.

Sizes XS - 3XL  
Order number 0088 459 01..

Compatible accessories: FS braces HS 2-in-1 leg protection FS shin guard

COMBINES VERY WELL WITH THE ADVANCE X-SHELL PEAT JACKET



### X-CLIMB CLIMBING TROUSERS

Outer fabric: 89% polyester, 11% elastane  
Lining: 100% polyester

Hard-wearing climbing trousers without cut protection. Peat colour, highly elastic and breathable, waterproof at the knee, thorn- and water-protected lower leg area, dirt-resistant, ventilation openings with zips at the back, kidney protection, hooks to attach to shoelaces, closable pockets, reflective details.

Sizes XS - XXL  
Order number 0088 494 00..

Compatible accessories: FS braces FS shin guard



### FS BRACES

82% polyester, 18% elastodiene (natural rubber), loops and back section: leather

Orange, elasticated braces with elasticated Velcro, prevents chafing from the harness, suitable for all sizes.

Length 110 cm Width 5 cm Order number 0000 884 1593



### FS LEG PROTECTION

65% polyester, 35% cotton

Black. Breathable shin and knee protection. To protect against whirled-up particles during extreme work with clearing saws. For insertion into the interior leg pocket.

Length 50 cm Order number 0000 885 1801



### HS 2-IN-1 LEG PROTECTION

100% polyester

Black. Highly effective protection against cutting and pinching injuries from hedge trimmers. Must only be used in conjunction with MultiProtect HS protective trousers for hedge trimming.

Length 65 cm Order number 0000 885 2200

.. The final number based on your size can be found in the physical dimensions table on page 442

PERFECTLY SUITED TO SUMMER USE



### VENT HIGH-VISIBILITY JACKET

Outer fabric: 100 % polyester



Lightweight, elastic and breathable high-visibility jacket for summer temperatures and intense physical activity. High-visibility orange made of Mag Cool functional material, black with light thorn and abrasion protection, two breast pockets, elasticated waist for a good fit, reflective strips for good visibility.

High-visibility class 2 (EN ISO 20471)

Sizes XS - 3XL

Order number 0088 326 01..



### PROTECT FS CLEARING SAW AND HIGH-VISIBILITY TROUSERS

Outer fabric: 70 % polyester, 30 % cotton,  
Lining: 100 % polyester

For working on train tracks and streets. High-visibility orange, hard-wearing outer fabric, breathable impact protection, reflective strips and long ventilation openings at the rear, loops for FS braces. The FS additional leg protection for extreme work conditions can be inserted inside the leg pockets.

Trousers, high-visibility class 2 (EN ISO 20471)

Sizes XS - XXL

Order number 0088 534 00..

Compatible accessories: FS braces FS leg protection

(Page 408 - 409)

### BRACES

82 % polyester, 18 % elastodiene (natural rubber), loops and back section:  
leather

Orange. With buttons.

Length 120 cm Width 4 cm  
Order number 0000 884 1511

82 % polyester, 18 % elastodiene (natural rubber)

Orange. With metal clips with  
plastic inlay.Length 110 cm Width 4 cm  
Order number 0000 884 1510Length 130 cm Width 4 cm  
Order number 0000 884 1512

82 % polyester, 18 % elastodiene (natural rubber), loops: leather

Black. With buttons.

Length 110 cm Width 5 cm  
Order number 0000 884 1579

82 % polyester, 18 % elastodiene (natural rubber)

Black. With metal clips without  
plastic inlay, for an even better  
hold.Length 130 cm Width 5 cm  
Order number 0000 884 1576

## HIGH-VISIBILITY CLOTHING

- High-visibility cut protection jackets for chainsaw work above belt height
- High-visibility clothing for good visibility when working on roads or train tracks, or in poor weather conditions
- High-visibility clothing for optimal protection in any weather
- High-visibility clothing for working with clearing saws or chainsaws



.. The final number based on your size can be found in the physical dimensions table on page 442





**PROTECT MS CUT PROTECTION AND HIGH-VISIBILITY JACKET**

Outer fabric and lining: 100 % polyester



Lightweight and breathable protective jacket with good freedom of movement. Colour: high-visibility orange, high-visibility yellow, and black. Thorn-protected areas on the elbows and shoulders. Ventilation material on the arms. Two chest pockets with zip closure, outlet opening for harness on the back with breathable ADVANCE cut protection in the chest, shoulder, arm and stomach area.

**Cut protection class 1, design B (or EN ISO 11393)**  
High-visibility class 2 (EN ISO 20471)

Sizes XS - 3XL  
Order number 0088 326 04..<sup>ⓐ</sup>

IDEAL FOR OCCASIONAL USE



**360° PROTECT MS ALL-ROUND LEG PROTECTION**

Reinforcements: 85 % polyester, 15 % cotton,  
Outer fabric and lining: 100 % polyester



For occasional chainsaw use or where there are multiple users. Ventilation material on the back of the thigh, zip that closes at the top and smooth lining to make the chaps quick to put on and close, preformed knees for more comfortable wear. High-visibility orange.

**Cut protection class 1, design C (or EN ISO 11393)**  
High-visibility class 2 (EN ISO 20471)

Size, length XS - M, 90 cm<sup>ⓑ</sup>      Size, length L - XXL, 100 cm<sup>ⓑ</sup>  
Order number 0088 508 0000      Order number 0088 508 0001

.. The final number based on your size can be found in the physical dimensions table on page 442

<sup>ⓐ</sup> Also available made-to-measure, order number: ..99  
<sup>ⓑ</sup> Measured from waistband to trouser hem  
<sup>ⓒ</sup> For explanation of quality marks, see page 491



**PROTECT MS CUT PROTECTION AND HIGH-VISIBILITY TROUSERS**

Outer fabric and lining: 100 % polyester,  
Robust material: 65 % polyester and 35 % cotton



Sturdy protective trousers made from a functional fabric blend. Colour: high-visibility orange, high-visibility yellow, and black. Ventilation material on the back of the thigh, sturdy material at the knee and lower leg. Two side pockets, one back pocket, one tape measure pocket, kidney protection, buttonable bib with bib pocket and cut high at the rear to protect against hypothermia.

**Trousers, cut protection class 1, design A (EN ISO 11393)**  
high-visibility class 2 (EN ISO 20471)

Sizes S - 3XL, S-6 - XL-6, S+6 - XL+6  
Order number 0088 399 01..<sup>ⓐ</sup>

**COMPATIBLE ACCESSORIES: BIB**

Outer fabric and lining: 100 % polyester

Buttonable bib with chest pocket and pulled-up kidney protection for Protect MS trousers. Colour: high-visibility orange, high-visibility yellow, and black.



Universal size  
Order number 0088 522 0010



**PROFESSIONAL TIP**

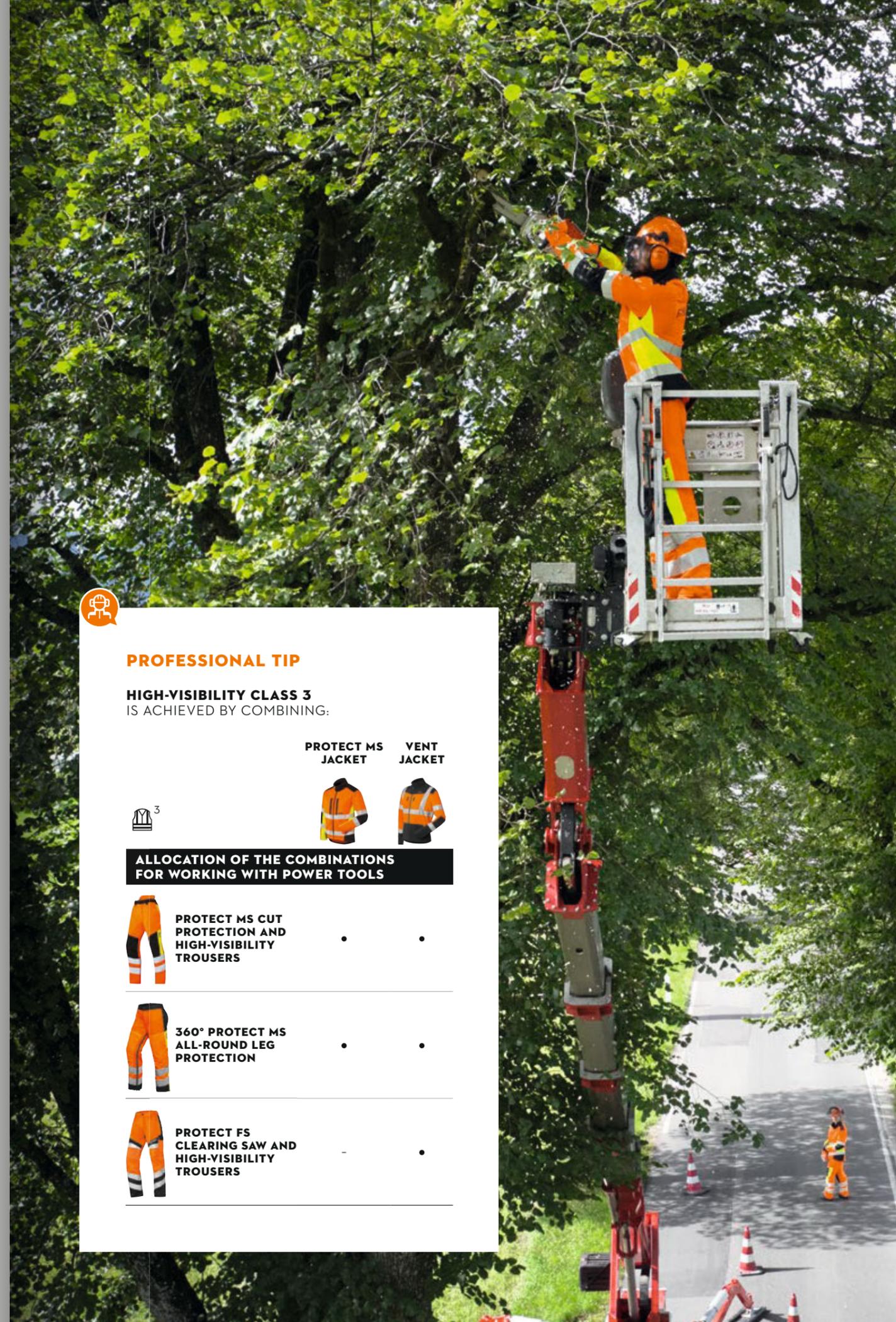
**HIGH-VISIBILITY CLASS 3** IS ACHIEVED BY COMBINING:

**PROTECT MS JACKET**      **VENT JACKET**



**ALLOCATION OF THE COMBINATIONS FOR WORKING WITH POWER TOOLS**

	<b>PROTECT MS CUT PROTECTION AND HIGH-VISIBILITY TROUSERS</b>	•	•
	<b>360° PROTECT MS ALL-ROUND LEG PROTECTION</b>	•	•
	<b>PROTECT FS CLEARING SAW AND HIGH-VISIBILITY TROUSERS</b>	-	•



# WEATHERPROOF CLOTHING AND FUNCTIONAL CLOTHING

- Breathable, functional clothing, ideal for physically demanding work
- Protection against rain, wind and snow
- Wicks moisture from the inside to the outside

## RAINTEC WEATHERPROOF CLOTHING

 With welded seams and water-repellent zips. Black and high-visibility orange, reflective piping, EN 343 class 3 for breathability: RET ≤ 25 m<sup>2</sup> PA/W, water column: ≥ 1,325 mm.



## DUROFLEX WEATHERPROOF JACKET

 Made from waterproof, elastic and durable material. High-visibility orange. Predominantly in high-visibility orange. Water column: ≥ 2,000 mm.



GOES WELL WITH RAINTEC WEATHERPROOF TROUSERS



### Jacket

Outer fabric: 75% polyester, 25% polyurethane, membrane: 100% polyurethane, lining: 100% polyester

Long ventilation openings under the arms, large areas of high-visibility orange, large, reflective STIHL logo on the back, adjustable soft-shell collar, foldaway hood with brim.

Sizes **S-XXL**  
Order number **0088 554 01..**

### Trousers

Outer fabric: 70% polyester, 30% polyamide, membrane: 100% polyurethane

Ventilation zips on the thighs, side zip makes the trousers easier to put on, ventilation openings at the hip provide access to work trousers, proven thorn-resistance with ACTION ARCTIC material in vulnerable areas, practical thigh pocket.

Sizes **S-XXL**  
Order number **0088 352 00..**

Outer fabric: 100% polyester, coating: 100% polyurethane

Breathable due to ventilation openings on the sleeve, as well as on the front and rear sections. Hood that can be stored in the collar.

Sizes **S-XXL**  
Order number **0088 554 02..**



## DYNAMIC FLEECE JACKET

Outer fabric: 97% polyester, 3% polyamide

 Soft, high-stretch microfleece jacket. High-visibility orange with black, breathable and quick-drying, perfect as an intermediate layer, light thorn and abrasion protection, breast pocket with zip, thumb loops, reflective chainsaw motif.

Sizes **S-XXL**  
Order number **0088 353 00..**



## DYNAMIC MAG COOL FUNCTIONAL T-SHIRT

Outer fabric: 100% polyester

 With chainsaw graphic print. Extremely functional, wicks moisture away from the body, breathable, quick-drying, odour-neutral.

Black, graphic in silver  
Sizes **S-XXL**  
Order number **0088 302 00..**

 High-visibility orange, graphic in black  
Sizes **S-XXL**  
Order number **0088 302 01..**

## ADVANCE FUNCTIONAL CLOTHING

Outer fabric: 60% polyester, 34% polyamide, 6% elastane

Ideal body temperature regulation, fast-drying because moisture is drawn away from the body, seamlessly woven functional zones and anti-odour, anti-bacterial properties thanks to silver ions<sup>Ⓛ</sup>. The close-fitting design prevents ticks from getting inside. With knitted chainsaw motif. UV protection, EN 13758-1: 50+.



## Short-sleeved functional shirt

 With round neck.

Sizes **S-XXL**  
Order number **0088 585 00..**



## Long-sleeved functional shirt

 With zip closure and thumb loop.

Sizes **S-XXL**  
Order number **0000 888 60..**



## Functional trousers, long

 Thermal functional zones on the backs of the legs and the seat.

Sizes **S-XXL**  
Order number **0000 888 59..**



.. The final number based on your size can be found in the physical dimensions table on page 442

Ⓛ Biocidal product  
Ⓜ For explanation of quality marks, see page 491



**INTERNATIONAL NORMAL SIZES**

**CHAPS 270°**



Size (order number)	..01	..02	..03	..04	..05
Length from waist to sole in cm <b>1</b>	85	90	95	100	105
Waist circumference in cm <b>3</b>	65 - 92	70 - 102	75 - 112	81 - 124	87 - 135
Jeans size in inch waist / approx. length	25 - 36 / 33	27 - 40 / 35	29 - 44 / 37	31 - 49 / 39	34 - 53 / 41

**INTERNATIONAL NORMAL SIZES**

**CHAPS 360° / PROTECT MS 360°**



Size (order number)	XS - M (..00)	L - XXL (..01)
Length from waist to sole in cm <b>1</b>	90	100
Waist circumference in cm <b>3</b>	75 - 120	80 - 130
Jeans size in inch waist / approx. length	29 - 47 / 35	31 - 51 / 39



**HOW TO PLACE AN ORDER**

1. Choose your preferred item of forestry protective clothing.
2. Find the appropriate size using the tables. For jackets: Selection based on chest circumference or international size. For trousers: Selection based on jeans size<sup>①</sup> or international size
3. Complete the order number (...) with the number corresponding to your international size:  
**Normal sizes**  
 XS=..02, S=..03, M=..04, L=..05, XL=..06, XXL=..07, 3XL=..08  
**Short sizes** (6 cm shorter legs)  
 S-6=..13, M-6=..14, L-6=..15, XL-6=..16, XXL-6=..17  
**Long sizes** (6 cm longer legs)  
 S+6=..23, M+6=..24, L+6=..25, XL+6=..26
4. Note: The stated measurements are body dimensions. Body dimensions differ from clothing measurements.

