

STIHL[®]

**Ready for any challenge.
STIHL battery power.**

For professionals and
hobby gardeners





Battery power – made by STIHL

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

You're always in the right place at STIHL The right product line can be found here.



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 Trimming, cutting and sawing are 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.

Content

STIHL cordless products	6
Product range	6
// Cordless shrub shears and hedge trimmers	8
// Cordless blower	9
// Cordless brushcutters	10
Overview of battery ranges	11
STIHL COMPACT cordless power system	12
Product range	16
Overview of battery ranges	
// Cordless lawn mower	17
// Cordless hedge trimmer	18
// Blower and brushcutter	19
// Cordless chainsaws	20
Accessories	21
STIHL PRO cordless power system	22
Product Range	
// Cordless lawn mower	26
// Cordless hedge trimmers	28
// Cordless long-reach hedge trimmers	30
// Cordless brushcutters	32
// Cordless blowers	34
// Cordless chainsaws	36
// Cordless arborist saw and cordless pole pruner	38
// Cordless KombiEngine	40
// Cordless pruning shears	42
// Cordless sweeping machine	44
// Cordless cut-off machine	46
Accessories	48
STIHL cordless tools overview	52
STIHL cordless charging times	60
STIHL cordless product guide	62

Key

The following symbols describe the performance features of the relevant models:



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!

Lithium-Ion

1 HSA 25



Order No. 4515 011 3500

2 HSA 45



Order No. 4511 011 3500



The control display gives you a constant overview of your tool's charging status.

- 1 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.)
- 2 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.



3 BGA 45 



3 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



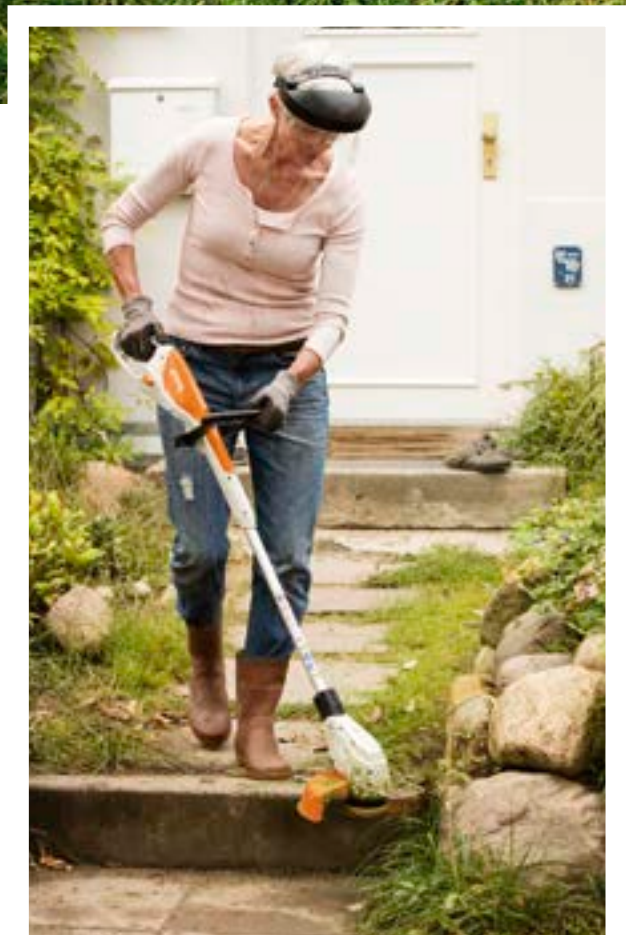
The HSA 25 is also suitable for particularly dense, fine flaky shrubs.



 FSA 45  Lithium-Ion



Order No. 4512 011 5700



4 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.



It's quick and easy to change the replacement blade.

Battery ranges ^① (example usage)

HSA 25



When trimming boxwood, up to ... balls



30 Balls

HSA 45



Up to ... m² of hedge



80 m²

BGA 45



Up to ... m² of dry leaves on asphalt



200 m²

FSA 45



Up to ... m of lawn edges/
up to ...m² of lawn



250 m/50 m²

^① Battery life durations and area specifications are estimates, and may vary depending on how the tool is being used and what is being cut.

STIHL cordless power system COMPACT

Lithium-Ion
COMPACT



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.



Ready for the challenge.



Leaves trimmed. Wood sawn.
Lawns maintained. Hedges cut. And
you are more relaxed than ever.

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.

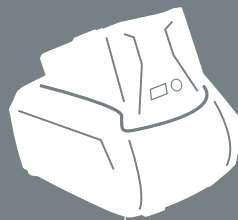


AL 101 // Standard charger with operating mode indicator (LED) and passive battery cooling. 230 V. Compatible with STIHL AP and AK batteries. Cord wrap with Velcro. Wall mounting possible.



