Ready for any challenge.
STIHL battery power.

For professionals and hobby gardeners
Like it was made for you.

Whether in your own garden or in professional use, with battery technology from STIHL you can master any challenge, stress-free. The new cordless tools offer strong performance, as well as being quiet and surprisingly easy to use. What’s more, all STIHL products not only provide the perfect blend of power and ergonomics, but are also built based on the experience we have gained in more than 90 years of building power tools. And that’s why more and more users rely on battery power – made by STIHL.
Powerful yet quiet

Technology that inspires

- Powerful lithium-ion batteries
- Highly efficient due to perfectly matched components
- Innovative EC motor for consistently high performance

Quality that pays

- High-quality cordless technology and components, which hold over 90 years of experience in motor engineering
- First-class workmanship and excellent durability according to STIHL professional standards

Versatile enough to meet any needs

- A model for everyone - from beginners to professionals
- Flexible cordless systems with a wide range of accessories for simply any task

Only from the dealer:
Cordless Power – made by STIHL is only available from your STIHL dealer. You can find your dealer at www.stihl.com/stihl-dealers.aspx
STIHL cordless products
for smaller gardens

STIHL cordless products for private users provide just the support you need for hobby gardeners. The integrated batteries ensure quick, easy handling and deliver the right degree of power. Small, spur-of-the-moment jobs in the garden are so much easier.  

// Find out more on page 6.

The STIHL COMPACT cordless power system for medium-sized and larger gardens

Your garden is your personal project. The tools used here must meet high standards, with regard to both power and operation. The STIHL COMPACT cordless system offers just this mix. With STIHL quality performance and a flexible tool system, you can overcome any challenge.  

// Find out more on page 12.

The STIHL PRO cordless power system for professional applications

Trimmen, Schneiden und Sägen sind not only your personal passion, but also your job. When you’re working, you need maximum performance and a long battery life. A professional cordless product is also the best choice if noise sensitivity is essential. The STIHL PRO cordless power system range offers a wide selection of products for professional requirements.  

// Find out more on page 22.
STIHL EC technology
The brushless electric motor (EC) from STIHL is energy-efficient and virtually wear-free, thanks mainly to the upstream STIHL EC electronics. As an intelligent control centre it always detects the battery inserted in the tool and supplies the EC motor with the correct power for the battery. This ensures that optimal power is always supplied to the tool – consistently throughout the entire battery discharge process.

Use in the rain
STIHL cordless power tools with this symbol can also be used in the rain. Indications on the device and in the user manual must also be taken into account. Please note that rain, mist and other dampness may differ in intensity, and the tools cannot be used in extreme conditions. Keep the batteries out of salty environments and away from contaminated liquids. Dry the battery and tool after use. In general, chargers may only be used in dry areas.

Use without ear protection
The cordless technology means that these tools are the perfect solution for noise-sensitive areas such as hospital gardens, parks and residential areas. Follow the instructions in the user manual.

STIHL recommends a specific battery for each product so that you’re always best equipped for your work. In making recommendations, we take into account the ideal combination of maximum power to performance, sufficient battery runtime, lowest possible weight and balanced weight distribution.
Everyone has different preferences when it comes to creative garden design. But one thing is indisputable: If you are passionate about gardening, handling is paramount. You can rely on STIHL cordless products 100%. Designed specifically for working in small gardens, the brushcutter, hedge trimmer and blower are easy to use and ready for operation right away, thanks to their integrated battery. Just the thing when your passion for gardening draws you outdoors.
There are so many ways to enjoy gardening!

Extremely quiet – keep the neighbours happy.
Charge, switch on, get started!

With the new STIHL cordless products, you can get started at any time. Whether you want to cut back hedges, clear leaves or mow the lawn – with the long-lasting lithium-ion batteries, our quiet garden helpers always have enough power. Perfect for all those outdoor jobs at home!

**HSA 25** // Cordless shears for trimming smaller hedges and ornamental trees. Double-stroke blade for strong cutting and low vibration, grass-cutter attachment for cutting lawn edges on the terrace, flowerbed and around the edge of the house. For working close to the ground, we recommend the use of the telescopic shaft. (The battery only fits the HSA 25.)

Order No. 4515 011 3500

**HSA 45** // Lightweight cordless hedge trimmer with good cutting performance for trimming twigs and thin branches. Single-sided double-stroke blade, integrated cut protection, screw-on tip protection and integrated battery with charge level indicator.

Order No. 4511 011 3500

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The control display gives you a constant overview of your tool’s charging status.
BGA 45

A handy cordless blower for cleaning small areas in your outdoor space. Round nozzle, easy to use, integrated battery with charge level indicator.
Order No. 4513 011 5900

The HSA 25 is also suitable for particularly dense, fine flaky shrubs.
FSA 45 // Compact cordless brushcutter for easy trimming and clearing work. Shaft and handle that can be adjusted without the need for tools, adjustable mowing unit working angle, for vertical edge trimming and other tasks, PolyCut blade included, possible to switch to mowing lines without need to change the mowing head, spacer bracket, integrated battery with charge level indicator.

Order No. 4512 011 5700
### Battery ranges <sup>®</sup> (example usage)

<table>
<thead>
<tr>
<th>Product</th>
<th>Usage Description</th>
<th>Area Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>HSA 25</strong></td>
<td>When trimming boxwood, up to ...</td>
<td>30 Balls</td>
</tr>
<tr>
<td><strong>HSA 45</strong></td>
<td>Up to ... m² of hedge</td>
<td>80 m²</td>
</tr>
<tr>
<td><strong>BGA 45</strong></td>
<td>Up to ... m² of dry leaves on asphalt</td>
<td>200 m²</td>
</tr>
<tr>
<td><strong>FSA 45</strong></td>
<td>Up to ... m of lawn edges/ up to ... m² of lawn</td>
<td>250 m/ 50 m²</td>
</tr>
</tbody>
</table>

<sup>®</sup> Battery life durations and area specifications are estimates, and may vary depending on how the tool is being used and what is being cut.

Overview of battery ranges // STIHL cordless products

It’s quick and easy to change the replacement blade.
Do you love demanding challenges in your own garden? Then the STIHL cordless power system COMPACT is the right choice for you. The battery has enough power to deal with your hedge, lawn or leaves. And the best thing is that with all the performance of STIHL, these quiet powerhouses are still astonishingly lightweight – so you can relax and meet any challenge.
Leaves trimmed. Wood sawn. Lawns maintained. Hedges cut. And you are more relaxed than ever.

Ready for the challenge.
A system with plenty of options.

Ambitious gardeners will enjoy the STIHL cordless power system COMPACT. Within the system, the compact battery fits every tool, from the hedge trimmer to the brushcutter, you can comfortably complete all your tasks with a battery that’s easy to replace when you need to.

Replacement battery: The battery is loaded externally and then secured in the battery shaft. The standardised shape of the AK batteries and the battery shaft mean that every AK battery can be used for any COMPACT tool – and a single battery can be used for several tools.

AK // Lightweight lithium-ion battery with charge level indicator (four LEDs). Compatible with the STIHL cordless power system COMPACT. Available in three different capacities: AK 10, AK 20 and AK 30.

AL 101 // Standard charger with operating mode indicator (LED) and passive battery cooling. 230 V. Compatible with STIHL AP and AK batteries. Cord wrap with Velcro. Wall mounting possible.
One tool for everything.

*One battery, one system, unique in application.*

The replaceable lithium-ion AK battery for the STIHL cordless power system COMPACT boasts consistent performance – even when working on large areas. Another particularly practical feature is that all batteries can be easily combined with any AK charger and any COMPACT tool. Gardening can be so easy!