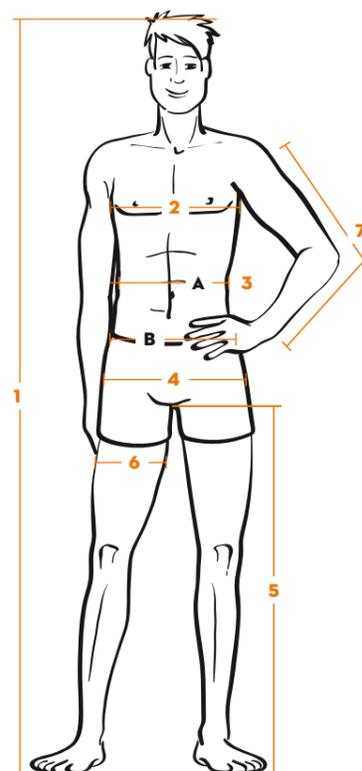
**Women's** sizes are measured based on the seat circumference and inseam or jeans length. The international sizes are based on men's sizes; women should generally select one size smaller than their usual size.

**CUSTOM CLOTHING**

Stand upright, with a relaxed posture. Ask a second person to measure you. **You will need all the following measurements** to order made-to-measure clothing. It is helpful to indicate the size you normally wear. For added precision, you should also add, e.g.: "The same as size M but with 8 cm shorter legs or a 5 cm narrower waist circumference."

Prices and terms of delivery for custom sizes are available from your STIHL dealer.

- 1 Height** from top of head to sole of foot
- 2 Chest circumference** measured horizontally around the body at the widest point of the chest
- 3 Waist circumference** measured without pulling the tape tight  
**A** For overalls and jackets: stomach circumference (at navel)  
**B** For trousers and chaps: waistband circumference (at trouser waist)
- 4 Seat circumference** at the widest point of the seat
- 5 Inseam** measured from the crotch to the ground
- 6 Thigh circumference** at the widest point of the thigh
- 7 Arm length** from the shoulder edge to the knuckle via the elbow, measured with the arm bent  
  
**Jacket length** from the collar seam to the hem (measured from a well-fitting jacket)



① Jeans sizes are given in inches. The measurement in inches multiplied by 2.54 is equal to the waist circumference **3** and the inseam **5** in cm.



**INTERNATIONAL NORMAL SIZES**

Protective clothing Size (order number)	XS (..02)	S (..03)	M (..04)	L (..05)	XL (..06)	XXL (..07)	3XL (..08)
Body height in cm <b>1</b>	170 - 176	172 - 178	174 - 180	176 - 182	178 - 184	180 - 186	182 - 188
Chest circumference in cm <b>2</b>	76 - 84	84 - 92	92 - 100	100 - 108	108 - 116	116 - 124	124 - 132
Waist circumference in cm <b>3</b>	62 - 70	70 - 78	78 - 86	86 - 96	96 - 106	106 - 116	116 - 126
Seat circumference in cm <b>4</b>	76 - 82	82 - 88	88 - 104	104 - 110	110 - 116	116 - 122	122 - 128
Inseam in cm <b>5</b>	79	80	81	82	83	84	85
Jeans size in inch waist / length	25 - 28 / 31	28 - 31 / 31.5	31 - 34 / 32	34 - 38 / 32.5	38 - 42 / 33	42 - 46 / 33.5	46 - 50 / 34

**INTERNATIONAL SHORT SIZES**

Protective clothing Size (order number)	S-6 (..13)	M-6 (..14)	L-6 (..15)	XL-6 (..16)	XXL-6 (..17)
Body height in cm <b>1</b>	166 - 170	168 - 174	170 - 176	172 - 178	174 - 180
Chest circumference in cm <b>2</b>	84 - 92	92 - 100	100 - 108	108 - 116	116 - 124
Waist circumference in cm <b>3</b>	74 - 82	82 - 90	90 - 100	100 - 110	110 - 120
Seat circumference in cm <b>4</b>	82 - 88	88 - 104	104 - 110	110 - 116	116 - 122
Inseam in cm <b>5</b>	74	75	76	77	78
Jeans size in inch waist / length	29 - 32 / 29	32 - 35 / 29.5	35 - 39 / 30	39 - 43 / 30.5	43 - 47 / 31

**INTERNATIONAL LONG SIZES**

Protective clothing Size (Order Number)	S+6 (..23)	M+6 (..24)	L+6 (..25)	XL+6 (..26)
Body height in cm <b>1</b>	178 - 184	180 - 186	182 - 188	184 - 190
Chest circumference in cm <b>2</b>	84 - 92	92 - 100	100 - 108	108 - 116
Waist circumference in cm <b>3</b>	68 - 76	76 - 84	84 - 94	94 - 104
Seat circumference in cm <b>4</b>	80 - 86	86 - 102	102 - 108	108 - 114
Inseam in cm <b>5</b>	86	87	88	89
Jeans size in inch waist / length	27 - 30 / 34	30 - 33 / 34.5	33 - 37 / 35	37 - 41 / 35.5



## SAFETY BOOTS WITHOUT CUT PROTECTION

- For a sturdy grip and great protection with non-slip-tread sole and steel toe cap
- For working outdoors or in the workshop
- Very comfortable and protects against injury



### WORKER S2 MID-HEIGHT SAFETY SHOES

High-quality, ultra-breathable nubuck leather upper and textile lining. Very comfortable to wear thanks to padded bootlegs, cushioned PU midsole and ergonomic, replaceable insole, low weight. All-around reflective materials in orange. Non-slip, self-cleaning, oil- and fuel-resistant treaded soles in accordance with EN ISO 20345 S2.

Sizes **39-48**  
Order number **0088 530 02..**



### WORKER S3 LACED SAFETY BOOTS

High-quality, ultra-breathable nubuck leather upper and textile lining. Very comfortable to wear thanks to padded bootlegs, cushioned PU midsole and plush, replaceable insole, protection against perforation and low weight. All-around reflective materials in orange and self-cleaning, oil- and fuel-resistant treaded soles in accordance with EN ISO 20345 S3.

Sizes **39-48**  
Order number **0088 489 01..**

The final digits (..) of the order number used constitute binding size information in your order:  
36 / 37 / 38 / 39 / 40 / 41 / 42 / 43 / 44 / 45 / 46 / 47 / 48 / 49 / 50

## CHAINSAW BOOTS WITH CUT PROTECTION

- For the right protection when using a chainsaw
- With a steel toe cap and cut protection padding
- So you get a good grip on the floor and are firm on your feet



### FUNCTION LEATHER CHAINSAW BOOTS



Outer material made of water-resistant cowskin leather. Very comfortable thanks to breathable textile lining with padded bootlegs, durable lacing section with deep lacing hooks, excellent protection against wear and abrasions, cushioning PU midsole, excellent grip thanks to the non-slip tread design of the soles.

Sizes **39-47**  
Order number **0088 532 04..**



### ONLY WHILE STOCKS LAST! DYNAMIC RANGER LEATHER CHAINSAW BOOTS



Outer material made of high-quality, water-resistant cowskin leather. Superb flexing comfort, breathable textile lining with padded boot legs, excellent protection against wear and abrasions, durable lacing section, cushioning PU midsole, excellent grip thanks to the non-slip treaded soles.

Sizes **36-50**  
Order number **0088 532 05..**

① For explanation of quality marks, see page 491





**DYNAMIC S3 LEATHER CHAINSAW BOOTS**

Outer material made of high-quality, especially water-resistant and sustainably tanned nubuck leather. All-purpose - including on construction sites, as a result of S3 protection against perforation. Highly breathable lining for good moisture-wicking, padded boot legs, durable lacing section with deep lacing hooks, easy-threading eyelets, removable ergonomic insoles, steel midsole to protect against perforation, excellent protection against wear and abrasion, cushioning PU midsole, excellent grip thanks to the non-slip tread design of the soles.

Sizes **38-48**  
Order number **0088 532 01..**

**ADVANCE GTX CHAINSAW TREKKING BOOTS**

Outer material of exceptionally water-resistant, high-quality suede from mountain cattle, for professional chainsaw jobs on hillsides and for tree maintenance. Durable lacing section with deep lacing hooks, easy-threading eyelets, waterproof and especially breathable GORE-TEX® membrane. High-quality, particularly absorbent, ergonomic removable insoles, additional water and wear protection provided by high-rise rubber edge, cushioning PU midsole, excellent grip thanks to the special non-slip-tread soles.

Sizes **37-49**  
Order number **0088 532 03..**



**ONLY WHILE STOCKS LAST!**  
**DYNAMIC GTX LEATHER CHAINSAW BOOTS**

Outer material of water-resistant leather, combined with waterproof and breathable GORE-TEX® Extended Comfort membrane. Very comfortable to wear due to soft ergonomic insole, easy-threading lace eyelets, protection against wear and abrasions, excellent grip thanks to non-slip tread design of the soles, reflective strips for enhanced safety.

Sizes **36-50**  
Order number **0088 532 02..**



The final digits (..) of the order number used constitute binding size information in your order: 36/37/38/39/40/41/42/43/44/45/46/47/48/49/50

For explanation of quality marks, see page 491



**FUNCTION RUBBER CHAINSAW BOOTS**

Handmade chainsaw rubber boots made from natural rubber. Self-cleaning, non-slip rubber lug soles. Adjustable textile shaft collar with drawstring, also suitable for larger calves, lightweight due to low leg height, treaded mid-sole, excellent grip thanks to the non-slip tread design of the soles.

Sizes **39-47**  
Order number **0088 493 01..**



**SPECIAL RUBBER CHAINSAW BOOTS**

Handmade chainsaw rubber boots made from natural rubber. Self-cleaning, non-slip rubber lug soles. Rubber boots with a laced shaft, reflective strips, treaded mid-sole, excellent grip thanks to the non-slip tread design of the soles.

Sizes **36-50**  
Order number **0088 493 00..**

Order number	Height in cm (approx.)	DIN EN ISO 20345 / DIN EN ISO 17249 / protection class	Weight (kg) in size 42 per pair (approx.)	Cut-protection class	High-quality full-grain leather	Waterproof	Deep tread, self-cleaning treaded soles	Orthopaedic insole	Steel toe cap	Steel midsole	High rolling comfort	Quality mark	Suitable for studs	Suitable for crampons	Ankle protection
<b>SAFETY BOOTS WITHOUT CUT PROTECTION</b>															
WORKER S2 MID-HEIGHT SAFETY SHOES 0088 530 02..	-	●/-/S2	1.0	-	-	-	●	●	●	-	●	-	-	-	-
LACED SAFETY BOOT WORKER S3 0088 489 01..	-	●/-/S3	1.3	-	-	-	●	●	●	●	●	-	-	-	-
<b>CHAINSAW BOOTS WITH CUT PROTECTION</b>															
FUNCTION LEATHER CHAINSAW BOOTS 0088 532 04..	20	●/●/S2	1.9	1	●	-	●	●	●	-	●	●	-	-	●
<b>!</b> DYNAMIC RANGER LEATHER CHAINSAW BOOTS 0088 532 05..	20	●/●/S2	1.9	1	●	-	●	●	●	-	●	●	-	-	●
DYNAMIC S3 LEATHER CHAINSAW BOOTS 0088 532 01..	20	●/●/S3	2.0	1	●	-	●	●	●	●	●	-	-	-	●
<b>!</b> DYNAMIC GTX LEATHER CHAINSAW BOOTS 0088 532 02..	20	●/●/S2	2.2	1	●	●	●	●	●	-	●	●	-	-	●
ADVANCE GTX CHAINSAW TREKKING BOOTS 0088 532 03..	20	●/●/S2	2.5	2	●	●	●	●	●	-	●	●	-	●	●
FUNCTION RUBBER CHAINSAW BOOTS 0088 493 01..	32	●/●/S2	2.9	1	-	●	●	-	●	-	●	-	●	-	-
SPECIAL RUBBER CHAINSAW BOOTS 0088 493 00..	35	●/●/S2	3.1	3	-	●	●	-	●	-	●	●	●	-	-

● Fitted as standard  
- Not available

**!** Only while stocks last!



EAR PROTECTION



	GSS
Ear protection (noise protection values)	SNR 34 (H: 33; M: 31; L: 28)
Features and equipment	<ul style="list-style-type: none"> <li>Made from cone-shaped polyurethane foam with very good noise protection</li> <li>Soft material for comfortable wear</li> <li>Two pairs in the Multibox</li> </ul>
Bluetooth®	-
Order number	0000 886 0411

EAR PLUGS



	CONCEPT	CONCEPT 24	CONCEPT 24 F	CONCEPT 28	TIMBERSPORTS® EDITION	DYNAMIC SOUND
Ear protection (noise protection values)	SNR 26 (H: 31; M: 23; L: 15)	SNR 24 (H: 28; M: 22; L: 15)	SNR 24 (H: 31; M: 21; L: 14)	SNR 28 (H: 31; M: 27; L: 18)	SNR 28 (H: 35; M: 24; L: 17) SNR 29 (H: 34; M: 26; L: 18)	SNR 29 (H: 33; M: 26; L: 18)
Features and equipment	<ul style="list-style-type: none"> <li>Very lightweight</li> <li>Easy to adjust</li> <li>Soft pads for comfortable wear</li> </ul>	<ul style="list-style-type: none"> <li>Very sturdy</li> <li>Air-permeable metal headband and soft pads for increased comfort</li> </ul>	<ul style="list-style-type: none"> <li>Padded head strap and soft pads for high comfort</li> <li>Foldable for space-saving transport</li> </ul>	<ul style="list-style-type: none"> <li>Very sturdy</li> <li>Air-permeable metal headband and soft pads for increased comfort</li> <li>High noise protection</li> </ul>	<ul style="list-style-type: none"> <li>TIMBERSPORTS® design</li> <li>Padded head strap and soft pads for high comfort</li> <li>High noise protection</li> <li>For adults and kids</li> </ul>	<ul style="list-style-type: none"> <li>Wide range of uses</li> <li>Use of smartphone functions via Bluetooth®</li> <li>Separate AUX input</li> <li>Battery runtime of up to 38 hours</li> </ul>
Bluetooth®	-	-	-	-	-	Bluetooth®
Order number	0000 884 0539	0000 884 0541	0000 884 0542	0000 884 0543	For adults 0000 884 0546 For children 0000 884 0547	0000 884 0519

EAR PROTECTORS

# FACE, EAR AND HEAD PROTECTION, SAFETY GLASSES, AND WORK GLOVES

- Protects the head, ears and face from engine noise, wood chips and pebbles
- Individually-adjustable combined face and ear protection
- The appropriate ear, eye and hand protection for your individual needs

**i** ALL STIHL EAR PROTECTORS FULFIL THE SAFETY REQUIREMENTS DEFINED IN EN 352.

## ADVANCE PROCOM SMART, EFFICIENT, COMFORTABLE COMMUNICATION



ADVANCE ProCOM acts as both ear protection and an innovative communications solution, specifically tailored to needs in forestry and tree maintenance. Its technology allows up to 16 people to be connected within a network, so users can stay in direct contact across distances of up to 600 m. Each headset also acts as a signal repeater, meaning that wider areas can be covered by larger teams. Efficient sound insulation in which machine sounds are actively dampened by filtering, as well as very good voice quality enable concentrated work as well as clear, comfortable communication even in loud environments. Smartphone functions can be used via Bluetooth® connection, as well as the integration of classic radio devices into communication using the ADVANCE ProCOM.