One tool for everything.

One battery, one system, unique in application.



AK 10
AK 20
AK 30
AL 101



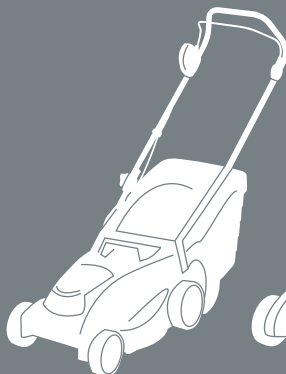
MSA 120 C-BQ
MSA 140 C-BQ



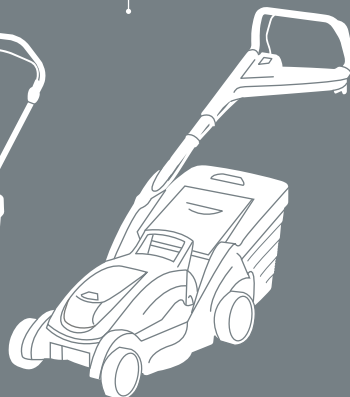
HSA 56



BGA 56



RMA 235



RMA 339
RMA 339 C

















FSA 56



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!

Overview of battery ranges ^① (example usage)		AK 10	AK 20	AK 30
RMA 235				
	Up to ... m ² of lawn 	100 m ² ②	200 m ²	300 m ²
RMA 339 / RMA 339 C				
	Up to ... m ² of lawn 	150 m ² ②	300 m ²	400 m ²
HSA 56				
	Up to ... m ² of hedge 	140 m ²	280 m ²	420 m ²
FSA 56				
	Up to ... m of lawn edges/ up to ...m ² of lawn 	500 m / 100 m ²	1.000 m / 200 m ²	1.500 m / 300 m ²
MSA 120 C-BQ				
	When sawing timber (10 x 10 cm) up to ... cuts 	40 cuts②	100 cuts	150 cuts
MSA 140 C-BQ				
	When sawing timber (10 x 10 cm) up to ... cuts 	40 cuts②	100 cuts②	180 cuts
BGA 56				
	Up to ... m ² of dry leaves on asphalt 	300 m ²	600 m ²	900 m ²

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




With the 2-fold height-adjustable rail, the lawn mower can be adapted to suit your height, enabling convenient operation.

1 RMA 235 

NEW



1 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

2 RMA 339 / RMA 339 C 

NEW



2 RMA 339 / RMA 339 C // Lightweight, manoeuvrable cordless lawn mower for mid-sized areas of lawn. Adjustable comfort mono handlebar (C model), central cutting-height adjustment, Eco mode, flow-optimised blade, 40-litre grass collection basket, foldable with fill level indicator.
Order No. 6320 011 1415
Order No. 6320 011 1420



Our
power packs
have never been this quiet.



3 HSA 56   



Order No. 4521 011 3500

4 BGA 56   



Order No. 4523 011 5900

3 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.

4 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.



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

5 FSA 56 ✓ AK 10 Lithium-Ion COMPACT



Order No. 4522 011 5700



When the anchorage engages audibly, the battery is securely fixed.

5 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

1 // MSA 120 C-BQ



Order No. 1254 011 5870

2 // MSA 140 C-BQ



Order No. 1254 011 5840

- 1 **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.
- 2 **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.



The narrow cutting kerf and low vibration make for extremely accurate cuts.





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




With a second battery, you're ready for even longer periods of use.

STIHL cordless power system PRO



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.



Tools with a connecting cable



AP 100
AP 200
AP 300



AP holster with connecting cable

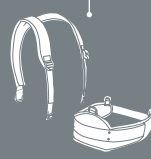
AR 1000
AR 2000
AR 3000



Support cushion set (FSA/BGA)



Carrying system



Battery belt with harness



Support cushion set (FSA/BGA)




2 RMA 443   

NEW



Order No. 6338 011 1401




1 RMA 443 C   

NEW






Order No. 6338 011 1411

3 RMA 448 TC   

NEW






Order No. 6358 011 1420

2 RMA 443 TC   

NEW



Order No. 6338 011 1420

5 RMA 2 RT   

NEW



Order No. 6357 011 1400



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.



1 HSA 66



Order No. 4851 011 3520

2 HSA 86



45 cm Order No. 4851 011 3529
62 cm Order No. 4851 011 3521

- 1 HSA 66 // 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 tipprotector.
- 2 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 tipprotector.

3 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.

4 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.