All product information is provided from page 52.
### STIHL cordless power system COMPACT // Overview of battery ranges

<table>
<thead>
<tr>
<th>Overview of battery ranges (example usage)</th>
<th>AK 10</th>
<th>AK 20</th>
<th>AK 30</th>
</tr>
</thead>
<tbody>
<tr>
<td>RMA 235</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Up to ... m² of lawn</td>
<td>100 m²</td>
<td>200 m²</td>
<td>300 m²</td>
</tr>
<tr>
<td>RMA 339/RMA 339 C</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Up to ... m² of lawn</td>
<td>150 m²</td>
<td>300 m²</td>
<td>400 m²</td>
</tr>
<tr>
<td>HSA 56</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Up to ... m² of hedge</td>
<td>140 m²</td>
<td>280 m²</td>
<td>420 m²</td>
</tr>
<tr>
<td>FSA 56</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Up to ... m of lawn edges/</td>
<td>500 m / 100 m²</td>
<td>1.000 m / 200 m²</td>
<td>1.500 m / 300 m²</td>
</tr>
<tr>
<td>up to ... m² of lawn</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MSA 120 C-BQ</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>When sawing timber (10 x 10 cm) up to ... cuts</td>
<td>40 cuts</td>
<td>100 cuts</td>
<td>150 cuts</td>
</tr>
<tr>
<td>MSA 140 C-BQ</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>When sawing timber (10 x 10 cm) up to ... cuts</td>
<td>40 cuts</td>
<td>100 cuts</td>
<td>180 cuts</td>
</tr>
<tr>
<td>BGA 56</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Up to ... m² of dry leaves on asphalt</td>
<td>300 m²</td>
<td>600 m²</td>
<td>900 m²</td>
</tr>
</tbody>
</table>

1 The battery life durations and area specifications are estimates, and may vary depending on how the tool is being used and what is being cut.
2 Reduced tool performance
RMA 235 // Compact cordless lawnmower for working on small areas. Folding rail, central cutting-height adjustment, 30-litre grass collection basket, foldable with fill level indicator. For more information on features and technical details, see the current STIHL catalogue.
Order No. 6311 011 1410

Order No. 6320 011 1415
Order No. 6320 011 1420

Current delivery dates can be found at www.stihl.com
All product information is provided from page 52.
HSA 56 // Very lightweight cordless hedge trimmer with high cutting performance, for trimming hedges and bushes around the garden. Single-sided cutting blade, 30 mm tooth spacing, integrated cut protection, screw-on tip protector, two-hand control for safe handling during operation.

BGA 56 // Ergonomic cordless blower with streamlined design for low-fatigue operation close to the body. Round nozzle, soft handle, good weight distribution, three-level length-adjustable blower tube for optimum implementation of blowing force during use.

Our power packs have never been this quiet.
FSA 56

With the adjustable blower tube, you can adapt the tool perfectly to fit the user’s height.

FSA 56 // Lightweight cordless brushcutter with high mowing performance. 280 mm cutting circle diameter, soft handle, tool-free adjustment of the handle, infinitely adjustable shaft length, mowing lines which can be automatically adjusted by tapping the mowinghead on the ground.

Accessories: lid for AK battery shaft

For covering the battery shaft of cordless tools in the STIHL cordless power system COMPACT range. Protects against dust and dirt during longer periods of storage.

Order No. 4520 602 0900

Order No. 4522 011 5700

All product information is provided from page 52.
**MSA 120 C-BQ** // Lightweight cordless chainsaw for grounds maintenance. Soft handle, easy chain change thanks to STIHL Quick Chain Tensioning, QuickStop Super chain brake, oil tank with transparent viewing window, PM3 1/4" saw chain.

Order No. 1254 011 5870

**MSA 140 C-BQ** // Lightweight cordless chainsaw with high cutting performance for simple DIY tasks. 25% more cutting power than the MSA 120 C-BQ. Soft handle, easy chain change thanks to STIHL Quick Chain Tensioning, QuickStop Super chain brake, oil tank with transparent viewing window, PM3 1/4" saw chain.

Order No. 1254 011 5840

The narrow cutting kerf and low vibration make for extremely accurate cuts.
With a second battery, you’re ready for even longer periods of use.

- **AL standard chargers**

  **AL 101** // For STIHL AK and AP batteries. Cord wrap with Velcro and passive battery cooling. Wall mounting possible.
  Order No. 4850 430 2520

- **AK batteries**

  **AK 10/20/30** // Lightweight lithium-ion batteries with different capacities and a charge level indicator (four LEDs). Compatible with the STIHL cordless power system COMPACT.

  **AK 10**
  59 Wh battery power, 0.8 kg
  Order No. 4520 400 6500

  **AK 20**
  118 Wh battery power, 1.2 kg
  Order No. 4520 400 6503

  **AK 30**
  187 Wh battery power, 1.3 kg
  Order No. 4520 400 6512

\(^1\) Power capacity according to the specifications of the cell manufacturer. The power capacity available during actual operation is lower to increase service life.
Strong, quiet, professional.
When working in noise-sensitive environments such as hospitals or sheltered accommodation, cordless tools offer huge advantages because of their low level of operating noise. But as a professional user, you need even more: top performance, maximum energy efficiency and the greatest possible flexibility in use. The extensive STIHL cordless power system PRO range offers you all this, and because professionals can’t choose the weather they work in, almost all our professional tools are suitable for use in the rain. These are marked with the icon.

Easy to ignore, hard to miss – the orange powerhouses from STIHL.
STIHL, fully charged.

With powerful lithium-ion batteries and extra-fast charging times, the STIHL cordless power system PRO is specifically designed for professional users’ needs. You can easily combine a comprehensive range of tools, various battery options and a variety of accessories to create a tailor-made tool for any professional use.

**Operation via a connecting cable:** the battery is worn outside the tool, on the body. The battery is connected to the tool via a plug connection.

**Operation with an AP battery:** the battery shaft enclosed in the housing serves as a safe, direct contact station for the battery.

**Operation with an AP adapter:** the adapter is used when a battery with a connecting cable (e.g. AR 1000) is being charged, or for a tool with a battery shaft.
Cordless system PRO combination options

Tools with a battery shaft

- HSA 66/HSA 86
- BGA 85
- MSA 160 C-BQ
  MSA 200 C-BQ
  MSA 160 T
  MSA 161 T
- TSA 230
- ASA 65
- ASA 85
- HTA 65
- HTA 85
- HLA 65
- HLA 85
- FSA 65
- FSA 85
- FSA 90
- FSA 90 R
- AP adapter
- AP 100
- AP 200
- AP 300
- Battery belt with harness
- Support cushion set (FSA/BGA)
- Carrying system
- Support cushion set (FSA/BGA)
Quiet and powerful.

Mowing lawns with ease.

1 RMA 443/RMA 443 C/RMA 443 TC // Powerful and manoeuvrable cordless lawnmower for larger areas of lawn. Eco mode and flow-optimised blades ensure longer battery life. Central cutting-height adjustment, sturdy polymer housing, 55-litre grass collection basket, foldable with fill level display. Comfort models with adjustable comfort mono handlebar (C model) for ergonomic work.

2 RMA 448 TC // Powerful cordless lawnmower with a large cutting width. Eco mode and flow-optimised blades ensure longer battery life. Central cutting-height adjustment, comfortable wheel drive, 55-litre grass collection basket, foldable with fill level display. Comfort model with adjustable comfort mono handlebar for ergonomic work.

3 RMA 2 RT // Powerful cordless mulch lawnmower with a large cutting width. Eco mode ensures longer battery life. Connectable front wheel drive saves power when mowing; each axle is height-adjustable.

All product information is provided from page 52.
HSA 86 // Lightweight cordless hedge trimmer with high cutting performance for demanding applications. Single-sided cutting blade, 30 mm tooth spacing, consistent stroke rate under load, droplet-shaped blade geometry, integrated cut protection, screw-on tip protector.

HSA 86 // Cordless hedge trimmer with high, efficient cutting performance when shaping and cutting back hedges. Double-sided cutting blades in two lengths, 33 mm tooth spacing, consistent stroke rate under load, and screw-on cut and tip protector.
The rotating multi-function handle of the HSA 94 makes vertical cutting even more comfortable.