SNR 32 (H: 35; M: 29; L: 23)Ⓞ



### ADVANCE PROCOM EAR PROTECTORS

Order number  
0000 884 0544

Additional versions:

➔ NEW ADVANCE X-Vent ProCOM helmet set see from page 455

➔ ADVANCE ProCOM ear defenders set see from page 456

• Fitted as standard  
- Not available  
Ⓞ When using ADVANCE ProCOM ear protectors





FACE AND EAR PROTECTION



SERIES	FUNCTION			DYNAMIC	DYNAMIC			ADVANCE	
	FUNCTION GSS PC	FUNCTION GSS PA	FUNCTION GPA		DYNAMIC GPC	DYNAMIC GPA	DYNAMIC SOUND PC	DYNAMIC SOUND PA	ADVANCE GPC 28
Ear protection (noise protection values)	SNR 34 (H: 33; M: 31; L: 28) <sup>①</sup>	SNR 34 (H: 33; M: 31; L: 28) <sup>①</sup>	SNR 25 (H: 27; M: 22; L: 16) <sup>①</sup>	SNR 31 (H: 35; M: 29; L: 19) <sup>①</sup>	SNR 31 (H: 35; M: 29; L: 19) <sup>①</sup>	SNR 29 (H: 33; M: 26; L: 18) <sup>①</sup>	SNR 29 (H: 33; M: 26; L: 18) <sup>①</sup>	SNR 28 (H: 32; M: 26; L: 16) <sup>①</sup>	SNR 28 (H: 32; M: 26; L: 16) <sup>①</sup>
Certification/Standard	EN 166, EN 352	EN 1731, EN 352	EN 1731, EN 352	EN 166, EN 352	EN 1731, EN 352	EN 166, EN 352	EN 1731, EN 352	EN 166, EN 352	EN 1731, EN 352
Features and equipment	<ul style="list-style-type: none"> <li>• Face protection with plastic shield (polycarbonate PC)</li> <li>• 100 % UV protection</li> <li>• Double headband<sup>②</sup></li> <li>• Includes four ear plugs</li> </ul>	<ul style="list-style-type: none"> <li>• Face protection with nylon mesh (polyamide PA)</li> <li>• Double headband<sup>②</sup></li> <li>• Includes four ear plugs</li> </ul>	<ul style="list-style-type: none"> <li>• Very lightweight face protection with nylon mesh (polyamide PA)</li> <li>• Adjustable head strap</li> <li>• Ear defenders with good noise protection</li> </ul>	<ul style="list-style-type: none"> <li>• Face protection with plastic shield (polycarbonate PC)</li> <li>• 100 % UV protection</li> <li>• Enlarged visor with anti-fog coating</li> <li>• Additional forehead protection</li> <li>• Ear defenders with good noise protection</li> </ul>	<ul style="list-style-type: none"> <li>• Face protection with nylon mesh (polyamide PA)</li> <li>• Soft padding on the head strap</li> <li>• Enlarged visor</li> <li>• Additional forehead protection</li> <li>• Ear defenders with good noise protection</li> </ul>	<ul style="list-style-type: none"> <li>• Face protection with plastic shield (polycarbonate PC)</li> <li>• Ear defenders with Bluetooth® for use of smartphone functions</li> </ul>	<ul style="list-style-type: none"> <li>• Face protection with nylon mesh (polyamide PA)</li> <li>• Ear defenders with Bluetooth® for use of smartphone functions</li> </ul>	<ul style="list-style-type: none"> <li>• For professional applications</li> <li>• Face protection with plastic shield (polycarbonate PC)</li> <li>• 100 % UV protection</li> <li>• Visor with anti-fog coating</li> <li>• Adjustable straps with ratchet adjustment</li> <li>• Forehead protection with ventilation slits</li> <li>• Circumferential holding system for maximum comfort and optimum weight distribution</li> </ul>	<ul style="list-style-type: none"> <li>• For professional applications</li> <li>• Face protection with nylon mesh (polyamide PA)</li> <li>• Adjustable straps with ratchet adjustment</li> <li>• Forehead protection with ventilation slits</li> <li>• Circumferential holding system for maximum comfort and optimum weight distribution</li> </ul>
Quality mark <sup>③</sup>	-	-	-	-	-	-	-		
Bluetooth®	-	-	-	-	-			-	-
Order number	0000 884 0255	0000 884 0252	0000 884 0251	0000 884 0253	0000 884 0254	0000 884 0538	0000 884 0537	0000 884 0256	0000 884 0231

- Not available    ① When working with brushcutters, edge trimmers, clearing saws, blowers / mistblowers and cut-off saws, eye protection (EN 166-compliant safety glasses) must always be worn!    ② Supports the back of the head, prevents slipping, fit can be individually adapted    ③ For explanation of quality marks, see page 491





SERIES	FUNCTION		DYNAMIC		
	FUNCTION BASIC	FUNCTION UNIVERSAL	NEW DYNAMIC LIGHT	DYNAMIC ERGO	DYNAMIC X-ERGO
Helmet: head circumference (cm), interior	53 - 66, 6-point	54 - 62, 4-point	53 - 62, 4-point	52 - 61, 6-point	52 - 61, 6-point
Weight (g)	695	580	671	762	840
Ear protection (noise protection values)	SNR 27 (H: 29; M: 26; L: 19)	SNR 26 (H: 33; M: 24; L: 14)	SNR 28 (H: 32; M: 26; L: 16)	SNR 27 (H: 34; M: 25; L: 18)	SNR 30 (H: 35; M: 27; L: 20)
Face protection / light transmission	Nylon mesh, 55 %	Nylon mesh, 55 %	Nylon mesh, 55 %	Nylon mesh, 45 %	Metal mesh, 60 %
Certification / Standard	EN 352, EN 397, EN 1731	EN 352, EN 397, EN 1731	EN 352, EN 397, EN 1731	EN 352, EN 397, EN 1731	EN 352, EN 397, EN 1731
Balance	+	+	++	++	++
Functionality	+	++	++	++	+++
Quality mark <sup>①</sup>					
Bluetooth <sup>®</sup>	-	○	○	-	-
Features and equipment	<ul style="list-style-type: none"> <li>• For occasional applications and domestic use</li> <li>• Enlarged visor with additional forehead protection and rain channel</li> <li>• Sweatband made of functional material</li> </ul>	<ul style="list-style-type: none"> <li>• For occasional applications and domestic use</li> <li>• Adjustable headband</li> <li>• Sweatband made of synthetic leather</li> </ul>	<ul style="list-style-type: none"> <li>• For domestic and professional use</li> <li>• Headband with adjustable ratchet</li> <li>• Sweatband made of synthetic leather</li> </ul>	<ul style="list-style-type: none"> <li>• For domestic and professional use</li> <li>• Headband with adjustable ratchet</li> <li>• Adjustable slits</li> <li>• Sweatband made of synthetic leather</li> </ul>	<ul style="list-style-type: none"> <li>• For domestic and professional use</li> <li>• Headband with adjustable ratchet</li> <li>• Adjustable slits</li> <li>• Sweatband made of functional material</li> <li>• Ear protection with good noise dampening</li> </ul>
<b>Order number</b>	<b>0000 888 0810</b>	<b>0000 888 0809</b>	<b>0000 888 0825</b>	<b>0000 888 0808</b>	<b>0000 888 0807</b>
<b>ACCESSORIES<sup>②</sup></b>					
Internal rain protection attachment	○	○	○	○	○
Integrated safety glasses	-	-	-	-	○ <sup>③</sup>
Visor extension	-	-	-	-	-
Chin strap	-	-	○	○	○
DYNAMIC Sound ear defenders set	-	-	-	-	-
Ear defender set ADVANCE ProCOM	-	○	○	-	-



○ Optional      + Normal  
 - Not available      ++ Good  
 ! Only while stocks last!      +++ Very good

① For explanation of quality marks, see page 491  
 ② You can find further information on accessories for helmet sets from page 456  
 ③ With clip attachment for DYNAMIC Light Plus safety glasses (see page 458) on helmet





SERIES	ADVANCE				ADVANCE X-VENT SOUND		NEW ADVANCE X-VENT PROCOM	ADVANCE X-CLIMB
	ADVANCE VENT	ADVANCE X-VENT	ADVANCE X-CLIMB	ADVANCE X-CLIMB ME	ADVANCE X-VENT SOUND	NEW ADVANCE X-VENT PROCOM	ADVANCE X-CLIMB	
Helmet: head circumference (cm), interior	53 - 64, 6-point	53 - 64, 6-point	50 - 63, 6-point	50 - 63, 6-point	53 - 64, 6-point	53 - 64, 6-point	50 - 63, 6-point	
Weight (g)	861	845	849	844	935	879	500	
Ear protection (noise protection values)	SNR 28 (H: 30; M: 26; L: 19)	SNR 30 (H: 34; M: 27; L: 19)	SNR 28 (H: 32; M: 26; L: 16)	SNR 28 (H: 32; M: 26; L: 16)	SNR 27 (H: 31; M: 24; L: 18)	SNR 31 (H: 36; M: 29; L: 21)	-	
Face protection / light transmission	Metal mesh, 70 %	Spring steel mesh, 85 %	Nylon mesh, 55 %	Spring steel mesh, 82 %	Spring steel mesh, 85 %	Spring steel mesh, 85 %	-	
Certification / Standard	EN 352, EN 397, EN 1731	EN 352, EN 397, EN 1731	EN 12492, EN 397, EN 352, EN 1731	EN 12492, EN 397, EN 352, EN 1731	EN 352, EN 397, EN 1731	EN 352, EN 397, EN 1731	EN 12492, EN 397	
Balance	+++	+++	+++	+++	+++	+++	+++	
Functionality	+++	+++	+++	+++	+++	+++	+++	
Quality mark <sup>Ⓢ</sup>								
Bluetooth <sup>®</sup>	○	○	○	○			○	
Features and equipment	<ul style="list-style-type: none"> <li>• For professional applications in the forest</li> <li>• Headband with adjustable ratchet and ventilation openings</li> <li>• Optimum weight distribution</li> <li>• Reflective stickers for increased safety</li> </ul>	<ul style="list-style-type: none"> <li>• For professional applications in the forest</li> <li>• Headband with adjustable ratchet and ventilation openings</li> <li>• Reflective stickers for increased safety</li> </ul>	<ul style="list-style-type: none"> <li>• Universal climbing helmet for professional applications in trees and on the ground</li> <li>• Headband with adjustable ratchet and ventilation openings</li> <li>• Chinstrap with magnetic closure</li> <li>• Reflective stickers for increased safety</li> </ul>	<ul style="list-style-type: none"> <li>• Universal climbing helmet for professional applications in trees and on the ground</li> <li>• Headband with adjustable ratchet and ventilation openings</li> <li>• Chinstrap with magnetic closure</li> <li>• Reflective stickers for increased safety</li> </ul>	<ul style="list-style-type: none"> <li>• For professional applications in the forest</li> <li>• Headband with adjustable ratchet and ventilation openings</li> <li>• Reflective stickers for increased safety</li> </ul>	<ul style="list-style-type: none"> <li>• For professional applications in the forest</li> <li>• Headband with adjustable ratchet and ventilation openings</li> <li>• Reflective stickers for increased safety</li> </ul>	<ul style="list-style-type: none"> <li>• Universal climbing helmet for professional applications in trees and on the ground</li> <li>• Headband with adjustable ratchet and ventilation openings</li> <li>• Chinstrap with magnetic closure</li> <li>• Reflective stickers for increased safety</li> </ul>	
Order number	0000 888 0801	0000 888 0802	0000 888 0812	0000 888 0814	0000 888 0806	0000 888 0813	0000 889 9045	
ACCESSORIES <sup>Ⓢ</sup>								
Internal rain protection attachment	○	○	○	○	○	○	○	
Integrated safety glasses	○	○	-	-	○	○	-	
Visor extension	○	○	-	-	○	○	-	
Chin strap	○	○	●	●	○	○	●	
DYNAMIC Sound ear defenders set	○	○	-	-	●	○	○ <sup>Ⓢ</sup>	
Ear defender set ADVANCE ProCOM	○ <sup>Ⓢ</sup>	○ <sup>Ⓢ</sup>	○	○	○	●	○	

HELMET SETS

HELMET WITHOUT VISOR OR EAR PROTECTION

● Fitted as standard  
○ Optional  
- Not available

+ Normal  
++ Good  
+++ Very good

Ⓢ For explanation of quality marks, see page 491  
Ⓢ You can find further information on accessories for helmet sets from page 456

Ⓢ ProCOM ear defender set must be mounted on existing helmet attachment. (The helmet adapters included with the ear defender set are only suitable for FUNCTION Universal, ADVANCE X-Climb & ME helmets as a direct "plug & play" option)  
Ⓢ The adapter for the DYNAMIC Sound ear defender set (0000 889 8013) is required for use with the Helmet ADVANCE X-Climb (without visor or ear protection), see page 457





## ACCESSORIES FOR HELMET SETS

**DYNAMIC SOUND EAR DEFENDERS SET**

Smartphone functions such as making phone calls and listening to music can be used by means of a Bluetooth® connection. The adapter for the DYNAMIC Sound ear defender set is required for use with the Helmet ADVANCE X-Climb (without visor or ear protection).

EN 352, SNR 27 (H: 31; M: 24; L: 18)

For ADVANCE Vent, X-Vent and X-Vent ProCOM helmet sets and Helm X-Climb helmet (without visor or ear protection)

Order number **0000 889 9043**

**ADVANCE PROCOM EAR DEFENDERS SET**

ADVANCE ProCOM acts as both ear protection and an innovative communications solution, specifically tailored to needs in forestry and tree maintenance. Its technology allows up to 16 people to be connected within a network, so users can stay in direct contact across distances of up to 600 m. Each headset also acts as a signal repeater, meaning that wider areas can be covered by larger teams. Efficient sound insulation in which machine sounds are actively dampened by filtering, as well as very good voice quality enable concentrated work as well as clear, comfortable communication even in loud environments. Smartphone functions can be used via Bluetooth® connection, as well as the integration of classic radio devices into communication using the ADVANCE ProCOM. The integrated FM radio also provides entertainment as you work.

EN 352, SNR 31 (H: 36; M: 29; L: 21)

For FUNCTION Universal helmet set, helmet DYNAMIC light as well as all helmets in the ADVANCE series

Order number **0000 889 8011**

Additional versions:

➔ ADVANCE X-Vent ProCOM helmet set see from page 453

**INTERNAL RAIN PROTECTION ATTACHMENT**

Reliably prevents the ingress of rain, snow or small pieces of dirt from above.

For the FUNCTION Basic helmet set

Order number **0000 889 8004**

For FUNCTION Universal, DYNAMIC Light and ADVANCE X-Climb helmet sets

Order number **0000 884 0435**

For DYNAMIC series helmet sets

Order number **0000 889 8009**

For ADVANCE Vent, X-Vent, X-Vent Sound and X-Vent ProCOM helmet sets

Order number **0000 889 8006**

**INTEGRATED SAFETY GLASSES**

Safety glasses without temples for direct integration into a helmet using a holder. Can be pushed up underneath the helmet shell if required.

For ADVANCE Vent, X-Vent, X-Vent Sound and X-Vent ProCOM helmet sets

Order number **0000 894 9402**

**ADAPTER FOR DYNAMIC SOUND EAR DEFENDERS SET**

For fitting Dynamic Sound ear defenders to the ADVANCE X-CLIMB helmet (without visor or ear protection).

Order number **0000 889 8013**

**VISOR EXTENSION**

To protect the throat area against pieces of flying debris, e.g. wood chips.