HSA 94 R   



60 cm **Order No. 4869 011 3502**
75 cm **Order No. 4869 011 3503**

HSA 94 T   



50 cm **Order No. 4869 011 3510**
60 cm **Order No. 4869 011 3511**
75 cm **Order No. 4869 011 3512**



The rotating multi-function handle of the HSA 94 makes vertical cutting even more comfortable.



HLA 65    



Order No. 4859 011 2900



*Fully
equipped,
even for greater challenges.*

- 1 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.



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



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



Order No. 4859 011 2920

2 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.

1 FSA 65   



Order No. 4852 011 5700



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



2 FSA 85   



Order No. 4852 011 5701

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.



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 double-shoulder 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   



Order No. 4853 011 5900

2 BGA 100   



Order No. 4866 011 5900

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 backpackbattery.)

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



1 MSA 160 C-BQ



25 cm **Order No. 1250 200 0065**
 30 cm **Order No. 1250 200 0049**

2 MSA 200 C-BQ



30 cm **Order No. 1251 200 0018**
 35 cm **Order No. 1251 200 0021**

- 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, 1/4" 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, 1/4" 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.

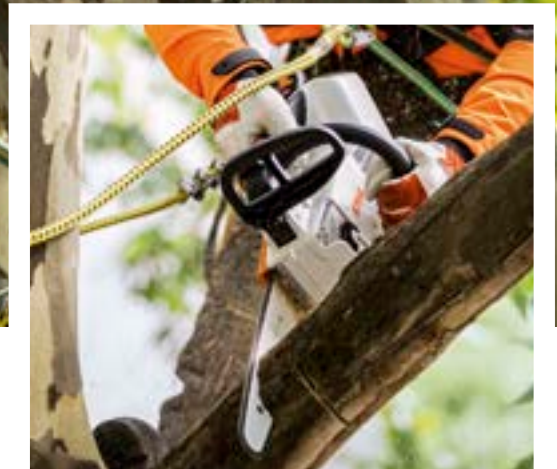


//////

***At full
speed in
wood –***
*with innovative EC motors
from STIHL.*

//////





MSA 161 T    



NEW
Available from
spring 2018! [Ⓢ]



25 cm **Order No. 1252 200 0043**
30 cm **Order No. 1252 200 0044**

1 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.

2 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.



3 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.

2 HTA 65 ✓ AP 200



Order No. 4857 200 0018

3 HTA 85 ✓ AP 300



Order No. 4857 200 0005

STIHL cordless power system PRO // KombiEngine








KMA 130 R

NEW



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.*

//////////

1 ASA 65   



1 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





Depending on your needs, you can choose the "proportional cut" or "pulse cut" setting while you work.



2 ASA 85   



2 **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





The KGA 770 works perfectly on a huge range of surfaces.



KGA 770



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

TSA 230



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 belt drive.
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^①, 0,8 kg
Order No. 4850 400 6520

AP 200

151 Wh battery power^①, 1,3 kg
Order No. 4850 400 6530

AP 300

227 Wh battery power^①, 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

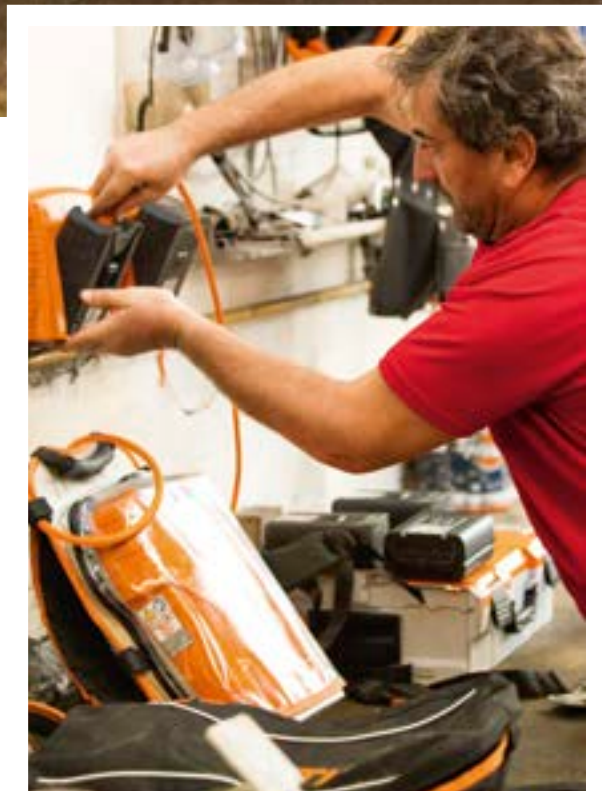
626 Wh battery power^①,
 4,1 kg^② / 5,5 kg^③
Order No. 4865 400 6505

AR 2000

916 Wh battery power^①,
 6,5 kg^② / 7,8 kg^③
Order No. 4865 400 6510

AR 3000

1.148 Wh battery power^①,
 6,8 kg^② / 8,1 kg^③
Order No. 4865 400 6520



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

① Power capacity according to the specifications of the cell manufacturer. The power capacity available during actual operation is lower to increase service life.