HSA 94 R // Powerful cordless professional hedge trimmer for the most challenging thick twig pruning tasks. Double-sided professional cutting blade with 38 mm tooth spacing, in the pruning version, screwed-on cut and tip protection, low blade stroke for a powerful cut (three-level adjustable), rotating multi-function handle, loop handle with inner switch. Battery operation with the aid of the AP holster with connecting cable or the carrying system.

HSA 94 T // Powerful and professional cordless hedge trimmer for high-precision trimming cuts in any position. Double-sided professional cutting blade with 30 mm tooth spacing, in the trimming version, screw-on cut and tip protection, high blade stroke rate for precise cutting patterns (three-level adjustable), rotating multi-function handle, loop handle with inner switch. Battery operation with the aid of the AP holster with connecting cable or the carrying system.

60 cm Order No. 4869 011 3502
75 cm Order No. 4869 011 3503
50 cm Order No. 4869 011 3510
60 cm Order No. 4869 011 3511
75 cm Order No. 4869 011 3512
HLA 65 // Cordless long-reach hedge trimmer for tall and wide hedges. Constant blade stroke under load, double-sided cutting blades, loop handle, cutter bar that can be adjusted by 115°, can be perfectly set to overhead, vertical and ground-level cutting, foldable to save space during storage and transport.

Order No. 4859 011 2900

Fully equipped, even for greater challenges.
HLA 85

Cordless long-reach hedge trimmer with high cutting performance for particularly high hedges. Telescopic shaft with tool-free quick-release tensioner (total length: 260–330 cm), infinitely variable speed control, double-sided cutting blades, cutter bar that can be adjusted by 115°, ideal adjustment for overhead, vertical and ground-level cutting, foldable to save space during storage and transport.

Order No. 4859 011 2920

You can work even more ergonomically with the RTS harness, which is available as an accessory.

The long-reach hedge trimmer is perfectly balanced, preserving your energy and allowing you to work for extended periods.

All product information is provided from page 52.
1 FSA 65 // Cordless brushcutter for light clearing work. 300 mm cutting circle diameter, soft handle, infinitely adjustable loop handle, mowing line which can be automatically readjusted by tapping the mowing head on the ground.

2 FSA 85 // Cordless brushcutter for mowing around obstacles, as well as next to trees and shrubs. 350 mm cutting circle diameter, tool-free adjustment of the handle, infinitely variable speed control, spacer bracket, mowing line which can be automatically readjusted by tapping the mowing head on the ground.

The combination of the carrier system and AP adapter makes it much more comfortable to use tools with a battery shaft.

Order No. 4852 011 5701

Order No. 4852 011 5700
3 FSA 90 // Cordless brushcutter for working on large areas of tough grass. 260 mm cutting circle diameter (with grass cutting blade), two-hand handle, control handle with ECOSPEED partial load function, including doubleshoulder harness.

FSA 90 R // Compact tool options for working in cramped areas. Loop handle with barrier bar for safe moving and pivoting, ECOSPEED operation on the shaft.

4 FSA 130 // Powerful cordless brushcutter for working on large areas of tough grass. 260 mm cutting circle diameter (with grass cutting blade), adjustable to three power levels, two-hand handle, suitable for AR backpack batteries with connecting cable or AP batteries in combination with the carrying system.

FSA 130 R // Compact tool options for working in cramped areas. Loop handle, power levels operated directly on the shaft, good pivot behaviour.

FSA 90 Order No. 4863 200 0003
FSA 90 R Order No. 4863 200 0028

FSA 130 Order No. 4867 200 0001
FSA 130 R Order No. 4867 200 0002
Cordless power with absolute accuracy – achieved through professional features and matching accessories.

With the battery on your back and a comfortable carrying system, you can work for much longer.
1 BGA 85 // Akku-Blasgerät with sehr einfacher, komfortabler Bedienung. Runddüse serienmäßig (Flachdüse nachrüstbar), Softgriff, stufenlose Drehzahlregulierung, sehr leises Betriebsgeräusch, geringe Vibrationen.

2 BGA 100 // Powerful cordless blower for professional use, particularly in urban areas. Round nozzle as standard (flat nozzle can be retrofitted), soft handle, three power levels with additional boost function, infinitely adjustable blower tube length, eyelet for support cushion. (Use either with an AP and the AP holster with a connecting cable or with an AR backpack battery.)
1 MSA 160 C-BQ // Lightweight cordless chainsaw for use in noise-sensitive areas. STIHL Quick Chain Tensioning, QuickStop Super chain brake, tool-free fuel cap, ¼” PM3 saw chain for a fine cut and high cutting performance.

2 MSA 200 C-BQ // Cordless chainsaw with high cutting performance for noise-sensitive applications and carving work. 44% more cutting performance compared to the MSA 160 C-BQ. STIHL Quick Chain Tensioning, QuickStop Super chain brake, tool-free fuel cap, ¼” PM3 saw chain for a fine cut and high cutting performance. Bumper spikes made of metal. Compatible with STIHL Carving E carving guide bar for cutting with a very small radius.

The battery means everything’s in hand: minimal vibration, high cutting performance and a clean cut.

For further information, visit www.kwf-online.de
At full speed in wood –
with innovative EC motors from STIHL.
MSA 161 T // Powerful cordless tree maintenance for professionals who work in trees or from an aerial work platform. A more powerful EC motor and new sprocket for a faster chain speed, 1/4” PM3 saw chain as standard, brake lever with catch, lock button on the side, extended throttle trigger lockout for comfortable operation, ideal for use in noise-sensitive areas.

HTA 65 // Lightweight, powerful cordless pole pruner for grounds maintenance and orchards. 1/4” PM3 saw chain as standard, precise biting characteristics and high cutting performance, minimum vibration and low noise for use in noise-sensitive areas, captive nut on the sprocket cover, side-mounted chain tensioning.

For further information, visit www.kwf-online.de
Current delivery dates can be found at www.stihl.com
HTA 85 // Powerful cordless pole pruner for orchards and professional arborists.
Telescopic shaft with tool-free quick-release tensioner (total length 270-390 cm), ¼" PM3 saw chain as standard, precise biting characteristics and high cutting performance, minimum vibration and low noise for use in noise-sensitive areas, captive nut on the sprocket cover, side-mounted chain tensioning.

Order No. 4857 200 0018
Order No. 4857 200 0005
KMA 130 R // Powerful cordless KombiEngine with high torque at low weight. Three power levels for energy-efficient and low-noise work in all applications. Order No. 4867 011 6820

Matching accessories
For these and other attachments, see www.stihl.com.

- FS-KM (nylon mowing head)
  Order No. 4180 200 0690

- FS-KM (grass cutting blade)
  Order No. 4180 200 0475

- HL-KM 145° (long-reach hedge trimmer)
  Order No. 4243 740 5003

- HT-KM (pole pruner)
  Order No. 4182 200 0160

- BG-KM (blower)
  Order No. 4606 740 5000
Cut better

with powerful battery technology from STIHL.

ASA 65 // Powerful cordless pruning shears for cutting vines and similar woods. Robust aluminium housing, ergonomic handle shape, electronically adjustable blade opening, easy blade change, suitable for right and left-handed users, delivered in a sturdy plastic case.

Order No. 4861 011 6220
ASA 85 // Powerful cordless pruning shears for pruning work in public gardens, orchards, tree nurseries, and for viticulture. Cuts branches up to 45 mm thick, sturdy aluminium housing, ergonomic handle, electronically adjustable blade opening with four levels, delivered in a sturdy plastic case.