For ADVANCE series helmet sets

Order number **0000 889 8008**

**CHIN STRAP**

For fastening the helmet set securely on the head. Prevents helmet slippage when bending down or working in areas of dense growth.

For FUNCTION Universal and DYNAMIC Light helmet sets

Order number **0000 884 0133**

For ADVANCE Vent and X-Vent helmet sets

Order number **0000 889 8007**

SAFETY GLASSES



SERIES	FUNCTION				
	FUNCTION LIGHT			FUNCTION SLIM	
Glass colour	●	●	○	●	○
Application	High contrast enhancement	Ideal in bright sunlight	Ideal in low-light situations	Ideal in bright sunlight	Ideal in low-light situations
Certification/ Standard	EN 166, EN 170	EN 166, EN 172	EN 166, EN 170	EN 166, EN 172	EN 166, EN 170
Ballistic protection class	F (45 m/s)			F (45 m/s)	
Side protection		●		●	
Scratch-resistant		●		●	
Non-fogging		-		-	
100% UV protection		●		●	
<b>Order number</b>	<b>0000 884 0360</b>	<b>0000 884 0362</b>	<b>0000 884 0361</b>	<b>0000 884 0378</b>	<b>0000 884 0377</b>



SERIES	DYNAMIC					
	DYNAMIC CONTRAST				DYNAMIC LIGHT PLUS	
Glass colour	●	●	●	○	●	○
Application	Very high contrast enhancement	High contrast enhancement	Ideal in bright sunlight	Ideal in low-light situations	Very high contrast enhancement	Ideal in bright sunlight
Certification/ Standard	EN 166, EN 170	EN 166, EN 170	EN 166, EN 172	EN 166, EN 170	EN 166, EN 170	EN 166, EN 172
Ballistic protection class	F (45 m/s)			F (45 m/s)		
Side protection		●			●	
Scratch-resistant		●			●	
Non-fogging		●			●	
100% UV protection		●			●	
<b>Order number</b>	<b>0000 884 0363</b>	<b>0000 884 0364</b>	<b>0000 884 0365</b>	<b>0000 884 0366</b>	<b>0000 884 0372</b>	<b>0000 884 0371</b>



SERIES	ADVANCE			
	ADVANCE SUPER FIT			
Glass colour	●	●	○	●
Application	High contrast enhancement	Ideal in bright sunlight	Ideal in low-light situations	Ideal for use with the Laser 2-in-1. High contrast enhancement
Certification/ Standard	EN 166, EN 170	EN 166, EN 172	EN 166, EN 170	EN 166, EN 170
Ballistic protection class	F (45 m/s)			
Adjustable frame/arms			-	
Side protection			●	
Scratch-resistant			●	
Non-fogging			●	
100% UV protection			●	
<b>Order number</b>	<b>0000 884 0373</b>	<b>0000 884 0374</b>	<b>0000 884 0375</b>	<b>0000 884 0345</b>



SERIES	TIMBERSPORTS®			SAFETY GLASSES FOR GLASSES WEARERS	
	NEW TIMBERSPORTS® EDITION			SUPER OTG	ULTRASONIC
Glass colour	●	○	○	○	○
Application	Ideal in bright sunlight	Ideal in bright sunlight, contemporary mirror coating	Ideal in low-light situations	For general use, ideal in low-light situations	Emergency services saw, cut-off machine, ideal in low-light or dusty situations
Certification/ Standard	EN 166, EN 172	EN 166, EN 172	EN 166, EN 170	EN 166, EN 170	EN 166, EN 170
Ballistic protection class	F (45 m/s)			F (45 m/s)	B (120 m/s)
Adjustable frame/arms			-	-	●
Side protection		●		●	●
Scratch-resistant		●		●	●
Non-fogging		●		●	●
100% UV protection		●		●	●
<b>Order number</b>	<b>0000 884 0380</b>	<b>0000 884 0381</b>	<b>0000 884 0379</b>	<b>0000 884 0358</b>	<b>0000 884 0359</b>

## TIMBERSPORTS® EDITION SAFETY GLASSES

These modern safety glasses with discreet TIMBERSPORTS® details on the temples are ideal for all work with STIHL devices and can also be used for leisure wear, e.g. when playing sports. They sit comfortably, even on damp skin, and feature anti-fog lenses and an additional lip in the forehead area to protect against dust and sweat. The glasses also come with a non-scratch coating as well as UV protection. The slim, flexible temples ensure that the glasses are comfortable to wear under ear protection. The TIMBERSPORTS® edition safety glasses are available in transparent, tinted and silver-mirrored versions, and come with an exclusive microfibre dust pouch for storage, transport and also for cleaning the lenses.

● Fitted as standard  
- Not available



WORK GLOVES



SERIES	FUNCTION					DYNAMIC					ADVANCE		
	FUNCTION SENSITOUCH	FUNCTION UNIVERSAL	DUROGRIP FUNCTION	THERMOGRIP FUNCTION	PROTECT MS FUNCTION	DYNAMIC DURO	DYNAMIC SENSOLIGHT	DYNAMIC VENT	DYNAMIC THERMOVENT	DYNAMIC PROTECT MS	ADVANCE DURO	ADVANCE ERGO	ADVANCE ERGO MS
Material	Knitted with nitrile dipping	Cowhide leather / canvas back	Knit with latex dipping	Knit with latex dipping	Cowhide leather / textile back	Cowskin leather	Sheepskin leather / textile back	Synthetic leather / textile back	Goatskin leather / textile back	Cowhide leather / textile back	Cowhide leather / textile back	Goatskin leather / textile back	Cowhide leather / textile back
Certification / Standard	EN 388, EN ISO 21420	EN 388, EN ISO 21420	EN 388, EN ISO 21420	EN 388, EN ISO 21420, EN 511	EN 388, EN ISO 21420, EN ISO 11393	EN 388, EN ISO 21420	EN 388, EN ISO 21420	EN 388, EN ISO 21420	EN 388, EN ISO 21420, EN 511	EN 388, EN ISO 21420, EN ISO 11393	EN 388, EN ISO 21420	EN 388, EN ISO 21420	EN 388, EN ISO 21420
Performance levels according to EN 388: Abrasion / cut / tear / perforation / Cut ISO	4/1/2/1/X	2/1/3/3/X	1/2/2/2/X	2/2/4/1/X	2/1/3/2/X	2/1/3/2/X	1/1/1/2/X	2/1/2/1/X	2/1/2/2/X	3/1/2/2/X	3/1/3/3/X	2/0/2/2/X	2/1/3/1/X
Performance levels according to EN 511: Convective / contact / watertight	-	-	-	1/2/X	-	-	-	-	1/1/X	-	-	-	-
Fit / cut	+++	+	++	++	+	++	++	++	+++	++	++	+++	+++
Sensitivity	+++	+	+	+	+	+	+++	++	+++	++	++	+++	+++
Durability	+	++	+++	+++	+++	+++	++	-	++	+++	+++	++	++
Low temperature protection	-	-	++	+++	++	-	-	-	++	++	+	-	-
Cuff	Elastic	Open cuff	Elastic	Elastic	Elastic	Open cuff	Elasticated, Velcro	Elasticated, Velcro	Elastic	Elastic	Elastic	Elasticated, Velcro	Elasticated, Velcro
Special features	Suitable for operating touchscreens	Long cuff	Good (wet) grip, good water protection	Good (wet) grip, good water protection	Cut protection class 0; Cut protection design A	All-round leather	Lightweight, reflective strips	Suitable for operating touchscreens, lightweight, breathable	Breathable, water-repellent	Protection class 1; Cut protection design A	Pulse protection	Breathable, elastic	Breathable, reflective strips
Order number	M = 9 0088 611 1509 L = 10 0088 611 1510 XL = 11 0088 611 1511	Universal size 0088 611 1410	S = 8 0088 611 1008 M = 9 0088 611 1009 L = 10 0088 611 1010 XL = 11 0088 611 1011	S = 8 0088 611 1208 M = 9 0088 611 1209 L = 10 0088 611 1210 XL = 11 0088 611 1211	S = 8 0088 610 0408 M = 9 0088 610 0409 L = 10 0088 610 0410 XL = 11 0088 610 0411	S = 8 0088 611 1308 M = 9 0088 611 1309 L = 10 0088 611 1310 XL = 11 0088 611 1311	S = 8 0088 611 0808 M = 9 0088 611 0809 L = 10 0088 611 0810 XL = 11 0088 611 0811	S = 8 0088 611 1708 M = 9 0088 611 1709 L = 10 0088 611 1710 XL = 11 0088 611 1711	S = 8 0088 611 0508 M = 9 0088 611 0509 L = 10 0088 611 0510 XL = 11 0088 611 0511	S = 8 0088 610 0308 M = 9 0088 610 0309 L = 10 0088 610 0310 XL = 11 0088 610 0311 XXL = 12 0088 610 0312	M = 9 0088 611 0609 L = 10 0088 611 0610 XL = 11 0088 611 0611	M = 9 0088 611 0409 L = 10 0088 611 0410 XL = 11 0088 611 0411	S = 8 0088 611 1608 M = 9 0088 611 1609 L = 10 0088 611 1610 XL = 11 0088 611 1611 XXL = 12 0088 611 1612

+ Good ++ Very good +++ Excellent - Not available







ASIL SYSTEM

**PAGE 129**

**CUT KIT 1**

With the STIHL Cut Kit 1, you can proactively ensure that your STIHL GTA 26 battery garden pruner delivers a consistently high cutting performance.



**Included in the set:**

- 1 x AS 2 lithium-ion battery, 28 Wh, 10.8 V
- 1 x AL 1 standard charger
- 1 x Light guide bar, 10 cm
- 1 x 1/4"-PM3 saw chain, 10 cm
- 1 x Multioil Bio, 50 ml
- 1 x black / orange carry bag with eyelets for wall mounting

**GTA 26** excluding battery, charger and carry bag, including Multioil Bio, 50 ml

Bar length **10 cm**  
Order number **GA01 011 6900**

**GTA 26 set** with AS 2 and AL 1

Bar length **10 cm**  
Order number **GA01 011 6910**

**GTA 26**

10.8 V • 1.2 kg

Battery garden pruner with a wide range of uses. For pruning trees and shrubs, cutting up garden waste, and building with wood. With a 1/4"-PM3 saw chain for high cutting power and performance. Non-slip control handle for outstanding ergonomics. Tool-free chain replacement and flexible protective hood for safe work, with charge-level indicator. The GTA 26 is available in a set or as a standalone tool.

**SECATEURS**



SERIES	BYPASS					FELCO			ANVIL
	PG 10	PG 20	PG 30	FELCO F 6	FELCO F 8	FELCO F 9 (for left-handed use)	FELCO F 2	FELCO F 7	
Length (cm)	22	22	22	20	21	21	22	21	20
Weight (g)	230	240	255	210	245	245	240	290	260
Branch diameter up to (mm)	20	25	25	20	25	25	25	25	15
Viticulture	+	++	+++	+++	+++	+++	++	+++	+
Orchards	+	++	+++	++	+++	+++	++	+++	+++
Horticulture	++	++	++	+++	++	++	++	++	+
Garden and park maintenance	+	+++	+++	++	+++	+++	+++	+++	++
Equipment	Wire-cutting notch, single-hand closure	Wire-cutting notch, single-hand closure	Wire-cutting notch, single-hand closure, sap groove	Wire-cutting notch, single-hand closure, sap groove, revolving handle	Single-hand clasp				
Quality mark	-	K	K	-	-	-	-	-	K
Order number	0000 881 3604	0000 881 3637	0000 881 3638	0000 881 8501	0000 881 8503	0000 881 8504	0000 881 8500	0000 881 8502	0000 881 3639

**NEW EXTENSION**

Extends reach by 150 cm, ergonomic handle arrangement and stable guidance of the GTA 26. With integrated branch hook that can be fitted to the GTA 26 without the use of tools, made from aluminium. Weight: 1.3 kg.



For GTA 26  
Order number **GA01 820 5000**

**HOLSTER**

Enables you to carry the GTA 26 on your belt for quick access to the tool when working. The adjustable leg strap secures the holster on your thigh for more comfortable wear. The additional flap holds the GTA 26 securely in the holster.



For GTA 26  
Order number **GA01 490 1700**

	Order number	Rated voltage (V)	Weight (kg)	Sound pressure level <sup>ⓐ</sup> (dB(A))	Sound power level <sup>ⓐ</sup> (dB(A))	Vibration level, left / right <sup>ⓐ</sup> (m/s <sup>2</sup> )
<b>BATTERY GARDEN PRUNER</b>						
<b>GTA 26</b>	<b>GA01 011 6900</b>	10.8	1.2 <sup>ⓐ</sup>	77.0	86.0	2.9 / 2.8
<b>GTA 26 SET with AS 2 + AL 1</b>	<b>GA01 011 6910</b>	10.8	1.45 <sup>ⓐ</sup>	77.0	86.0	2.9 / 2.8



**PAGE 411**

**MULTIOIL BIO**

Eco-friendly with a wide range of uses, for example chain lubrication for the GTA 26 or for oiling your secateurs. Available in 50 ml and 150 ml sizes.

+ Suitable  
++ Very suitable  
+++ Extremely suitable

ⓐ Weight excluding battery, including cutting attachment  
ⓑ K-factor in accordance with Directive 2006 / 42 / EC = 2.0 dB(A)  
ⓒ K-factor in accordance with Directive 2006 / 42 / EC = 2.0 m/s<sup>2</sup>

ⓓ Weight including battery and cutting attachment, but excluding charger  
ⓔ For explanation of symbols, see page 482

ⓕ For additional information on bypass and anvil cutting, see page 488  
ⓖ Cutting work on vines  
ⓗ Pruning, rejuvenating and harvesting cuts

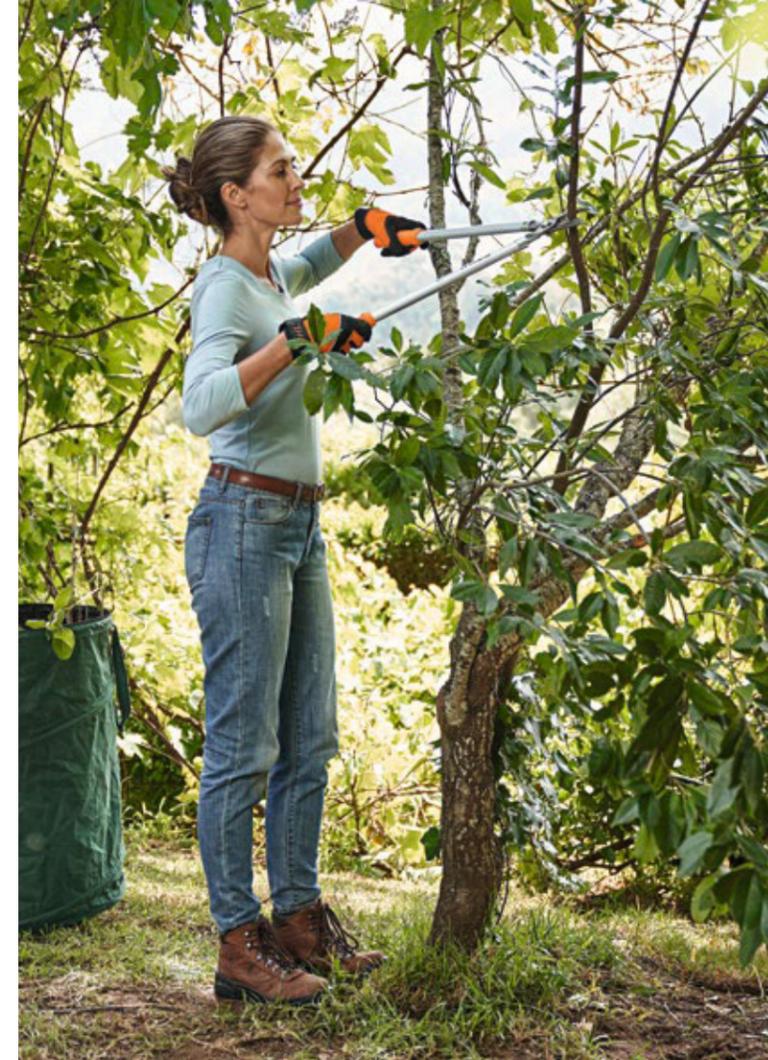
ⓙ Cutting and rejuvenating work (plants and flowers)  
ⓚ Cutting and rejuvenating work (shrubs and hedges)  
ⓛ For explanation of quality marks, see page 491



PRUNING SHEARS



SERIES	BYPASS <sup>Ⓢ</sup>				ANVIL <sup>Ⓢ</sup>	
	PB 10	PB 11	PB 20	PB 30	PB 25	PB 35
Length (cm)	60	75	80	83	80	80
Weight (g)	1,000	1,150	1,125	1,695	1,245	1,460
Branch diameter up to (mm)	35	35	42	50	40	48
Viticulture <sup>Ⓢ</sup>	+++	+++	++	+++	-	-
Orchards <sup>Ⓢ</sup>	+++	+++	++	+++	++	+++
Horticulture <sup>Ⓢ</sup>	++	++	++	++	-	-
Garden and park maintenance <sup>Ⓢ</sup>	++	++	++	+++	++	+++
Equipment	Full-to-cut cutting head, damper to protect the joints, holding grooves on the anvil				Low-impact damper	
Quality mark <sup>Ⓢ</sup>						
Order number	0000 881 3669	0000 881 3670	0000 881 3664	0000 881 6500	0000 881 3653	0000 881 3665



HOLSTER



For STIHL PG 10, PG 20, PG 30 and PG 25 secateurs. Extremely hard-wearing cowhide leather, black.