② Weight excluding carrying system
 ③ Weight including carrying system



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

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

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.

AP holster with connecting cable

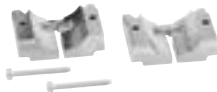
Makes it possible to transfer energy between a STIHL AP battery and a device with a connecting cable. Can be combined with the battery belt carrying system.



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

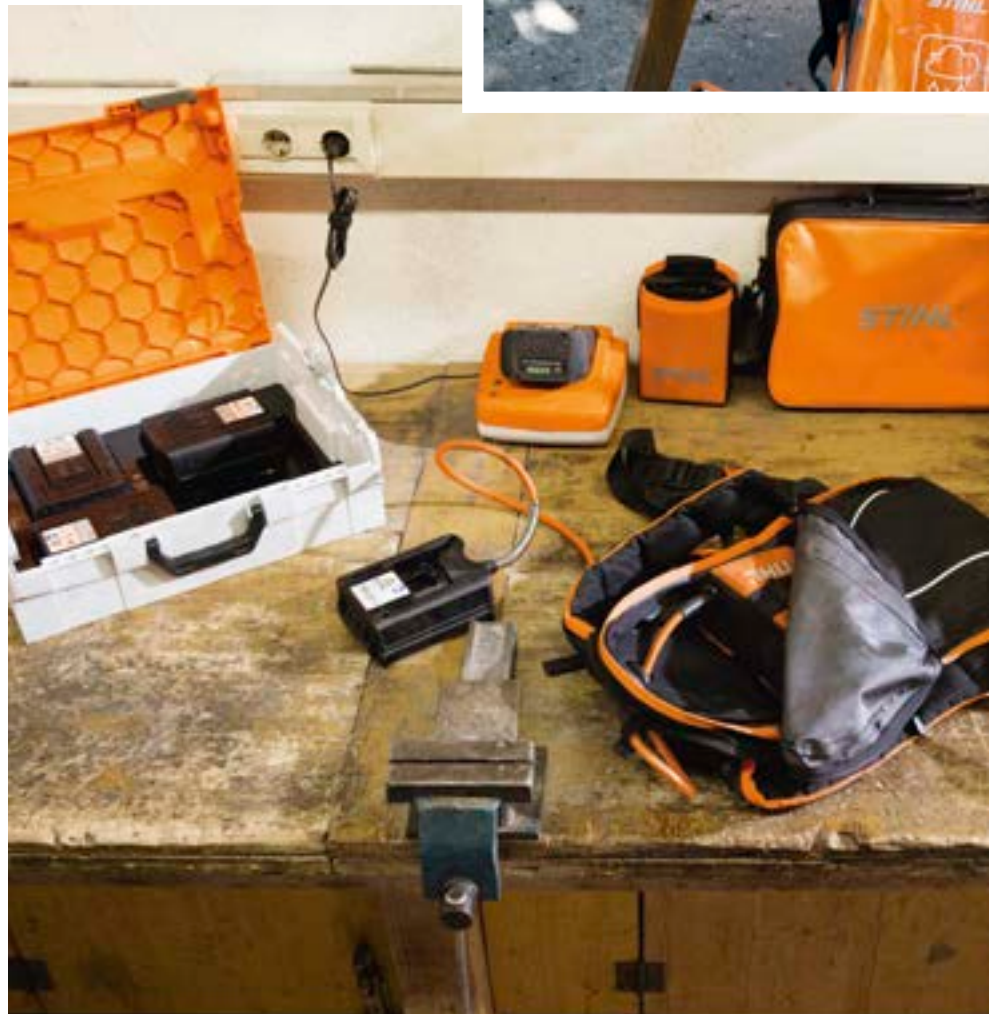


Accessories: additional weights for the AP adapter. For attachment to the AP adapter to improve the balance of the tool, e.g. the FSA 90, approx. 500g.
Order No. 4850 007 1001

Carrying system



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 Globelyst in-vehicle systems.



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

Order No. 0000 881 5605



For AP or AR batteries and chargers.