Order No. 4861 011 6200

Depending on your needs, you can choose the “proportional cut” or “pulse cut” setting while you work.
KGA 770 // Cordless sweeping machine for working on large areas both indoors and outdoors. STIHL MultiClean PLUS sweeping system, 8-level central height adjustment, ergonomically shaped 2-level height adjustable push bar, lateral wheels, transport handle, can be stored upright to save space, four-year durability warranty on the low-wear nylon bristles. Easy and effortless to push due to the cordless operation of the circular brushes and power sweep. This enables thorough cleaning of edges and corners, even when the machine is stationary. Order No. 4860 011 4703

Applications

Indoors:
- interlocking paving stones (e.g. tiles or granite)
- Sealed floors

Outside area:
- Asphalt
- Exposed aggregate
- concrete paving stones (e.g. hexagonal or blockpavers)
- Cobblestones

The KGA 770 works perfectly on a huge range of surfaces.
TSA 230 // Manoeuvrable cordless cut-off machine for wet cutting indoors and out. 230 mm cutting wheels up to 70 mm, water connection with ball valve and hose coupling, spindle lock, maintenance-free beltdrive.
Order No. 4864 011 6600

Useful accessories
The STIHL range includes high-quality diamond abrasive wheels for concrete, asphalt and natural stone as well as resin-bonded cutting wheels for steel, asphalt and stone.

The depth stop with vacuum support enables dust-free dry cutting of mineral construction materials, indoors and out. Features precise and infinitely variable adjustment of the cutting depth.
AP batteries

AP 100/200/300 // Very powerful lithium-ion batteries with charge indicator (four LEDs). Compatible with STIHL cordless power system PRO. Various energy capacities available.

AP 100
76 Wh battery power\(^\circ\), 0.8 kg
Order No. 4850 400 6520

AP 200
151 Wh battery power\(^\circ\), 1.3 kg
Order No. 4850 400 6530

AP 300
227 Wh battery power\(^\circ\), 1.7 kg
Order No. 4850 400 6540

AR backpack batteries

AR 1000/2000/3000 // Backpack lithium-ion batteries with high energy content for longer running times. Sturdy housing with base and charge level indicator (six LEDs), ergonomic harness with integrated carry handle and rain cover. Various battery capacities available.

AR 1000
626 Wh battery power\(^\circ\), 4.1 kg\(^c\) / 5.5 kg\(^c\)
Order No. 4865 400 6505

AR 2000
916 Wh battery power\(^\circ\), 6.5 kg\(^c\) / 7.8 kg\(^c\)
Order No. 4865 400 6510

AR 3000
1,148 Wh battery power\(^\circ\), 6.8 kg\(^c\) / 8.1 kg\(^c\)
Order No. 4865 400 6520

The supplied adapter can be used with all STIHL standard and fast chargers to charge the backpack batteries.

\(^\circ\) Power capacity according to the specifications of the cell manufacturer. The power capacity available during actual operation is lower to increase service life.

\(^c\) Weight excluding carrying system

\(^c\) Weight including carrying system
Tool classes

With the cordless system PRO, STIHL offers the perfect solution for any application. If you need maximum freedom of movement, tools with a battery shaft are the right choice. If on the other hand you want minimum weight for long periods of work, tools with a connecting cable are best suited to your task.

**Tools with a battery shaft**

The battery shaft is encased in the tool housing. The battery can be easily removed by loosening the locking lever.

**Tools with a connecting cable**

The connecting cable with plug connects the STIHL AP or AR batteries with the device. This means that the battery can be conveniently worn on the body.

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**AL standard chargers**

**AL 101** // 230 V. Compatible with STIHL AP and AK batteries. Cord wrap with velcro and passive battery cooling. Wall mounting possible.

Order No. 4850 430 2520

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**AL quick chargers**

**AL 300/AL 500** // 230 V. For STIHL AK, AP and AR batteries. Device in housing base for wall mounting and cord wrap, with operating mode indicator (LED) and active battery cooling.

**AL 300**

Order No. 4850 430 5500

**AL 500**

Order No. 4850 430 5700
Makes it possible to transfer energy between a STIHL AP battery and a device with a connecting cable. Can be combined with the battery belt carrying system.

With integrated electronics for overload switching with an acoustic signal.
Order No. 4850 440 5101

Accessories: AP adapter. The AP adapter is needed to transfer power between a STIHL AP battery or a STIHL AR battery and a power tool with a battery slot in combination with the AP holster with connecting cable.
Order No. 4850 440 0505

Accessories: additional weights for the AP adapter. For attachment to the AP adapter to improve the balance of the tool, e.g. the FSA 90, approx. 500g.
Order No. 4850 007 1001

Comfortable, 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 cordless power tools with a connecting cable or battery shaft via an AP adapter.
Order No. 4850 490 0400
Battery boxes

For space-saving and convenient carriage of batteries and charger. Compatible with the Sortimo L-BOXX and Sortimo Globe-lyst in-vehicle systems.

Order No. 0000 881 5605

For four batteries or two AP batteries and an AL 300 or AL 500 charger.

Order No. 7013 200 0004

Battery carry bag

Lightweight, hardwearing bag for easy and clean storage of accessories for STIHL cordless tools. For a battery with a charger.

Order No. 0000 881 0520

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 combining 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.

Order No. 4850 490 0500

Support cushion set

For retrofitting to all FS harnesses in the ADVANCE series without comfort carry rings. With a belt adapter for attaching the support cushions for FSA and BGA to the AR backpack batteries’ carrying system and hip belt of the AR backpack batteries.

Order No. 0000 007 1045

Lid for AP battery shaft

For covering the battery slot on STIHL PRO cordless power system battery-powered tools. Protects against dust and dirt during longer periods of storage.

Order No. 4850 602 0900

Foot

Foot for protecting the batteries from contact with the ground. Additional handle for temporary shaft extension, for HTA 65, HTA 85 and HLA 85. Included in the scope of delivery with the HT 103 and HT 133.

Order No. 4857 007 1001

Accessories: pocket for battery belt. Can be used to easily carry another AP battery or accessories such as safety glasses, gloves and resin remover spray. For attachment to a battery belt.

Order No. 4850 491 0101

Lightweight, hardwearing bag for easy and clean storage of accessories for STIHL cordless tools. For a battery with a charger.

Order No. 0000 881 0520

Battery belt with harness

NEW

Order No. 0000 881 5605

For AP or AR batteries and chargers.

Order No. 7013 200 0004

Order No. 0000 881 0520

Order No. 0000 007 1045

Order No. 4850 490 0500

Order No. 4850 491 0101
STIHL cordless tools overview
<table>
<thead>
<tr>
<th>Akku-Rasenmäher</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>RMA 235 NEW</td>
<td>6311 011 1410</td>
</tr>
<tr>
<td>Set RMA 235 mit AK 20 + AL 101 NEW</td>
<td>6311 200 0005</td>
</tr>
<tr>
<td>Set RMA 235 mit AK 30 + AL 101 NEW</td>
<td>6311 200 0007</td>
</tr>
<tr>
<td>RMA 339 NEW</td>
<td>6320 011 1415</td>
</tr>
<tr>
<td>Set RMA 339 mit AK 20 + AL 101 NEW</td>
<td>6320 011 0039</td>
</tr>
<tr>
<td>Set RMA 339 mit AK 30 + AL 101 NEW</td>
<td>6320 011 0045</td>
</tr>
<tr>
<td>RMA 339 C NEW</td>
<td>6320 011 1420</td>
</tr>
<tr>
<td>Set RMA 339 C mit AK 20 + AL 101 NEW</td>
<td>6320 011 0040</td>
</tr>
<tr>
<td>Set RMA 339 C mit AK 30 + AL 101 NEW</td>
<td>6320 011 0046</td>
</tr>
<tr>
<td>RMA 443 NEW</td>
<td>6338 011 1401</td>
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<tr>
<td>Set RMA 443 mit AP 200 + AL 101 NEW</td>
<td>6338 200 0031</td>
</tr>
<tr>
<td>RMA 443 C NEW</td>
<td>6338 011 1411</td>
</tr>
<tr>
<td>Set RMA 443 C mit AP 200 + AL 101 NEW</td>
<td>6338 200 0032</td>
</tr>
<tr>
<td>RMA 443 TC NEW</td>
<td>6338 011 1420</td>
</tr>
<tr>
<td>Set RMA 443 TC mit AP 200 + AL 101 NEW</td>
<td>6338 200 0033</td>
</tr>
<tr>
<td>RMA 448 TC NEW</td>
<td>6358 011 1420</td>
</tr>
<tr>
<td>Set RMA 448 TC mit AP 200, AP 300 + AL 300 NEW</td>
<td>6358 200 0008</td>
</tr>
<tr>
<td>RMA 2 RT NEW</td>
<td>6357 011 1400</td>
</tr>
<tr>
<td>Set RMA 2 RT mit AP 300 + AL 300 NEW</td>
<td>6357 200 0000</td>
</tr>
</tbody>
</table>