Order number **0000 881 3644**

3-IN-1 SHARPENING TOOL



Can be used for pruning shears and secateurs, axes and hatchets, as well as blades and household shears. Ergonomic design for ease of use and a professional sharpening result.

Order number **0000 881 9801**

PH 10 HEDGE TRIMMER



54 cm, 1,050 g. For soft to very tough hedges and shrubs. Specially coated and corrosion-resistant serrated blades with sap grooves, tool-free adjustment of the blade connection, beechwood handle, impact absorber.

Order number **0000 881 3671**

SHARPENING STONE AND WHETSTONE



For pruning shears, secateurs and hedge trimmers as well as precision grinding of bush hooks, debarking irons and axes. Two-sided with coarse and fine grain, for use with oil or water.

Order number **0000 881 6001**

PR 40 CT TELESCOPIC SAW



40 cm, approx. 520 g. Professional saw for use with telescopic shaft, with hard chrome-plated carbon steel edge that stays sharp for a long time, high-performance cutting edge with clearing slots to prevent jamming. Bark cutter prevents tearing of bark, the hook keeps the saw in the cut. With cover for safe storage.

Order number **0000 881 4141**

PR 38 CT TELESCOPIC SAW



40 cm, approx. 400 g. High-quality pruning saw. Hard chrome-plated saw blade with clearing slots, hooks, bark blade for cutting bark.

Order number **0000 881 3672**

TELESCOPIC SHAFT FOR PR 40 CT



184-456 cm. High-strength, oval-shaped aluminium rod with clamp lever and lock for infinitely variable length adjustment. Heavy load position. Long rubber insulation on handle for a secure grip.

Order number **0000 881 4113**

TELESCOPIC SHAFT FOR PR 38 CT



175-320 cm, infinitely variable adjustment. For cutting at heights up to 5 m. Two-part, sturdy aluminium tube Ø 30 mm / 27 mm. Extremely robust, easy-to-tighten clamping fixture made of steel, rubberised grips.

Order number **0000 881 6101**

+ Suitable  
 ++ Very suitable  
 +++ Extremely suitable  
 ① For additional information on bypass and anvil cutting, see page 488  
 ② Cutting work on vines  
 ③ Pruning, rejuvenating and harvesting cuts

④ Cutting and rejuvenating work (plants and flowers)  
 ⑤ Cutting and rejuvenating work (shrubs and hedges)  
 ⑥ For explanation of quality marks, see page 491



# ADVANCE X-FLEX MODULAR HARNESS SYSTEM



Professionals in forestry or at public authorities, and those in horticulture and landscaping, can work more effectively with the ADVANCE X-Flex modular harness system. Thanks to practical pockets and holders as well as additional accessories that can be easily and quickly attached to harnesses, many helpful items and tools are always within reach.



**NEW**  
AVAILABLE FROM SPRING 2024  
**ADVANCE X-FLEX  
HIP BELT**

Padded hip harness with suspension eyelets for shoulder harness and FS harness. With an attachment bar for securing pockets and holders using the STIHL clip system. Robust clasp housing made from aluminium. Stomach padding as an accessory for even more comfortable wear.

Size	Waist circumference	
Order number		
<b>S</b>	<b>78 - 127 cm</b>	<b>0000 710 9102</b>
<b>M</b>	<b>89 - 143 cm</b>	<b>0000 710 9103</b>
<b>L</b>	<b>98 - 177 cm</b>	<b>0000 710 9104</b>



**NEW**  
**ADVANCE X-FLEX  
HARNESS**

Slimline harness for carrying lighter loads and use in high temperatures. With suspension eyelets for the shoulder harness and attachment bar for securing pockets and holders using the STIHL clip system.

Size	Waist circumference	
Order number		
<b>S</b>	<b>78 - 127 cm</b>	<b>0000 798 2400</b>
<b>M</b>	<b>89 - 143 cm</b>	<b>0000 798 2401</b>
<b>L</b>	<b>98 - 177 cm</b>	<b>0000 798 2402</b>



**NEW**  
**ADVANCE X-FLEX  
SHOULDER HARNESS**

Complements the hip harness and belt for heavy loads. Very comfortable wear thanks to padding and adjustable harness length. It is easy to attach pockets and holders using the clip system. Large areas of high-visibility orange for good visibility.

Order number **0000 790 5801**

## ADVANCE X-FLEX POCKETS AND HOLDERS

**NEW**  
**UNIVERSAL POCKET**



For replacement chains, marker spray, replacement chalk, a multitool, drinks and other useful items.

Order number **0000 882 6100**

**NEW**  
**HOLSTER FOR  
CHALK HOLDER**



Secures chalk during transport and offers great freedom of movement while marking.

Order number **0000 881 1603**

**NEW**  
**MEASURING  
TAPE HOLDER**



Secures the measuring tape during transport and offers great unrestricted movement while measuring.

Order number **0000 881 0702**

**NEW**  
**FELLING WEDGE  
POCKET**



For two wedges of different sizes. Can each be removed independently.

Order number **0000 882 6200**

**NEW**  
**HOOKAROOON  
HOLDER**



Makes it easy to suspend tools by means of a snap closure.

Order number **0000 882 6300**

**NEW**  
**CALLIPER HOLDER**



Good freedom of movement thanks to angled securing, even with long callipers.

Order number **0000 882 6400**

**NEW**  
**RADIO POCKET**



Adjustable to different radios. Radio can also be operated in the pocket.

Order number **0000 882 6600**

**NEW**  
**STOMACH PADDING**



Can be attached to the hip harness. For even more comfortable wear.

**1 pair**  
Order number **0000 490 1800**

**NEW**  
**SECURING CLIPS**



For attachment to pockets and holders.

**2 units**  
Order number **0000 740 8800**

**NEW**  
**SMARTPHONE POCKET**



Suitable for many different smartphones. Easy removal thanks to an integrated loop.

Order number **0000 882 6700**



### INNOVATIVE STIHL CLIP SYSTEM

All pockets and holders in the ADVANCE X-Flex modular harness system can be easily and quickly attached to the harnesses thanks to the innovative STIHL-developed clip system, which uses metal clips. The pockets and holders come with the clips already equipped, though they can also be bought individually online. So you can even equip them to other pockets you already have, and clip them onto a harness or belt.

## PRUNING SAWS

For quick and precise sawing. Three-sided Japanese tothing, impulse hardened, chrome-plated steel, conical blade shape, ergonomic softgrip handle, corrosion-resistant, with holster that can be attached on either side of the belt; can be used comfortably with either the left or right hand.

With straight saw blade for all-purpose use in horticulture and landscaping.



**PR 24, 24 cm saw blade, 305 g, branch Ø up to 100 mm**  
Order number **0000 881 8701**

**PR 33, 33 cm saw blade, 370 g, branch Ø up to 150 mm**  
Order number **0000 881 8702**

With a curved saw blade for pressure-free sawing, including in tree maintenance work.



**PR 27 C, 27 cm saw blade, 358 g, branch Ø up to 120 mm**  
Order number **0000 881 8703**

**PR 33 C, 33 cm saw blade, 391 g, branch Ø up to 150 mm**  
Order number **0000 881 8704**

Made from tempered anti-corrosion carbon steel for very quick sawing, with smooth cut surfaces. Clustered teeth with clearing slots, curved beech handle.



**PR 32 CW, 32 cm saw blade, 230 g, branch Ø up to 150 mm**  
Order number **0000 881 4111**

## PR 16 FOLDING SAW

For quick and precise sawing. Three-sided Japanese tothing, impulse hardened, chrome-plated steel, conical blade shape, ergonomic soft handle, folding saw blade, corrosion-resistant.



**16 cm saw blade, 160 g, branch Ø up to 65 mm**  
Order number **0000 881 8700**



**FOR FURTHER ACCESSORIES SUCH AS SHARPENING SETS AND FILES FOR SAW CHAINS,**

SEE **FROM PAGE 140**

Ⓞ For explanation of quality marks, see page 491

## PLASTIC FELLING AND CUTTING WEDGES



Impact-resistant even at low temperatures. Polyamide, textured surface prevents the wedge from slipping out, in three lengths for medium and thick wood, enlarged wedge angle.

**19 cm**  
Order number **0000 881 2212**

**23 cm**  
Order number **0000 881 2213**

**25 cm**  
Order number **0000 881 2214**



## ALUMINIUM FELLING AND CLEAVING WEDGES



With narrow blades to effectively penetrate wood. Three versions for small, medium and large trunk diameters, serrated edge, milled groove, smooth wedge side for easy positioning of a second wedge in the felling cut, high-quality aluminium alloy.

**22 cm, 600 g**  
Order number **0000 881 2222**

**24 cm, 800 g**  
Order number **0000 881 2223**

**26 cm, 1,000 g**  
Order number **0000 881 2224**



## ALUMINIUM FELLING WEDGE

With tothing for an optimum grip on the wood.



**12×4 cm, 190 g**  
Order number **0000 881 2201**

## ALUMINIUM CHAINSAW WEDGE



Forged, with wood and ring.

**980 g**  
Order number **0000 890 9200**



## ALUMINIUM TWISTED SPLITTING WEDGE



Highly effective splitting action due to twist. Milled groove and retaining teeth for particularly good grip on frozen wood, forged for excellent stability combined with a very low weight, round striking surface.

**22 cm, 920 g**  
Order number **0000 881 2221**



## HAND HOOKAROON



For picking up and stacking firewood, small logs, and wood slices. Ash handle, German design.

**35 cm, 500 g**  
Order number **0000 881 2800**



## ALUMINIUM HOOKAROON



Enables ergonomic movement that's easy on your back when tackling small tree trunks and pieces of wood. High-quality aluminium alloy with a plastic handle. Additional hook at the end of the handle ensures a good grip.

**70 cm, 580 g**  
Order number **0000 881 2805**



## SWISS BUSH HOOK

Suitable for managing young growth and clearing low growth. Forged high-quality steel, with genuine leather handle.

**Total length 44 cm, blade length 32 cm, 650 g**  
Order number **0000 881 3400**



## FELLING LEVERS



For tipping the tree over the felling hinge in the intended direction. With a cant hook for turning logs. Made from a special steel alloy.

**76 cm, approx. 1,800 g**  
Order number **0000 881 2701**

**130 cm, approx. 3,400 g**  
Order number **0000 881 2700**

## FP 10 PULP HOOK



For lifting, transporting and piling up plywood. Comfort handle.

Order number **0000 881 4401**



## FZ 10 DRAG HOOK



For dragging logs, with a ground tip for hooking into logs more easily. High-quality, hardened steel, comfort handle.

Order number **0000 881 2907**



## FP 20 HAND LIFTING TONGS



For moving wood, with an angled comfort handle. Hardened tips.

**Opens to 20 cm**  
Order number **0000 881 3005**



Order number	Length (cm)	Head weight (g)	Axe handle material	Quality mark <sup>Ⓢ</sup>	Delimiting	Felling with an axe	Lighter/mid-range cleaving (kindling, 30 cm long, diameter up to 30 cm)	Mid-range/heavier cleaving work (35 cm long, Ø up to 50 cm)	Cleaving metre-length logs and heavy wood (with cleaving wedges if necessary)	Felling with a wedge (aluminium or plastic)
--------------	-------------	-----------------	---------------------	---------------------------	------------	---------------------	---	---	---	---

**CLASSIC**

**AX 6 FORESTRY HATCHET**

	0000 881 1969	40	600	Ash	-	+	-	+	-	-
---	---------------	----	-----	-----	---	---	---	---	---	---

**AX 10 FORESTRY AXE**

	0000 881 1971	60	1,000	Ash	-	++	+	+	-	+
---	---------------	----	-------	-----	---	----	---	---	---	---

**AX 16 S FORESTRY AXE**

	0000 881 1957	70	1,550 <sup>Ⓢ</sup>	Hickory		++	++	++	+	+
---	---------------	----	--------------------	---------	---	----	----	----	---	---

**CLEAVING AXES**  
Optimum cleaving results with minimum effort thanks to wedge-shaped head.

**AX 13 C CLEAVING HATCHET**

	0000 881 1914	50	1,250 <sup>Ⓢ</sup>	Ash		+	-	++	-	+
--	---------------	----	--------------------	-----	--	---	---	----	---	---

**AX 28 CS CLEAVING AXE**

	0000 881 2014	80	2,800 <sup>Ⓢ</sup>	Hickory		+	-	+++	+++	+
---	---------------	----	--------------------	---------	---	---	---	-----	-----	---

**CLEAVING HAMMERS**  
Forged hammerhead with reversible tip. Extra large striking surface for safer handling when driving in aluminium and plastic wedges.

**AX 30 C CLEAVING HAMMER**

	0000 881 2009	85	3,000	Ash	-	-	-	++	+++	+++
---	---------------	----	-------	-----	---	---	---	----	-----	-----

**AX 33 CS CLEAVING HAMMER**

	0000 881 2011	90	3,300 <sup>Ⓢ</sup>	Hickory		-	-	++	+++	+++
---	---------------	----	--------------------	---------	---	---	---	----	-----	-----

**LIGHT**

**AX 6 P FORESTRY HATCHET<sup>Ⓢ</sup>**

	0000 881 6801	37	640	Polyamide		++	-	+	-	-
---	---------------	----	-----	-----------	---	----	---	---	---	---

**AX 15 P FORESTRY AXE**

	0000 881 6701	73	1,450	Polyamide		++	++	++	+	-
---	---------------	----	-------	-----------	---	----	----	----	---	---

**AX 20 PC CLEAVING AXE**

	0000 881 6602	75	1,950	Polyamide		+	+	+++	++	+
---	---------------	----	-------	-----------	---	---	---	-----	----	---

+ Suitable    ++ Very suitable    +++ Extremely suitable  
 - Not recommended    Ⓢ Includes 300 g impact protection sleeve  
 Ⓢ A retrofittable replacement handle kit with impact protection sleeve is available for these hand tools - contact your STIHL dealer  
 Ⓢ With nail puller    Ⓢ For explanation of quality marks, see page 491

**FOREST TAPE MEASURES**

  
 Automatically self-retracting, metal casing.