- **As standard**
- **C = comfort version**
- **R = Retrofittable (accessory)**
- **B = Recycler (mulch mower)**
- **T = 1 gear**
- **Weight excluding battery**
- **Weight including battery, excluding charger**
- **Current delivery dates can be found at [www.stihl.com](http://www.stihl.com)**
## STIHL cordless tools overview

<table>
<thead>
<tr>
<th>Cordless long-reach hedge trimmer</th>
<th>Order number</th>
<th>Bar length (cm)</th>
<th>Rated voltage (V)</th>
<th>Weight (kg)</th>
<th>Sound pressure level (dB(A))</th>
<th>Sound power level (dB(A))</th>
<th>Vibration level left/right (m/s²)</th>
<th>Total length (cm)</th>
<th>Stroke speed (1/min)</th>
<th>Foot position (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>HLA 65 (115°)</td>
<td>4859 011 2900</td>
<td>50</td>
<td>36</td>
<td>4859 011 2900</td>
<td>3.5 (1)</td>
<td>85</td>
<td>3.5/3.5</td>
<td>50</td>
<td>36</td>
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</tr>
<tr>
<td>HLA 85 (115°)</td>
<td>4859 011 2920</td>
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<td>36</td>
<td>4859 011 2920</td>
<td>4.4 (1)</td>
<td>75</td>
<td>2.0/2.0</td>
<td>50</td>
<td>36</td>
<td></td>
</tr>
</tbody>
</table>

1. Weight excluding battery  
2. K value according to Dir. 2006/42/EC = 2 m/s²  
3. K value according to Dir. 2006/42/EC = 2.0 dB(A)  
4. With blade cutting attachment
<table>
<thead>
<tr>
<th>Order number</th>
<th>Bar length (cm)</th>
<th>Rated voltage (V)</th>
<th>Weight (kg)</th>
<th>Sound pressure level (dB(A))</th>
<th>Vibration level left/right (m/s²)</th>
<th>Total length (mm)</th>
<th>Stroke rate (min⁻¹)</th>
<th>Rotary handle</th>
</tr>
</thead>
<tbody>
<tr>
<td>HSA 25 4515 011 3500</td>
<td>17</td>
<td>10.8</td>
<td>0.6️⃣</td>
<td>70</td>
<td>80</td>
<td>1.2/1.4g</td>
<td>50</td>
<td>2,000</td>
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<tr>
<td>HSA 45 4511 011 3500</td>
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<td>18</td>
<td>2.3️⃣</td>
<td>54</td>
<td>77</td>
<td>1.4/1.5</td>
<td>92</td>
<td>2,500</td>
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<tr>
<td>HSA 56 4521 011 3500</td>
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<td>36</td>
<td>2.9️⃣</td>
<td>80</td>
<td>91</td>
<td>2.7/1.2</td>
<td>94</td>
<td>2,800</td>
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<tr>
<td>HSA 56 set with AK 10 + AL 101 4521 011 3510</td>
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<td>36</td>
<td>3.7️⃣</td>
<td>80</td>
<td>91</td>
<td>2.7/1.2</td>
<td>94</td>
<td>2,800</td>
</tr>
<tr>
<td>HSA 66 4851 011 3520</td>
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<td>36</td>
<td>3.1️⃣</td>
<td>83</td>
<td>94</td>
<td>3.7/2.3</td>
<td>103</td>
<td>3,000</td>
</tr>
<tr>
<td>HSA 66 set with AP 100 + AL 101 4851 200 0099</td>
<td>50</td>
<td>36</td>
<td>3.9️⃣</td>
<td>83</td>
<td>94</td>
<td>3.7/2.3</td>
<td>103</td>
<td>3,000</td>
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<tr>
<td>HSA 86 4851 011 3529</td>
<td>45</td>
<td>36</td>
<td>3.0️⃣</td>
<td>83</td>
<td>94</td>
<td>3.7/2.3</td>
<td>98</td>
<td>3,000</td>
</tr>
<tr>
<td>HSA 86 4851 011 3521</td>
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<td>36</td>
<td>3.3️⃣</td>
<td>83</td>
<td>94</td>
<td>3.7/2.3</td>
<td>115</td>
<td>3,000</td>
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<tr>
<td>HSA 94 R 4869 011 3502</td>
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<td>4.1️⃣</td>
<td>83</td>
<td>94</td>
<td>3.6/3.1</td>
<td>117</td>
<td>2,800/3,000/3,200</td>
</tr>
<tr>
<td>HSA 94 R 4869 011 3503</td>
<td>75</td>
<td>36</td>
<td>4.4️⃣</td>
<td>84</td>
<td>95</td>
<td>4.2/3.3</td>
<td>132</td>
<td>2,800/3,000/3,200</td>
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<tr>
<td>HSA 94 T 4869 011 3510</td>
<td>50</td>
<td>36</td>
<td>3.7️⃣</td>
<td>84</td>
<td>95</td>
<td>3.8/2.7</td>
<td>106</td>
<td>4,400/4,700/5,000</td>
</tr>
<tr>
<td>HSA 94 T 4869 011 3511</td>
<td>60</td>
<td>36</td>
<td>3.9️⃣</td>
<td>85</td>
<td>96</td>
<td>4.0/3.1</td>
<td>118</td>
<td>4,400/4,700/5,000</td>
</tr>
<tr>
<td>HSA 94 T 4869 011 3512</td>
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<td>36</td>
<td>4.1️⃣</td>
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<td>97</td>
<td>3.2/3.1</td>
<td>130</td>
<td>4,400/4,700/5,000</td>
</tr>
</tbody>
</table>

R = Pruning  
T = Trimming  
️⃣ Weight excluding battery, including cutting tool  
️⃣ Weight including battery  
️⃣ Weight excluding battery, excluding charge  
️⃣ Weight including battery, excluding charger  
️⃣ K value according to Dir. 2006/42/EC = 2.0 dB(A)  
️⃣ K value according to Dir. 2006/42/EC = 2 m/s²  
️⃣ With shrub cutter/with grass trimmer  
️⃣ Level 1/Level 2/Level 3
## STIHL cordless tools overview

### Cordless chainsaws

<table>
<thead>
<tr>
<th>Model</th>
<th>Order Number</th>
<th>Rated Voltage (V)</th>
<th>Weight (kg)</th>
<th>System weight incl. bar &amp; guide bar (kg)</th>
<th>Saw chain pitch</th>
<th>Saw chain type</th>
<th>Bar Length (cm)</th>
<th>Guide length with Quick Chain Tensioning (cm)</th>
<th>QuickStop Super chain brake (Q)</th>
<th>Tool-free oil tank cap</th>
<th>Overload protection</th>
<th>Soft handle</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>MSA 120 C-BQ</strong></td>
<td>1254 011 5870</td>
<td>30</td>
<td>36</td>
<td>2.7</td>
<td>83</td>
<td>94</td>
<td>3.4/3.2</td>
<td>1/4&quot; P</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>MSA 120 C-BQ set with AK 20 + AL 101</strong></td>
<td>1254 011 5880</td>
<td>30</td>
<td>36</td>
<td>2.7</td>
<td>83</td>
<td>94</td>
<td>3.4/3.2</td>
<td>1/4&quot; P</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>MSA 140 C-BQ</strong></td>
<td>1254 011 5840</td>
<td>30</td>
<td>36</td>
<td>2.6</td>
<td>83</td>
<td>94</td>
<td>4.3/4.8</td>
<td>1/4&quot; P</td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td><strong>MSA 140 C-BQ set with AK 30 + AL 101</strong></td>
<td>1254 011 5850</td>
<td>30</td>
<td>36</td>
<td>2.6</td>
<td>83</td>
<td>94</td>
<td>4.3/4.8</td>
<td>1/4&quot; P</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>MSA 160 C-BQ</strong></td>
<td>1250 200 0085</td>
<td>25</td>
<td>36</td>
<td>3.1</td>
<td>84</td>
<td>95</td>
<td>2.7/2.9</td>
<td>1/4&quot; P</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>MSA 160 C-BQ set with AP 200 + AL 101</strong></td>
<td>1250 200 0095</td>
<td>30</td>
<td>36</td>
<td>3.1</td>
<td>84</td>
<td>95</td>
<td>2.7/2.9</td>
<td>1/4&quot; P</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>MSA 200 C-BQ</strong></td>
<td>1251 200 0018</td>
<td>30</td>
<td>36</td>
<td>3.3</td>
<td>84</td>
<td>95</td>
<td>4.6/3.9</td>
<td>1/4&quot; P</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>MSA 200 C-BQ set with AP 300 + AL 300</strong></td>
<td>1251 200 0045</td>
<td>35</td>
<td>36</td>
<td>3.3</td>
<td>84</td>
<td>95</td>
<td>4.6/3.9</td>
<td>1/4&quot; P</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Cordless arborist saw

<table>
<thead>
<tr>
<th>Model</th>
<th>Order Number</th>
<th>Rated Voltage (V)</th>
<th>Weight (kg)</th>
<th>System weight incl. bar &amp; guide bar (kg)</th>
<th>Saw chain pitch</th>
<th>Saw chain type</th>
<th>Bar Length (cm)</th>
<th>Guide length with Quick Chain Tensioning (cm)</th>
<th>QuickStop Super chain brake (Q)</th>
<th>Tool-free oil tank cap</th>
<th>Overload protection</th>
<th>Soft handle</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>MSA 161 T</strong></td>
<td>1252 200 0043</td>
<td>25</td>
<td>36</td>
<td>2.5</td>
<td>84</td>
<td>94</td>
<td>2.5</td>
<td>1/4&quot; P</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Cordless pole pruner

<table>
<thead>
<tr>
<th>Model</th>
<th>Order Number</th>
<th>Rated Voltage (V)</th>
<th>Weight (kg)</th>
<th>System weight incl. bar &amp; guide bar (kg)</th>
<th>Saw chain pitch</th>
<th>Saw chain type</th>
<th>Bar Length (cm)</th>
<th>Guide length with Quick Chain Tensioning (cm)</th>
<th>QuickStop Super chain brake (Q)</th>
<th>Tool-free oil tank cap</th>
<th>Overload protection</th>
<th>Soft handle</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>HTA 65</strong></td>
<td>4857 200 0018</td>
<td>25</td>
<td>36</td>
<td>3.8</td>
<td>76</td>
<td>93</td>
<td>2.5/2.5</td>
<td>1/4&quot; P</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>HTA 85</strong></td>
<td>4857 200 0005</td>
<td>30</td>
<td>36</td>
<td>4.9</td>
<td>76</td>
<td>93</td>
<td>1.0/1.0</td>
<td>1/4&quot; P</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- **a** As standard
- **b** = Quick Chain Tensioning
- **Q** = QuickStop Super chain brake
- **T** = Top handle

*The actual bar length is shorter than the stated bar length

*Weight excluding battery but including guide bar and saw chain

*Powerhead excluding fuel, including guide bar and saw chain

*Weight including battery, with guide bar and saw chain, without charger

*0 K value according to Dir. 2006/42/EC = 2.5 dB(A)

*0 K value according to Dir. 2006/42/EC = 2 m/s²

*Current delivery dates can be found at [www.stihl.com](http://www.stihl.com)*
### Cordless brushcutters

<table>
<thead>
<tr>
<th>Model</th>
<th>Order number</th>
<th>Rated voltage (V)</th>
<th>Weight (kg)</th>
<th>Sound pressure level (dB(A))</th>
<th>Sound power level (dB(A))</th>
<th>Vibration left/right</th>
<th>Cutting circle diameter (mm)</th>
<th>Total length without cutting tool (mm)</th>
<th>Standard cutting tool</th>
<th>Rear grip handle</th>
<th>rear handle adjustment</th>
<th>Harness/carrying system</th>
<th>Mowing/shredding/sawing jobs</th>
</tr>
</thead>
<tbody>
<tr>
<td>FSA 45①</td>
<td>4512 011 5700</td>
<td>18</td>
<td>2.3①</td>
<td>77</td>
<td>87</td>
<td>1.7/4.9</td>
<td>110</td>
<td>≤250</td>
<td>Mowing head PolyCut 2-2</td>
<td>–/–/–</td>
<td>–</td>
<td>–/–/–</td>
<td>–/–/–</td>
</tr>
<tr>
<td>FSA 56①</td>
<td>4522 011 5700</td>
<td>36</td>
<td>2.5①</td>
<td>72</td>
<td>86</td>
<td>3.5/3.5</td>
<td>147</td>
<td>280</td>
<td>Mowing head AutoCut 2-2</td>
<td>–/–/–</td>
<td>–</td>
<td>–/–/–</td>
<td>–/–/–</td>
</tr>
<tr>
<td>FSA 56① set with AK 10 + AL 101</td>
<td>4522 011 5710</td>
<td>36</td>
<td>3.3①</td>
<td>72</td>
<td>86</td>
<td>3.5/3.5</td>
<td>147</td>
<td>280</td>
<td>Mowing head AutoCut 2-2</td>
<td>–/–/–</td>
<td>–</td>
<td>–/–/–</td>
<td>–/–/–</td>
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<tr>
<td>FSA 65①</td>
<td>4852 011 5700</td>
<td>36</td>
<td>2.7①</td>
<td>75</td>
<td>91</td>
<td>1.3/1.1</td>
<td>153</td>
<td>300</td>
<td>Mowing head AutoCut C 4-2</td>
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<td>–</td>
<td>–/–/–</td>
<td>–/–/–</td>
</tr>
<tr>
<td>FSA 65① set with AP 100 + AL 101</td>
<td>4852 200 0057</td>
<td>36</td>
<td>3.5①</td>
<td>75</td>
<td>91</td>
<td>1.3/1.1</td>
<td>153</td>
<td>300</td>
<td>Mowing head AutoCut C 4-2</td>
<td>–/–/–</td>
<td>–</td>
<td>–/–/–</td>
<td>–/–/–</td>
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<tr>
<td>FSA 85②</td>
<td>4852 011 5701</td>
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<td>2.8②</td>
<td>74</td>
<td>91</td>
<td>1.4/0.8</td>
<td>165</td>
<td>350</td>
<td>Mowing head AutoCut C 4-2</td>
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<td>–/–/–</td>
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<tr>
<td>FSA 90 R②</td>
<td>4863 200 0028</td>
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<td>2.8②</td>
<td>78</td>
<td>90</td>
<td>4.8/3.5</td>
<td>177</td>
<td>380</td>
<td>Mowing head AutoCut 25-2</td>
<td>–/–/–</td>
<td>–</td>
<td>–/–/–</td>
<td>–/–/–</td>
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<tr>
<td>FSA 90②</td>
<td>4863 200 0003</td>
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<td>3.2②</td>
<td>73</td>
<td>84</td>
<td>1.0/1.0</td>
<td>177</td>
<td>260</td>
<td>Grass cutting blade 260-2</td>
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<td>–</td>
<td>–/–/–</td>
<td>–/–/–</td>
</tr>
<tr>
<td>FSA 130 R②</td>
<td>4867 200 0002</td>
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<td>3.9②</td>
<td>83</td>
<td>94</td>
<td>3.3/3.5</td>
<td>175</td>
<td>420</td>
<td>Mowing head AutoCut C 26-2</td>
<td>–/–/–</td>
<td>–</td>
<td>–/–/–</td>
<td>–/–/–</td>
</tr>
<tr>
<td>FSA 130②</td>
<td>4867 200 0001</td>
<td>36</td>
<td>4.5②</td>
<td>82</td>
<td>94</td>
<td>1.4/1.9</td>
<td>175</td>
<td>260</td>
<td>Grass cutting blade 260-2</td>
<td>–/–/–</td>
<td>–</td>
<td>–/–/–</td>
<td>–/–/–</td>
</tr>
</tbody>
</table>