Length	15 m
Order number	0000 881 0800
Length	20 m
Order number	0000 881 0804
Length	25 m
Order number	0000 881 0801

**LIGHT METAL TREE CALLIPERS**

  
 To determine the diameter of tree trunks. Robust design, calibrated.

Measuring length	60 cm
Order number	0000 881 0917

**LEATHER TOOL BELT**

  
 Extremely hard-wearing and long-lasting cowhide leather with approx. thickness of 3 mm. Double prong buckle.

Width	4 cm	Length	125 cm
Colour	●	Order number	0000 881 0602
	●	Order number	0000 881 0600

**ECO MARKER SPRAYS**

  
 High-quality, frost-resistant and environmentally-friendly long-lasting marking colour with an intensive, luminous pigment and opacity. The binding agent is 100% biodegradable, enduringly visible even on damp or frozen surfaces, practically odourless and extremely effective.

Spray can, 500 ml	
Colour	Order number
●	0000 881 1787
●	0000 881 1789
●	0000 881 1790
●	0000 881 1791
●	0000 881 1792
●	0000 881 1793
●	0000 881 7004

**PRO MARKER**

Marking chalk for dry and wet wood. Strong pigmentation, weather- and light-resistant, highly break-resistant.

Length 12 cm, 12 units per pack	
Colour	Order number
●	0000 881 1500
●	0000 881 1501
●	0000 881 1502
●	0000 881 1503
●	0000 881 1504

**CHALK HOLDER**

  
 Highly visible colour. Metal chalk clamp, impact-resistant and very sturdy plastic housing (ABS), for chucks 11-12 mm in diameter. Can be used with the holster for chalk holder in the ADVANCE X-Flex modular harness system

Order number	0000 881 1602
--------------	---------------



# BRANDSHOP



# SMALL PROFESSIONALS

## WOODEN CHILDREN'S WORKBENCH WITH WOODEN TOY

FSC-certified pine and MDF,  
Accessories included  
(Wooden tools, screws, etc.)



Dimensions  
approx. 59,5 x 29,5 x 94 cm  
(L x T x H)

Order number 0421 600 0144

## TOY BRUSHCUTTER WITH BATTERY



Order number 0420 460 0015

## TOY HIGH-PRESSURE CLEANER WITH BATTERY



Order number 0421 600 0145

## TOY CHAINSAW WITH BATTERIES



Order number 0421 600 0053

## NEW TOY CHAINSAW SPARE PART SET

Polyvinyl chloride (PVC), metal



Order number 0421 600 0207

## TOY BLOWER WITH BATTERY



Order number 0420 460 0016

## TOY HELMET



Order number 0420 460 0001

## CHILDREN'S WORK GLOVES



Black / Orange

Size	Order number
S (5 - 7 years)	0421 500 0804
M (7 - 10 years)	0421 500 0805
L (ab 10 years)	0421 500 0806

## NEW GARDENING SET »KIDS«

Varnished pine, coated metal



Dimensions  
approx. 70 cm, ca. 21 cm  
Order number 0421 600 0172

## NEW REPLACEMENT BATTERY FOR STIHL TOYS

Screws, ABS plastic



Order number 0421 600 0195



**HOW TO PLACE AN ORDER:**

Complete the order number (..) with your size.  
Please use the following two-digit numbers for this:

Men: S = ..48 / M = ..52 / L = ..56 / XL = ..60 / XXL = ..64 / XXXL = ..68

Women: XS = ..34 / S = ..38 / M = ..42 / L = ..46 / XL = ..50

Unisex: XS = ..44 / S = ..48 / M = ..52 / L = ..56 / XL = ..60 / XXL = ..64 / XXXL = ..68

**OUTDOOR BAG  
»STIHL«**

Body material: Ripstop polyester / polyester  
Lining material: polyester

Orange, grey, black  
Dimensions 30 x 50 x 20 cm  
(approx. 30 l)  
Order number 0421 600 0101

**NEW  
HOODIE  
»LEGENDARY«  
UNISEX**

60 % cotton, 40 % polyester

Grey  
Size XS - XXXL  
Order number 0421 400 27..

Orange  
Size XS - XXXL  
Order number 0421 400 28..

**NEW  
BOBBLE HAT  
»POMPON 24«  
UNISEX**

100 % polyacrylic

Black, orange, grey  
Size one size  
Order number 0421 600 0200

**NEW  
TUBE SCARF  
»BARK«  
UNISEX**

100 % polyester

Green, blue, grey  
Size One size  
Order number 0421 600 0205



# TECHNOLOGY HIGHLIGHTS IN DETAIL

## BATTERY POWER TOOLS

### Battery models

STIHL power tools that feature innovative battery technology are indicated by a battery symbol. By means of the added battery type designation, this symbol illustrates which of the various STIHL battery power systems each product belongs to. All batteries contain only selected lithium cells. The batteries can be fully recharged up to 2,500 times (applies to AP 500 S) with only a slight loss of capacity. The precise designation is based on the battery type and area of application as well as the type of battery build and performance.

**AI** Power tools in the AI-Line feature a built-in lithium-ion battery and are charged using mains voltage. For added convenience, the charge status can be displayed by means of several LEDs.

**AS** For models in the AS-System, a type AS lithium-ion battery is used across all power tools. For added convenience, at the push of a button the charge status is displayed by means of multiple LEDs on the power tool.

**AK** For devices in the AK-System, a replaceable AK lithium-ion battery can be interchangeably used in all power tools across the range. For added convenience, the charge status can be displayed by means of several LEDs.

**AP** The AP-System comprises very high-performance battery power tools for daily professional use, such as those used in landscaping, garden maintenance, and tree care. AP and AR L batteries, which are compatible with AP-System power tools, deliver additional power and long battery life. An overview of the batteries recommended for AP-System power tools can be found on pages 46–49.

### Battery quick-charge system

The charging process used in our quick chargers shortens the total charging time needed by up to 30% compared with a standard charger using the same charging current. The process also guarantees gentle charging without overloading the battery.

### Activation key



It is only possible to commission devices that have an integrated battery if you have an activation key. Removing the key shuts off the power supply to the power tool. The power tools can be cleaned, stored and transported in this state.

### STIHL EC technology



The brushless electric motor (EC) from STIHL is energy-efficient and almost wear-free thanks to features including the upstream STIHL EC electronics. As an intelligent switching centre, it detects the battery plugged into the tool at any point in time, and supplies the EC engine with the right power output for the battery. This ensures that the tool always has the optimum power output available – and does so consistently throughout the battery draining process.

### Use in the rain



All battery power tools from the STIHL AP-System have been designed for professionals and daily use, including in adverse weather conditions. All products bearing this symbol can therefore also be used in rain. Splashproof qualities are verified in complex and demanding internal testing.



STIHL battery power tools with this symbol are also additionally certified in accordance with the IPX4 protection class. The standard confirms that the products are resistant to water splashing from any direction, as already certified by internal testing.

Keep the batteries out of salty environments and away from contaminated liquids. Dry the battery and tool after use. In general, chargers should only be used in dry areas.

### Use without ear protection



Battery technology makes these tools ideal for noise-sensitive areas such as hospital gardens, parks and residential areas. Please note the information in the user manual.

## CHAINSAWS AND POLE PRUNERS

### PETROL-DRIVEN CHAINSAWS

#### Master control lever

All functions, such as start, run and stop, can be operated with just one hand.

#### Electrically heated handles



Electrically heated handles keep your hands warm, which means better grip and greater ease of use in winter. No-maintenance, wear-free heating strips in the front and rear handle can be activated via a switch as required to keep the handles warm and dry.

### Electric carburettor heating



The electrically heated carburettor with temperature-dependent on and off control prevents the carburettor from icing up in winter mode.

### Ergonomic handle design

Allows easy handling of the saw in any working position.

### Felling guide

Raised lines that act as a felling guide have been integrated into the chainsaw design for better directional control during felling.

### HD2 filter



The HD2 filter is made from polyethylene filter material with pores up to 70% finer than those in fleece and polyamide filters.

As a result, it even traps very fine dust. It is also oil- and water-repellent. The PET-covered round filter cartridge with quick-release lock enables the filter to be assembled and disassembled in next to no time, and without needing to use tools.

### Rear hand guard

Protects the user's rear hand from branches or saw chain parts in the event of breakage.

### Compensator

This keeps the fuel-air mix constant even when the air filter becomes increasingly dirty.

### Long-life air filter system

A STIHL chainsaw with long-life air filter system features both routing and an HD2 air filter. This arrangement means a significantly longer filter service life than in traditional filter systems. A long-life air filter system ensures a long service life for the engine and prevents premature wear to the pistons and cylinder, as well as protecting against contamination of the combustion air drawn in.

### Magnesium piston

In a world first, STIHL has built a magnesium piston into the MS 400 C-M. It weighs 20 g less than a comparable aluminium piston – corresponding to a weight reduction of 25% from this central component alone. The use of this lightweight material along with weight-minimised construction throughout means the MS 400 C-M has an engine weight of just 5.8 kilograms, resulting in a remarkable power-to-weight ratio of less than 1.5 kilograms per kilowatt. At the same time, the new component also gives the machine an extraordinarily high maximum speed, helping you make quick progress in your work, particularly when delimiting.

### Manual fuel pump



STIHL chainsaws and pole pruners with manual fuel pump feature an improved start-up sequence and require a reduced number of starting pulls.

Pressing the primer fills the carburettor control chamber with fuel. This ensures that there is sufficient fuel present to create an ignitable air-fuel mix on starting, requiring significantly fewer starting pulls.

### Controlled-delivery oil pump

Different bar lengths, wood types and work techniques require different amounts of oil. The controlled-delivery oil pump allows adjustment of the amount of oil based on exactly what is needed.

### Side-mounted chain tensioning



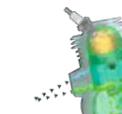
Side-mounted chain tensioning makes it easy to tension the chain.

### Plunge guide



For better directional control during plunge cutting jobs, raised lines that act as plunge guides have been integrated into the start-up mechanism design.

### STIHL 2-MIX engine



The STIHL 2-MIX engine is both powerful and economical. Separating the exhaust emissions from the unburnt gas minimises flushing losses, thereby increasing power output while reducing consumption.

### STIHL anti-vibration system



Precisely calculated buffer zones minimise the transfer of engine and saw chain vibrations to the front and rear handles. This causes the chainsaw to run significantly more quietly and enables strength-conserving, less fatiguing work.

### STIHL ElastoStart



Due to the compression pressure, jerky load peaks occur when starting combustion engines. The damping element in the STIHL ElastoStart special shock absorber grip alternately absorbs and releases force according to the compression pattern. The result is a smoother start.

### STIHL ErgoStart



A smooth pull on the starter cord tensions the spring against the compression pressure. Stresses caused by jerky movements are avoided. The spring delivers the stored energy to the crankshaft once the maximum compression pressure has been exceeded and the piston moves downwards again. The engine starts first time, allowing the starter cord to be pulled around two-thirds slower.

### STIHL Injection

Injection technology enables very easy operation. The combi-lever is no longer required – all the user needs to switch off the tool is a stop button. Fully electronic engine management with sensor-supported characteristic mapping guarantees outstanding engine performance and excellent acceleration in all usage conditions. The control unit uses real-time measurement to calculate the precise fuel quantity and ideal ignition timing. Fuel is injected directly into the crankcase by the injection valve. The unique combination of lightweight engineering and cutting-edge engine technology delivers the best power-to-weight ratio on the market, combined with a compact design.

### STIHL Quick Chain Tensioning



The saw chain can be tensioned quickly and easily simply by turning the adjusting wheel without the need for tools. Turn the adjusting wheel to the left to loosen the saw chain, turn it to the right to tighten the saw chain. The guide bar is automatically secured in place when the sprocket cover is re-tightened.

### STIHL M-Tronic



Fully electronic engine management regulates the ignition timing and fuel dosing in all operating states, taking into account external conditions such as temperature, altitude and fuel quality. It consistently ensures optimum engine performance, constant maximum engine speed and very good acceleration. No manual carburettor adjustment is necessary with M-Tronic. For a cold start STIHL M-Tronic only needs one start position on the combi-lever. After starting, you can immediately power up to full speed. The amount of fuel required is precisely calculated by the system and supplied as needed. Otherwise you start as usual in position I. M-Tronic also remembers the settings from the last time the tool was used. So when external conditions are the same, full engine performance is available immediately after you restart.

### Stop button function



After the machine is turned off, the control lever immediately moves back into its operating position. This allows a warm machine to be started again immediately.

### Transparent fuel tank

The transparent fuel tank enables you to check the fuel level quickly and easily without needing to open the tank lid to do so.

### Routing



Routing in STIHL chainsaws serves to pre-clean the air, thereby taking a significant strain off downstream filter systems. The intake air is first set into rotation by the fan. The larger and heavier particles that have also been picked up are propelled outwards in this process. The pre-cleaned air is then conveyed behind the fan wheel via the routing channel to the air filter, i.e. the HD2 air filter in the chainsaw. The routing process is easy to maintain and user-friendly, with no special care required.

### Tool-free fuel caps

Special caps allow you to open and close the tank caps quickly, easily and without tools.

## ELECTRIC CHAINSAWS

### Overload protection



In case of overload, the electric motor switches off automatically to protect against damage from overheating. On the MSE 141 to MSE 210 tools, an overload button is activated. If the knob is pressed after a short period of waiting, the machine can be restarted. The MSE 230 and MSE 250 have electronic monitoring for the engine temperature. If this temperature is too high, a red LED lights up, indicating the corresponding status. After approximately one minute, the engine has cooled again and the LED goes out. The chainsaw can be restarted.

## CUTTING ATTACHMENTS

### SAW CHAINS

#### Hardened rivets



Every rivet in a STIHL saw chain is induction-hardened, a process that alters the properties of the metal. The rivets therefore become harder and more resistant to wear.

#### Smooth joint borings

A special stamping technique is used to give STIHL link openings a mirror-smooth finish. This improves the running properties of the chain and increases service life.

#### Hard chrome coating



All STIHL chainsaw teeth are made of special steel. A chrome coating is galvanised onto the cutter top plates for high resistance against wear. This means the teeth stay sharp for longer.

**Stretching**

The final production step for every STIHL saw chain involves exposure to a high and constant tensile load. This "stretching" process minimises any subsequent elongation of the chain during first use, as well as increasing its durability and minimising wear and tear.

**STIHL Oilomatic lubrication system**

Narrow oil channels in the saw chain links funnel chain lubricant directly into the wearing joints of the chain. Recesses in which chain lubricant can collect are stamped into both ends of the drive links. This allows better distribution of the oil over the sliding surfaces of the guide bars and improves lubrication by 10% as compared to tools without recesses on both sides.

**GUIDE BARS****Replaceable bar nose**

Should the bar nose wear out, it can be easily replaced entirely including the roller bearings (on Rollomatic ES and Rollomatic ES Light guide bars).

**Lightweight guide bars**

STIHL Light PO4 and Rollomatic ES Light lightweight guide bars each use a different construction. The Light PO4 guide bars are made of electrically welded steel plates, extensively hollowed out and filled with fibreglass-reinforced polyamide. This makes the bars particularly light. In Rollomatic ES Light bars, the spaces are cut out and then welded using a special laser process. This produces an extremely stable hollow body with a rigid outer structure and substructure. Both designs offer appreciable savings in weight and improved chainsaw balance. Your chainsaw's centre of gravity shifts towards your body, noticeably reducing the load on your spine.