- ① As standard
- ② Retrofittable (accessory)
- ③ Fixed speed
- ④ Infinitely variable speed
- ⑤ Weight including battery
- ⑥ Weight including battery, including cutting tool and guard
- ⑦ Weight excluding battery
- ⑧ Weight excluding battery, including cutting tool and guard
- ⑨ Weight excluding battery, excluding charger
- ⑩ Weight excluding battery, cutting tool and guard
- ⑪ K factor according to Dir. 2006/42/EC = 2.5 dB (A) with standard tool
- ⑫ K factor according to Dir. 2006/42/EC = 2 m/s² with standard tool

---

**Images:**
- Image 1: Cordless brushcutter in use.
- Image 2: Close-up of a cordless brushcutter model.
### Cordless blowers

<table>
<thead>
<tr>
<th>Model</th>
<th>Order number</th>
<th>Rated voltage (V)</th>
<th>Weight (kg)</th>
<th>Sound pressure level (dB(A))</th>
<th>Blowing force (N)</th>
<th>Air speed (m/s)</th>
<th>Air throughput (m³/h)</th>
<th>Max. air speed (m/s)</th>
<th>Max. air throughput (m³/h)</th>
<th>Round nozzle/flat nozzle</th>
</tr>
</thead>
<tbody>
<tr>
<td>BGA 45</td>
<td>4513 011 5900</td>
<td>18</td>
<td>2.0</td>
<td>76</td>
<td>87</td>
<td>3.2</td>
<td>5</td>
<td>38/–</td>
<td>420/–</td>
<td>44/–</td>
</tr>
<tr>
<td>BGA 56</td>
<td>4523 011 5900</td>
<td>36</td>
<td>2.1</td>
<td>79</td>
<td>91</td>
<td>2.5</td>
<td>9</td>
<td>45/–</td>
<td>600/–</td>
<td>54/–</td>
</tr>
<tr>
<td>BGA 56 set with AK 20 + AL 101</td>
<td>4523 011 5910</td>
<td>36</td>
<td>3.3</td>
<td>79</td>
<td>91</td>
<td>2.5</td>
<td>9</td>
<td>45/–</td>
<td>600/–</td>
<td>54/–</td>
</tr>
<tr>
<td>BGA 85</td>
<td>4853 011 5900</td>
<td>36</td>
<td>3.2</td>
<td>83</td>
<td>98</td>
<td>2.5</td>
<td>10</td>
<td>47/–</td>
<td>685/–</td>
<td>56/–</td>
</tr>
<tr>
<td>BGA 85 set with AP 200 + AL 101</td>
<td>4853 200 0039</td>
<td>36</td>
<td>4.5</td>
<td>83</td>
<td>98</td>
<td>2.5</td>
<td>10</td>
<td>47/–</td>
<td>685/–</td>
<td>56/–</td>
</tr>
<tr>
<td>BGA 100</td>
<td>4866 011 5900</td>
<td>36</td>
<td>2.5</td>
<td>80</td>
<td>90</td>
<td>2.5</td>
<td>17</td>
<td>63/–</td>
<td>840/–</td>
<td>75/–</td>
</tr>
</tbody>
</table>

- **As standard**
- **R** Retrofittable (accessory)
- **⇒** Weight including battery
- **⇒** Weight excluding battery
- **⇒** Weight including battery, excluding charger
- **⇒** K value according to Dir. 2006/42/EC = 2.0 dB(A)
- **⇒** Combination of air speed and air throughput
- **⇒** In boost
- **⇒** Without blowing system/nozzle
### Cordless sweeping machine

<table>
<thead>
<tr>
<th>KGA 770</th>
<th>4860 011 4703</th>
<th>50</th>
<th>77</th>
<th>36</th>
<th>16.0</th>
<th>64</th>
<th>80</th>
<th>2,000</th>
<th>MultiClean PLUS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Order number</td>
<td>Container capacity (l)</td>
<td>Swep width (cm)</td>
<td>Rated voltage (V)</td>
<td>Weight (kg)</td>
<td>Sound pressure level (dB(A))</td>
<td>Sound power level (dB(A))</td>
<td>Vibration level (m/s²)</td>
<td>Sweping concept</td>
<td>Central height adjustment</td>
</tr>
</tbody>
</table>

- As standard
- 1 K factor according to Dir. 2006/42/EC = 2.0 dB(A)
- 2 Weight excluding battery
- 3 K value according to Dir. 2006/42/EC = 2 m/s²

### Cordless cut-off machine

<table>
<thead>
<tr>
<th>TSA 230</th>
<th>4864 011 6680</th>
<th>36</th>
<th>3.9</th>
<th>103</th>
<th>114</th>
<th>3.5/3.5</th>
<th>–</th>
<th>55.0</th>
<th>230</th>
<th>70</th>
<th>–</th>
</tr>
</thead>
<tbody>
<tr>
<td>Order number</td>
<td>Rated voltage (V)</td>
<td>Weight (kg)</td>
<td>Sound pressure level (dB(A))</td>
<td>Sound power level (dB(A))</td>
<td>Vibration level (m/s²)</td>
<td>Cutting wheel (mm)</td>
<td>Max. cutting depth (mm)</td>
<td>Maximum cutting thickness (mm)</td>
<td>Water connection</td>
<td>Magnesium guard</td>
<td>Length of connecting cable (m)</td>
</tr>
</tbody>
</table>

- As standard
- 1 With resin-bonded cutting wheel
- 2 Weight excluding battery and cutting wheel
- 3 K value according to Dir. 2006/42/EC = 2.0 dB(A)
- 4 K value according to Dir. 2006/42/EC = 2 m/s²

### Cordless pruning shears

<table>
<thead>
<tr>
<th>ASA 65</th>
<th>4861 011 6220</th>
<th>36</th>
<th>0.75</th>
<th>&lt; 2.5</th>
<th>–</th>
<th>–</th>
<th>45</th>
<th>–</th>
<th>–</th>
<th>1.6</th>
</tr>
</thead>
<tbody>
<tr>
<td>Order number</td>
<td>Rated voltage (V)</td>
<td>Weight (kg)</td>
<td>Vibration level (m/s²)</td>
<td>Cutting wheel (mm)</td>
<td>Max. cutting depth (mm)</td>
<td>Maximum cutting thickness (mm)</td>
<td>Water connection</td>
<td>Magnesium guard</td>
<td>Length of connecting cable (m)</td>
<td></td>
</tr>
</tbody>
</table>

- As standard
- 1 With resin-bonded cutting wheel
- 2 Weight excluding battery and cutting wheel
- 3 K value according to Dir. 2006/42/EC = 2.0 dB(A)
- 4 K value according to Dir. 2006/42/EC = 2 m/s²
- 5 Measurement with cutting wheels according to EN 60745-2-22

### KombiEngine

<table>
<thead>
<tr>
<th>KMA 130 R</th>
<th>NEW</th>
<th>4867 011 6820</th>
<th>36</th>
<th>3.2</th>
<th>92</th>
<th>104</th>
<th>5.8/5.2</th>
<th>15</th>
<th>58</th>
<th>815</th>
<th>67</th>
<th>1,110</th>
<th>92</th>
<th>–</th>
<th>–</th>
</tr>
</thead>
<tbody>
<tr>
<td>Order number</td>
<td>Rated voltage (V)</td>
<td>Weight (kg)</td>
<td>Sound pressure level (dB(A))</td>
<td>Sound power level (dB(A))</td>
<td>Vibration level (m/s²)</td>
<td>Length of connecting cable (m)</td>
<td>Harness</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- As standard
- 1 K factor according to Dir. 2006/42/EC = 2.0 dB(A)
- 2 Weight excluding battery
- 3 K value according to Dir. 2006/42/EC = 2 m/s²
- 4 K value according to Dir. 2006/42/EC = 1.5 m/s²
- 5 Measurement with cutting wheels according to EN 60745-2-22
## Battery Charging Times (min)\(^\circ\)

<table>
<thead>
<tr>
<th>Battery Type</th>
<th>AL 101</th>
<th>AL 300</th>
<th>AL 500</th>
</tr>
</thead>
<tbody>
<tr>
<td>Battery</td>
<td>–</td>
<td>–</td>
<td>–</td>
</tr>
<tr>
<td>Charging</td>
<td>–/55</td>
<td>20/30</td>
<td>20/30</td>
</tr>
<tr>
<td>Times (min)</td>
<td>80/105</td>
<td>45/35</td>
<td>45/35</td>
</tr>
<tr>
<td>AK 10</td>
<td>105/150</td>
<td>25/45</td>
<td>25/45</td>
</tr>
<tr>
<td>AK 20</td>
<td>160/205</td>
<td>35/60</td>
<td>35/60</td>
</tr>
<tr>
<td>AK 30</td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>

## Working Hours per Battery Charge (up to ... min)\(^\circ\)

<table>
<thead>
<tr>
<th>Battery Type</th>
<th>HSA 25</th>
<th>FSA 45 (with PolyCut 2-2 blade/line)</th>
<th>HSA 45</th>
<th>BGA 45</th>
<th>MSA 120 C-BQ</th>
<th>MSA 140 C-BQ</th>
<th>FSA 56 (with nylon mowing head)</th>
<th>HSA 56</th>
<th>BGA 56</th>
</tr>
</thead>
<tbody>
<tr>
<td>Battery</td>
<td>110</td>
<td>20/12</td>
<td>40</td>
<td>10</td>
<td>15</td>
<td>15</td>
<td>20</td>
<td>40</td>
<td>10</td>
</tr>
<tr>
<td>Charging</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>35</td>
<td>35</td>
<td>40</td>
<td>80</td>
<td>20</td>
</tr>
<tr>
<td>Times (min)</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>55</td>
<td>45</td>
<td>60</td>
<td>120</td>
<td>30</td>
</tr>
</tbody>
</table>

## Overview of Battery Ranges (up to ... m²)\(^\circ\)

<table>
<thead>
<tr>
<th>Battery Type</th>
<th>RMA 235</th>
<th>RMA 339/RMA 339 C</th>
</tr>
</thead>
<tbody>
<tr>
<td>Battery</td>
<td>–</td>
<td>–</td>
</tr>
<tr>
<td>Charging</td>
<td>100</td>
<td>150</td>
</tr>
<tr>
<td>Times (min)</td>
<td>200</td>
<td>300</td>
</tr>
<tr>
<td>Ranges (m²)</td>
<td>300</td>
<td>400</td>
</tr>
</tbody>
</table>

\(^\circ\) Recommended attachments

\(^\circ\) Reduced tool performance

\(^\circ\) See product description for charging times

\(^\circ\) Charging times in minutes to 80% capacity/100% capacity

\(^\circ\) The battery working times and area specifications for each battery charger are estimates and may vary depending on how the tool is used and what is being cut

\(^\circ\) Current delivery dates can be found at [www.stihl.com](http://www.stihl.com)
## Battery charging times (min)\(^{(1)}\)

<table>
<thead>
<tr>
<th>Battery</th>
<th>AP 100</th>
<th>AP 200</th>
<th>AP 300</th>
<th>AR 1000</th>
<th>AR 2000</th>
<th>AR 3000</th>
</tr>
</thead>
<tbody>
<tr>
<td>AL 101</td>
<td>60/90</td>
<td>125/165</td>
<td>190/250</td>
<td>–</td>
<td>–</td>
<td>–</td>
</tr>
<tr>
<td>AL 300</td>
<td>25/50</td>
<td>30/55</td>
<td>45/75</td>
<td>130/180</td>
<td>190/250</td>
<td>220/300</td>
</tr>
<tr>
<td>AL 500</td>
<td>25/35</td>
<td>25/35</td>
<td>25/35</td>
<td>90/120</td>
<td>100/130</td>
<td>120/160</td>
</tr>
</tbody>
</table>

## Working hours per battery charge (up to ... m\(^2\))\(^{(1)}\)

| Tool   | Working hours (min) | 15 | 25 | 45 | 75 | 120 | 180 | 200 | 300 | 380 | 180 | 230 | 180 | 220 | 180 | 220 | 180 | 230 | 180 | 230 |
|--------|---------------------|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| MSA 160 C-BQ | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| MSA 200 C-BQ | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| MSA 161 T | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| HTA 65  | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| HTA 85  | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| KMA 130 R | NEW | 13/8/6\(^{(c)}\) | 26/15/12\(^{(c)}\) | 38/23/18\(^{(c)}\) | 100/63/50\(^{(c)}\) | 150/90/75\(^{(c)}\) | 190/115/90\(^{(c)}\) |
| (with FS-KM, nylon mowing head)\(^{(3)}\) | – | – | – | – | – | – | – |
| KMA 130 R | NEW | 24/16/13\(^{(d)}\) | 50/32/25\(^{(d)}\) | 75/45/40\(^{(d)}\) | 200/130/100\(^{(d)}\) | 300/190/150\(^{(d)}\) | 370/240/190\(^{(d)}\) |
| (with FS-KM, grass cutting blade)\(^{(3)}\) | – | – | – | – | – | – | – |
| FSA 65  | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| FSA 85  | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| FSA 90 R (with nylon mowing head) | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| FSA 90 (with grass cutting blade) | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| FSA 130 R (with nylon mowing head) | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| FSA 130 (with grass cutting blade) | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| HSA 66  | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| HSA 86  | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| HSA 94 R | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| HSA 94 T | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| HLA 65  | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| HLA 85  | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| BGA 85  | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| BGA 100 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| KGA 770 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| TSA 230 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| ASA 65  | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| ASA 85  | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |

## Overview of battery ranges (up to ... m\(^2\))\(^{(1)}\)

| Tool    | Working hours (min) | 200 | 350 | 500 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
|---------|---------------------|-----|-----|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| RMA 443 / RMA 443 C/RMA 443 TC | NEW | 200 | 350 | 500 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| RMA 448 TC | NEW | 150 | 300 | 450 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| RMA 2 RT | NEW | 200 | 350 | 500 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |

\(^{(1)}\) Charging times in minutes to 80% capacity/100% capacity
\(^{(2)}\) 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
\(^{(3)}\) Working times in combination with other KombiTools are provided at [www.stihl.com/battery-life](http://www.stihl.com/battery-life)
\(^{(4)}\) Level 1 / level 2 / level 3
\(^{(5)}\) Level 1 / level 2 / level 3 / boost
\(^{(6)}\) Current delivery dates can be found at [www.stihl.com](http://www.stihl.com)
The right cordless tool for every task

Applications (example usage)

<table>
<thead>
<tr>
<th>Tools</th>
<th>up to 100 m²</th>
<th>up to 200 m²</th>
<th>up to 300 m²</th>
<th>up to 400 m²</th>
<th>up to 500 m²</th>
</tr>
</thead>
<tbody>
<tr>
<td>RMA 235</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>RMA 339/C</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>RMA 443/C/TC</td>
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<tr>
<td>RMA 448 TC</td>
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<tr>
<td>RMA 2 RT</td>
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</table>