**Bar length**

The actual cutting length is shorter than the specified bar length and varies depending on the chainsaw model.

**STIHL Ematic System**

Compared to conventional cutting attachments without Ematic, the STIHL Ematic system reduces the consumption of chain lubricant by up to 50%, depending on the type of wood and the cutting attachment used. The system comprises a STIHL Ematic or Ematic S guide bar, a STIHL Oilomatic saw chain and a variable-flow or reduced-flow oil pump in the chainsaw. It results in virtually every drop of chain lubricant being delivered to precisely where it's needed.

**Sprocket nose with sealed roller bearings**

The sealed bearings keep out dirt and grime. Less maintenance is required because the included lubrication lasts for the entire service life of the guide bar. This increases the service life of the bearings by up to 80% as compared to open bearings with an oil hole. The sprocket nose is replaceable.

**HEDGE TRIMMERS AND LONG-REACH HEDGE TRIMMERS****Screw-on tip protector**

This T-shaped component made from sheet steel is attached to the end of the cutter bar with two screws. It protects the blade from contact with the ground or wall and can be replaced easily if it becomes worn.

**Lightweight gear system**

Magnesium is an important material in STIHL chainsaws. It is around a third lighter than aluminium and features high strength in relation to its weight. Compared to other metals, magnesium lends itself particularly well to highly precise die-casting, for use in engine casings, for example. This makes it just the right material from which to design and manufacture a lightweight yet robust transmission unit. It can also be recycled - worn-out parts can be melted down and reused with no loss of quality.

**Manual fuel pump**

STIHL petrol hedge trimmers and long-reach hedge trimmers with manual fuel pumps are easier to start, as they require fewer pulls on the starter cord.

Pressing the primer fills the carburettor control chamber with fuel. This ensures that there is sufficient fuel present to create an ignitable air-fuel mix on starting, requiring far fewer starting pulls.

**STIHL ErgoStart**

A smooth pull on the starter cord tensions the spring against the compression pressure. Stresses caused by jerky movements are avoided. The spring automatically releases the stored energy to the crankshaft, starts it moving and ensures that the engine will start reliably. This allows the starter cord to be pulled two-thirds slower.

**Tool-free fuel caps**

Special caps allow you to open and close the tank caps quickly, easily and without tools.

**HEDGE TRIMMERS****Rotating multi-function handle**

The rotating control handle allows an optimum grip position for every job - for simple and reliable operation.

**Pruning version (R), HS 82 R and HSA 130 R**

For extensive pruning or clearing of large, thick hedges:

- Wide tooth spacing
- Large teeth
- Gear ratio coordinated for high cutting power

**Trimming version (T), HS 82 T and HSA 130 T**

For perfect trimming and contouring:

- Narrow tooth spacing
- Small teeth
- Gear ratio tailored for a high stroke rate

**LONG-REACH HEDGE TRIMMERS****Shaft lengths as needed**

Long-reach hedge trimmers with long shafts are primarily used for high and wide hedges. The shorter K versions with extended shaft handle are handy tools for working on hedges that are low to the ground.

**STIHL ECOSPEED**

With the STIHL ECOSPEED function, you can use your long-reach hedge trimmer in a more economical operating mode. Simply turn the wheel to the minus position to reduce the maximum engine speed. This keeps your long-reach hedge trimmer running at part throttle; however, despite this limited setting, you can shift to full throttle when necessary by pressing the throttle lever. Operating at part throttle reduces fuel/energy consumption and means you can work for much longer on one tank of fuel or a single battery charge.

**Quick-release cutter bar adjustment system**

The cutter bar can be adjusted in two directions by up to 130° (HL 91), up to 145° (HL 94, HLA 135), up to 115° (HLA 66, HLA 86), up to 135° (HLA 56), up to 125° (HLE 71), and can also be folded and locked parallel to the shaft for transport.

**Loop handle**

The compact loop handle is made from durable black plastic. The nearly 180° curve makes it possible for the handle to be adjusted to different positions, particularly when working in areas where space is limited.

**KOMBISYSTEM AND MULTISYSTEM****Automatic decompression**

The decompression system reduces the compression pressure and thereby also the effort required to pull the starter cord, so the engine can be started more easily.

**Loop handle (R) with barrier bar**

The barrier bar on the loop handle prevents feet and legs from coming too close to the moving blades or mowing heads.

**Quick-release coupling with tommy screw**

The innovative quick-release coupling feature enables all KombiEngines and KombiTools to be quickly separated and reassembled - no tools required.

**CONCRETE CUTTERS AND CUT-OFF MACHINES****STIHL 2-MIX engine**

The STIHL 2-MIX engine is both powerful and economical. Separating the exhaust emissions from the unburnt gas minimises flushing losses, thereby increasing power output while reducing consumption.

**STIHL ElastoStart**

Due to the compression pressure, jerky load peaks occur when starting combustion engines. The damping element in the ElastoStart special shock absorber grip alternately absorbs and releases force according to the compression pattern. The result is a smoother start.

**CONCRETE CUTTERS****Rubber guard**

When cutting walls, this large rubber guard protects the engine casing when the guide bar is fully submerged.

**CUT-OFF MACHINES****Electronic water control**

The user can activate the electronic water control system by pressing a button while the engine is running. The water switches itself on and off as you cut, on a speed-controlled basis. The water volume can be regulated by simply pressing the plus/minus buttons. The result: perfect dust suppression at the push of a button. The memory function ensures that after the engine is restarted, the same amount of water is automatically supplied as was set for your most recent application. Users can restart work immediately without having to apply any settings, even after long breaks.

**Semi-automatic belt tensioning**

Gentle, consistent re-tensioning increases the service life of the belts and bearings.

**Long-life air filter system with cyclone air routing**

The innovative cyclone routing system means no more daily filter cleaning and an extremely long filter service life. It ensures that, even during the first filtering stage, approximately 80% of dust particles in the air are removed. Unlike conventional systems, these particles do not collect in the foam filter, but are separated by the cyclone routing system and vented back into the outside air.

**Quick-mounting system**

This system allows for quick and easy mounting and dismounting of the cut-off machine on the STIHL cart. No tools are required.

**Protection segments in abrasive cutting wheels**

When cutting asphalt, the protection segment protects the other segments from excess wear affecting the laser weld that joins the segments to the steel blade. In addition, the protection segments prevent uneven wear to the left and right of the segments, meaning that the cutting wheel is prevented from jamming when cutting.

**STIHL Injection**

Injection technology enables very easy operation. The combi-lever is no longer required - all the user needs to switch off the tool is a stop button. Fully electronic engine management with sensor-supported characteristic mapping guarantees outstanding engine performance and excellent acceleration in all usage conditions. The control unit uses real-time measurement to calculate the precise fuel quantity and ideal ignition timing. Fuel is injected directly into the crankcase by the injection valve. The unique combination of lightweight engineering and cutting-edge engine technology delivers the best power-to-weight ratio on the market, combined with a compact design.

**Tool-free fuel cap**

The fuel cap is easy to open with a press and turn motion even when wearing gloves. Thanks to its design and the double seal, the fuel cap cannot be opened accidentally and dirt particles cannot get into the fuel tank.

**STIHL QuickStop cutting wheel brake**

If the operator uses enhanced guard adjustment during cutting, the cutting wheel can be accessed at the top. In this working method, the user is supported by the STIHL QuickStop cutting wheel brake. If sufficient resistance results in kickback, the cutting wheel is stopped in a fraction of a second, triggered by a sensor.

**Cutting depth adjuster**

This allows for precise adjustment of the cutting depth from the upper handlebar.

**ROBOTIC MOWERS, PUSH MOWERS AND AERATORS****PUSH MOWERS****Blade-brake coupling**

Blade-brake coupling is used in the top-of-the-range petrol-driven lawn mower models. It uncouples the blade from the engine in such a way that the lawn mower drive can be used without the blade operating. The grass catcher box can also be emptied without the engine needing to be restarted. In addition, blade-brake coupling guarantees effective crankshaft protection.

**Comfort handlebar**

Comfort handlebars can be adapted to different user heights with no need to use tools, enabling ergonomic working. The foldable stem of the handlebar means that lawn mowers with this feature can be transported more easily and take up less space for storage. This special design also makes it easy to remove the grass catcher box.

**Multi-blade**

The shape of the multi-blade enables cuttings to be simultaneously caught, ejected, or mulched - meaning it's no longer necessary to change the blade. The blade shreds the grass and passes it on in an air stream or - for mulching - distributes it evenly over the green area.

**Fill-level display**

The airflow generated by the blade raises the fill-level display. If the basket is full, the airflow stops. If there is too little airflow, the fill-level indicator returns to an idle state, indicating that the collection box needs to be emptied. The fill-level indicator will only work without restriction if there is optimum airflow. External influences such as wet, dense or tall grass, low cutting levels, dirt or similar may restrict the airflow and prevent the fill-level display from functioning properly.

**Super-soft handle**

With its pleasant feel, the ergonomic super-soft handle ensures a comfortable mowing experience, while also preventing signs of fatigue.

**Vario wheel drive**

The speed of the wheel drive can be adjusted regardless of the engine speed, meaning that the cutting and catching performance remain constant. The drive features infinitely variable adjustment, controlled via a lever on the bar or on the comfort handlebar.

## RIDE-ON MOWERS

**Torsional vibration dampener**

The torsional vibration dampener reduces the level of vibration that occurs – not only on the seat but also on the steering wheel and the footboard.

 **BRUSHCUTTERS AND CLEARING SAWS****Automatic decompression**

The decompression system reduces the compression pressure and thereby also the effort required to pull the starter cord, so the engine can be started more easily.

**STIHL ECOSPEED**

With the STIHL ECOSPEED function, you can use your clearing saw in a more economical operating mode. Simply turn the wheel to the minus position to reduce the maximum engine speed. This keeps your clearing saw running at part throttle; however, even from this limited setting you can shift to full capacity when necessary by pressing the throttle lever. Operating at part throttle reduces fuel/energy consumption and means you can work for much longer on one tank of fuel or a single battery charge. The centrifugal force is also noticeably lower when running at part throttle compared to full throttle, making the power tool easier to control.

**Ergonomic bike handle (mowing handle)**

The bike handle enables a natural sweeping movement when mowing and is always the best choice for mowing larger areas. When combined with the ADVANCE PLUS universal harness, ADVANCE PLUS forestry harness or the ADVANCE X-FLEX modular harness system (page 272) and the appropriate tool, mowing becomes even easier.

**Mowing lines**

Mowing lines are available in different shapes and strengths for different applications. Some of our mowing lines feature a spiral groove which makes them quieter than conventional round mowing lines. The indentations in the surface of the line interrupt the otherwise uniform air stream. This generates turbulence, so the whistling effect is reduced and mowing becomes considerably quieter.

**Bike handle adjustment**

The central clamp facilitates easy, tool-free adjustment of the ergonomic bike handle to the user's height. The handle can be rotated by 90°, making it more compact for transport and storage.

**STIHL 2-MIX engine**

The STIHL 2-MIX engine is both powerful and economical. Separating the exhaust emissions from the unburnt gas minimises flushing losses, thereby increasing power output while reducing consumption.

**STIHL 4-MIX® engine**

The STIHL 4-MIX® engine uses the standard petrol-oil fuel mixture ratio (50:1). The petrol-oil mix is distributed throughout the engine via a bypass channel in the cylinder head, ensuring comprehensive lubrication. This mix-lubricated system avoids the need for components such as an oil pump, sump and oil tank.

**STIHL ElectroStart**

Enables users to restart the power tool quickly and easily while wearing on their back, with the push of a button at temperatures above 0°C.

**STIHL M-Tronic**

Fully electronic engine management regulates the ignition timing and fuel dosing in all operating states, taking into account external conditions such as temperature, altitude and fuel quality. It consistently ensures optimum engine performance, constant maximum engine speed and very good acceleration. No manual carburettor adjustment is necessary with M-Tronic. For a cold start STIHL M-Tronic only needs one start position on the combi-lever. After starting, you can immediately power up to full speed. The amount of fuel required is precisely calculated by the system and supplied as needed. Otherwise you start as usual in position I. M-Tronic also remembers the settings from the last time the tool was used. So when external conditions are the same, full engine performance is available immediately after you restart.

 **POWER TILLERS****Anti-vibration system**

The anti-vibration system is integrated into the bar fixing. It reduces vibrations on the bar, which also means that less effort is required when guiding the tool.

**Shredder blades**

The shredder blades have a specially developed shape and dig over the ground as efficiently as possible in an optimised engagement sequence.

 **EARTH AUGER****Multi-function handle**

The ergonomically shaped multi-function handle is built into the handle frame on the earth auger. The stop button, idle and throttle cable can be operated with one hand.

**QuickStop drill brake**

If the drill jams in the ground, the QuickStop drill brake is engaged by the user's thigh and stops the drilling tool immediately. It also acts as a reverse rotation lock. A jammed drill can be easily removed from the drill hole by turning it in a counter-clockwise direction.

**STIHL 4-MIX® engine**

The STIHL 4-MIX® engine uses the standard petrol-oil fuel mixture ratio (50:1). The petrol-oil mix is distributed throughout the engine via a bypass channel in the cylinder head, ensuring comprehensive lubrication. This mix-lubricated system avoids the need for components such as an oil pump, sump and oil tank.

 **MISTBLOWERS AND SPRAYERS****Spray guard**

- Shields the spray jet from wind and prevents drift (e.g. into neighbouring crops)
- Specially for targeted spraying in densely planted vegetation
- Strain on the user is also reduced
- The spray jet is shaped the same as without a spray guard
- Spray angle of 80°

**Dual nozzle**

- Efficient spraying of larger areas
- Two nozzles that can be individually adjusted
- Makes simultaneous treatment of two rows with plant protection agents possible
- Spray angle of 85° attainable

**Wide brass spray bars**

- Use on large areas
- Get your work done more quickly with a larger working width.
- With three brass fan jet nozzles
- Each nozzle discharges at a spray angle of 80°, for even and comprehensive distribution of plant protection agents/fertilisers
- Width of 100 cm

**Fan jet nozzle**

- For spraying large areas and rows
- Suitable for flowerbeds as well as fruit and vegetable growing in greenhouses and gardens
- Ideal for spraying large areas with insecticides, herbicides and fungicides

**Hollow cone nozzle**

- For spraying bushes, trees and individual plants
- Perfect for applying insecticides, herbicides and fungicides to individual garden plants
- The nozzle allows you to spray plants and leaves from above or below

**Adjustable nozzle**

- Can be adapted to changing conditions and different applications
- The spray angle can be variably adjusted, from full jet (0°) to hollow cone (90°)

**Full cone nozzle**

- For treating individual plants
- Ideal for fine dosing e.g. of wild animal bite deterrents or herbicides
- Suitable for applying release agents in the construction industry

**STIHL anti-vibration system**

The STIHL anti-vibration system reduces the amount of engine vibrations transmitted to the harness. This reduces the strain on the user's back muscles.

 **CLEANING SYSTEMS**

## BLOWERS

**Catalytic converter**

Significantly reduces the amount of pollutants in the exhaust emissions.

**Manual fuel pump**

STIHL blowers with manual fuel pumps allow improved starting with a reduced number of starting pulls. Pressing the primer fills the carburettor control chamber with fuel. This ensures that there is sufficient fuel present to create an ignitable air-fuel mix on starting, requiring far fewer starting pulls.

**STIHL ElastoStart**

Due to the compression pressure, jerky load peaks occur when starting combustion engines. The damping element in the STIHL ElastoStart special shock absorber grip alternately absorbs and releases force according to the compression pattern. The result is smooth, even starting.

**STIHL ElectroStart**

Enables users to restart the power tool quickly and easily while wearing on their back, with the push of a button at temperatures above 0°C.

## VACUUM SHREDDER

**Star-shaped shredder**

The star-shaped shredder made of high-quality steel ensures reliable shredding of cuttings in the SH 56, SH 86 and SHA 56.

## SWEEPING MACHINES

**The STIHL MultiClean represents a clever sweeping system.**

The circular brushes brush up debris in front of the sweeping machine before it can get caught underneath.

## HIGH-PRESSURE CLEANER

**Aluminium telescopic handle**

The aluminium telescopic handle can be retracted for easy transportation and to save storage space.

**Anti-twist coupling**

Prevents the high-pressure hose from twisting. This means its full length can always be used.

**Double lance holder**

For easy storage of both spray lances with fan jet nozzle and rotary nozzle on the tool.

**Fold-out front cover**

The integrated nozzle holders under the front cover provide a dirt-free storage place for rotary and fan jet nozzles. This also ensures quick access to both nozzles when needed.

**Pressure gauge**

With the pressure gauge, you can always see the current operating pressure.

**PLUS models**

Design variants with "PLUS" in the model name have an integrated hose reel for convenient and safe storage of the high-pressure hose. The crank handle can be folded in for transport and storage.

**Detergent measuring system**

The measuring system allows you to conveniently add the correct quantity of cleaning agent to the water. This is both eco-friendly and very economical. All models with a detergent tank can also be connected to external detergent tanks for the supply of detergent.

**Safety shutdown**

If a high-pressure cleaner is switched on but has not been used for 30 minutes, the safety shutdown feature automatically disconnects it from the power supply.

**Flat textile hose with holder**

Lighter and more flexible low-pressure hose for connecting the high-pressure cleaner to a tap. Using the holder supplied, the flat textile hose can be easily rolled and unrolled and compactly stored directly on the machine. This means the high-pressure cleaner is quickly ready for use.

## WET/DRY VACUUMS

**Adapter for power tool use**

This adapter allows the electric power tool to be directly connected to the vacuum hose. Dust and dirt is then vacuumed up immediately while sawing or grinding.

**Stainless steel handle with quick-release coupling**

The standard quick-release coupling makes it possible to quickly and easily attach the suction hose to the handle.

**Multiple filter system**

An even higher degree of filtration is achieved by combining the filter bag and filter element.

**Delayed shutdown**

If the vacuum is switched on via the automatic switch-on function, it will continue running for a brief period after the electric power tool has been turned off. This ensures that any remaining grit and shavings are removed from the hose.

**Soft start-up**

The soft start-up limits the initial current when the vacuum is switched on, which increases the engine's service life.

 **WATER PUMPS****STIHL EHC engine**

STIHL water pumps are equipped with powerful and reliable STIHL EHC 4-stroke petrol engines.

**Oil shortage protection sensor**

As soon as the oil level falls below what is required for safe operation, the engine switches off automatically.

**Anti-vibration system**

Vibration dampers attached in straight lines on the engine as well as on the flange of the pump housing reduce mechanical tension on the entire power tool and ensure quiet running characteristics, even at high engine speeds.

 **GARDEN SHREDDERS****BRS turning technology**

The rotational direction of the shredder blades can be changed using a dial. When turning clockwise, the tool deals with hard shreddable material such as branches; while the powerful blades that work in the anti-clockwise direction convert soft green waste into compostable matter. Handling different shreddable materials in this way effectively protects the blades.

 **PERSONAL PROTECTIVE EQUIPMENT (PPE)****Regulation (EU) 2016 / 425 -****safe personal protective equipment**

STIHL PPE products fulfil the health and safety requirements of Regulation (EC) 2016 / 425. PPE products are divided into 3 risk categories:

Category 1: PPE for protection against minimal risks

Category 2: PPE for protection against risks that are not covered by category 1 or 3

Category 3: PPE for protection against risks that may cause very serious consequences such as death or irreversible damage to health

Category 3 PPE products, which include ear protection as well as products with cut protection, are subject to annual monitoring by the notified body (the identification number follows the CE marking).

**EN ISO 11393 Cut protection**



STIHL cut protection clothing is mostly made from cut protection materials developed exclusively for STIHL. STIHL cut protection clothing is tested by the very prestigious European SMP or KWF testing institutes. The cut protection material is light, breathable and features several layers. If the saw chain penetrates the top layer, bundles of fibres are ripped out and will block the sprocket. This stops the chain and dramatically reduces the risk of injury. STIHL cut protection products are identified in this catalogue by the following icons:



tested in accordance with EN ISO 11393



tested based on EN ISO 11393

**Important note:**

Personal protective equipment cannot provide absolute protection from injury. Nor is it a substitute for safe working practices. It is therefore essential to follow the instructions in the user manuals for both personal protective equipment and the relevant power tool, as well as the applicable national accident prevention regulations.

**Cut protection areas on cut protection clothing**

The cut protection areas on cut protection clothing are represented by the following icons in accordance with EN ISO 11393. There are a number of different cut protection classes (the specified chain speed is only one parameter involved in testing in accordance with EN ISO 11393 and does not necessarily correlate with a hand-held chainsaw operated at the same chain speed):  
 Cut protection class 0 (16 m/s)  
 Cut protection class 1 (20 m/s)  
 Cut protection class 2 (24 m/s)  
 Cut protection class 3 (28 m/s).  
 The KWF recommends cut protection class 1 for forestry work performed by trained individuals. This also includes those who collect firewood themselves having successfully completed a chainsaw operator course.

An overview of the key product features can be found on page 432.

Design A Design B Design C



Front/back

Design B



Complete front section with cut protection, back section arm only and up to the shoulder.

**Cut protection areas on chainsaw boots**



**Cut protection areas**

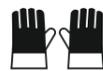
**on cut protection gloves EN ISO 11393**

Type 1: cut protection material in the left and right glove to protect against cuts with a chainsaw

Type 2: cut protection material in the left glove to protect against cuts with a chainsaw; no cut protection material in the right glove



Shape/ design A: see figure



Shape/ design B: see figure

**EN ISO 20471 High-visibility clothing**

This standard specifies the minimum surface area for high-visibility colour (for visibility during the day) and retro-reflective strips (for visibility at night) and categorises these into three classes, where class 3 represents the highest visibility. Wearing a jacket and trousers together raises the class by increasing the amount of high-visibility colour and reflective strips. Example:



2 = High visibility colour and retroreflective material: here EN ISO 20471 class 2

**EN 343 rain protection**

STIHL outdoor wear provides protection against rain and wind when working outdoors, and is comfortable to wear because the material allows evaporated sweat to pass through it. EN 343 specifies two parameters: water resistance (top number) and water vapour permeability (bottom number). Both are assessed into 4 levels, where class 4 is the most waterproof. The seams are watertight. Example:



X = water resistance

X = water vapour resistance

**UV protection**



UV protection factor (UPF) indicates how much longer a user wearing the rated sun protection textiles or UV protection clothing can stay out in the sun without risking skin damage. The UPF is comparable to the sun protection factor (SPF) used in the classification of sunscreen. For example, a person with skin type 1 wearing UPF 20 fabric clothing can stay exposed to the highest possible intensity of sunlight for 20 times as long, without experiencing skin damage. The scale used by the EN 13758-2 standard has a maximum protection level of UPF 40. However this is exceeded by the UV Standard 801 scale.

**SNR value**

Single Number Rating describes the protective effect of ear protection products. This is a number rating determined across all relevant frequencies. The higher the SNR value, the better the noise reduction. The M noise reduction value is crucial for STIHL power tools.

**HAND TOOLS AND FORESTRY ACCESSORIES**

**Anvil cut**

The cutting blade makes direct contact with the wide counterblade. The wide counterblade is therefore called the "anvil". Lateral forces are barely utilised, meaning that straight, dead and hard wood can be very easily cut through. With soft, fresh cuttings, the underside of the bark can be pulled out before cutting.

**Bypass cut**

With this principle, the blade and anvil pass flush against each other during cutting. The cut created in this way is consistently flat, without crushing the cuttings. The bypass cut should generally be preferred for green cuttings. Due to the comparatively high level of force required for cutting, trimmers with an anvil cut should be used when working for extended periods with harder wood.

**Impact protection sleeve and bolted safety plate**

The handle and head form an inseparable unit thanks to the combination of the long steel handle protection sleeve, ring wedge, safety plate and safety screw. The result is an extremely stable joint with excellent advantages:

- Long tool service life - which means excellent value for money
- Outstanding work safety

# EXPERIENCE STIHL QUALITY - ONLINE



**THE STIHL APP**

Mobile, interactive and up-to-date: the free STIHL app is a universal tool for when you're out and about. Benefit from valuable expertise and services relating to the STIHL product range. Practical tools such as an interactive user manual for your new STIHL product, mixture calculator for determining the perfect mixing ratio of petrol to oil, and even an intuitive dealer search are mobile assistants that will make your day-to-day life easier.

**THE STIHL NEWSLETTER**

Subscribe to the STIHL newsletter. We will provide you with detailed information on new STIHL products, tips and tricks for using our products, offers on our power tools, inspiration for your outdoor work, and much more.



**STIHL ON SOCIAL MEDIA**

Visit us on **Facebook**

Discover our STIHL **YouTube channel**

Information and fascinating articles can be found at **stihl.com**

Follow us on **Twitter, Instagram, and Pinterest**



# STIHL IN-STORE

Whether for sawing, mowing, trimming, cleaning or cutting – all kinds of users appreciate the uncompromising quality and reliability of STIHL products. And to make sure STIHL continues to deliver complete satisfaction, our products are only available in our online shop at [stihl.com](http://stihl.com), as well as from your local STIHL dealer.

## Your STIHL dealer

Whether advice, instruction or service, you're always in good hands with your STIHL dealer. Qualified employees will be happy to advise you in selecting the power tool that is ideal for your needs, give you valuable tips for proper use, and offer professional service, ensuring your STIHL power tool remains a pleasure to use.

## Genuine parts from STIHL

Maximum reliability, even in extreme conditions, is a hallmark of STIHL power tools. If anything should ever go wrong with your power tool, STIHL customer service has the genuine STIHL spare parts on hand that will significantly enhance the performance, safety, and service life of your STIHL power tool. **STIHL stocks original spare parts for at least 10 years after a chainsaw or power tool has been discontinued.** So buying STIHL is always a great long-term investment. Original spare parts can be identified by the STIHL logo or the stylised "S" parts symbol.

## STIHL quality control

Stringent quality requirements are applied in all areas of the company to ensure the high standards of STIHL power tools. STIHL complies with the globally applicable ISO 9001 and ISO 14001 standards for comprehensive quality and environmental management. We are constantly developing and enhancing our entire range, which is why the design, technology and features of our products are subject to change.

## For your safety

If not used in the approved manner, all our products can cause harm to the user or other people, animals and objects in the immediate vicinity. It is therefore essential to carefully read the entire user manual before starting and/or using a product for the first time, and to follow the safety instructions.

## Brand protection

Delivering quality and safety for our customers is of the utmost importance to us. Our products are therefore protected by the following registered trademarks of ANDREAS STIHL AG & Co. KG:

STIHL logo



STIHL spare parts logo



The orange / grey



## STIHL PRODUCTS ARE REGULARLY TESTED BY GERMAN AND INTERNATIONAL INSTITUTIONS.

We undertake these examinations because we view them as the logical continuation of our own testing programme. Assessments by these third parties are of huge importance to us – not least because they give our customers real peace of mind. The institutions confirm the high quality standards and exemplary technologies of STIHL products by awarding us quality marks. More comprehensive information regarding our compliance with Dir. 2002/44/EC (Vibration) is available at [www.stihl.com/vib](http://www.stihl.com/vib).

## EXPLANATION OF QUALITY MARKS

The test conditions for the quality marks can be viewed on the web pages indicated:



We voluntarily submit our products to recognised testing authorities for safety testing. The GS mark confirms which authority carried out the inspection, such as TÜV. For more information visit [www.tuv.com/gs-zeichen](http://www.tuv.com/gs-zeichen).



DLG certification involves a comprehensive Utility Value test being conducted by the DLG, based on independent and recognised assessment criteria for agricultural products. A machine or system that is DLG-certified in its entirety has been assessed as neutral in terms of its key characteristics. For more information, visit [www.dlg.org](http://www.dlg.org).



The Board of Trustees for Forestry Work and Technology (Kuratorium für Waldarbeit und Forsttechnik e.V.) awards the "KWF Pro" mark (previously "KWF Utility Value test mark") to technical forestry equipment that meets the high standards required for professional forestry applications in relation to efficiency, safety, ergonomics and environmental sustainability. The "KWF standard" certification mark is used for products that are not suitable for forestry use, e.g. in agriculture, landscaping or for those who collect their own firewood. Products with specific technical features that have been successfully tested receive the blue "KWF test" mark. For more information, visit [www.kwf-online.de](http://www.kwf-online.de).



PEFC ("Programme for the Endorsement of Forest Certification Schemes") is a transparent and independent system for ensuring sustainable forest management. When a product made from wood bears the PEFC label, it means that the entire production process for that item – from the raw material to the ready-to-use end product – is certified, and checked by independent experts. For more information, visit [www.pefc.de](http://www.pefc.de).



The European Eco-Label was introduced in 1992 and is recognised by the European Commission, all member states of the European Union and the European Economic Area. For European consumers, the "flower" symbol indicates a high-quality, environmentally-friendly product that has been tested by independent national institutes in each of the member states. For more information, visit [www.eu-ecolabel.de](http://www.eu-ecolabel.de).



ECOCERT Greenlife certifies ecological washing and cleaning agents in accordance with the ECOCERT "Natural detergents" standard. For more information, visit [www.ecocert.com](http://www.ecocert.com).



All GORE-TEX® shoes and clothing bear the Guaranteed to Keep You Dry™ promise, which means they are guaranteed to remain waterproof, windproof and breathable throughout the life of the product. For more information, visit [www.gore-tex.de](http://www.gore-tex.de).



Products with the OEKO-TEX® label are made exclusively from textiles which have been tested and certified in accordance with OEKO-TEX® Standard 100. OEKO-TEX® Standard 100 is a worldwide testing and certification system for textiles, and it can be applied to raw materials, intermediate products and end products. The toxicity tests check for prohibited and regulated substances, as well as chemicals that are potentially hazardous to health. For more information, visit [www.oeko-tex.com](http://www.oeko-tex.com).



This symbol appears on certified cut protection clothing as well as gloves and shoes for users of hand-guided chainsaws in accordance with EN ISO 11393 and EN ISO 17249.



This indicates high-visibility clothing tested in accordance with EN ISO 20471.

## GENERAL INFORMATION

1. This catalogue is valid as of 1 January 2024.
2. This catalogue supersedes all previous catalogues.
3. Some products – especially accessories – are not available in all countries or are only available on request.
4. Data and illustrations contained in this catalogue are without obligation.
5. We reserve the right to make changes in technology, form and equipment.

STIHL warns about imitations:

[www.stihl.com/piracy](http://www.stihl.com/piracy)

[www.stihl.com](http://www.stihl.com)



**FOR FURTHER INFORMATION AND ADVICE:**



0463 931 0123, M8.6, L23, Konradin. Printed in Germany © ANDREAS STIHL AG & Co. KG 2023. Printed on PEFC-certified paper. The PEFC certificate (Programme for the Endorsement of Forest Certification Schemes) represents sustainable forest management with the goal of ensuring that forest ecosystems remain intact for future generations. Independent certification bodies monitor compliance with specifications for the forestry seal. Companies that use PEFC-certified paper demonstrate their commitment to the environment and their responsible attitude towards wood – an invaluable raw material. For further information, visit [www.pefc.de](http://www.pefc.de).