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

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

Battery belt with harness



NEW

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



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

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



Akku-Rasenmäher		Order number	Cutting width (cm)	Cutting height (mm)	Cut-height adjustment	Grass catcher box (l)	Weight (kg)	Rated voltage (V)	Working speed (rpm)	Mulch function	Wheel drive	Comfort mono handlebar	Folding grass-collection box	Quick-fix quick-release tensioner	Central height adjustment	Flow-optimised blades
RMA 235	NEW	6311 011 1410	33	25–65	5-level (central)	30	14,0 ^①	36	3.300	–	–	–	●	–	●	●
Set RMA 235 mit AK 20 + AL 101	NEW	6311 200 0005	33	25–65	5-level (central)	30	15,2 ^②	36	3.300	–	–	–	●	–	●	●
Set RMA 235 mit AK 30 + AL 101	NEW	6311 200 0007	33	25–65	5-level (central)	30	15,3 ^②	36	3.300	–	–	–	●	–	●	●
RMA 339	NEW	6320 011 1415	37	30–70	5-level (central)	40	14,0 ^①	36	3.350	○	–	–	●	–	●	●
Set RMA 339 mit AK 20 + AL 101	NEW	6320 011 0039	37	30–70	5-level (central)	40	15,2 ^②	36	3.350	○	–	–	●	–	●	●
Set RMA 339 mit AK 30 + AL 101	NEW	6320 011 0045	37	30–70	5-level (central)	40	15,3 ^②	36	3.350	○	–	–	●	–	●	●
RMA 339 C	NEW	6320 011 1420	37	30–70	5-level (central)	40	16,0 ^①	36	3.350	○	–	●	●	–	●	●
Set RMA 339 C mit AK 20 + AL 101	NEW	6320 011 0040	37	30–70	5-level (central)	40	17,2 ^②	36	3.350	○	–	●	●	–	●	●
Set RMA 339 C mit AK 30 + AL 101	NEW	6320 011 0046	37	30–70	5-level (central)	40	17,3 ^②	36	3.350	○	–	●	●	–	●	●
RMA 443	NEW	6338 011 1401	41	25–75	6-level (central)	55	20,0 ^①	36	3.150	○	–	–	●	●	●	●
Set RMA 443 mit AP 200 + AL 101	NEW	6338 200 0031	41	25–75	6-level (central)	55	21,3 ^②	36	3.150	○	–	–	●	●	●	●
RMA 443 C	NEW	6338 011 1411	41	25–75	6-level (central)	55	21,0 ^①	36	3.150	○	–	●	●	–	●	●
Set RMA 443 C mit AP 200 + AL 101	NEW	6338 200 0032	41	25–75	6-level (central)	55	22,3 ^②	36	3.150	○	–	●	●	–	●	●
RMA 443 TC	NEW	6338 011 1420	41	25–75	6-level (central)	55	23,0 ^①	36	3.150	○	●	●	●	–	●	●
Set RMA 443 TC mit AP 200 + AL 101	NEW	6338 200 0033	41	25–75	6-level (central)	55	24,3 ^②	36	3.150	○	●	●	●	–	●	●
RMA 448 TC	NEW	6358 011 1420	46	25–75	6-level (central)	55	24,0 ^①	36	3.150	○	●	●	●	–	●	●
Set RMA 448 TC mit AP 200, AP 300 + AL 300	NEW	6358 200 0008	46	25–75	6-level (central)	55	25,7 ^②	36	3.150	○	●	●	●	–	●	●
RMA 2 RT	NEW	6357 011 1400	46	25–85	4-level (for each axle)	–	23,0 ^①	36	3.150	●	●	–	–	●	–	–
Set RMA 2 RT mit AP 300 + AL 300	NEW	6357 200 0000	46	25–85	4-level (for each axle)	–	24,7 ^②	36	3.150	●	●	–	–	●	–	–

● As standard
○ Retrofittable (accessory)

C = comfort version
R = Recycler (mulch mower)
T = 1 gear

① Weight excluding battery
② Weight including battery, excluding charger
③ Current delivery dates can be found at www.stihl.com

STIHL cordless tools overview

	Order number	Bar length (cm)	Rated voltage (V)	Weight (kg)	Sound pressure level ^② (dB(A))	Sound power level ^③ (dB(A))	Vibration level left/right ^④ (m/s ²)	Total length ^④ (cm)	Stroke rate (min ⁻¹)	Tooth spacing (mm)
Cordless long-reach hedge trimmer										
HLA 65 (115°)	4859 011 2900	50	36	3.5 ^①	85	94	3.5/3.5	205	3,000	33
HLA 85 (115°)	4859 011 2920	50	36	4.4 ^①	75	94	2.0/2.0	260–330	3,000	33

① Weight excluding battery

② K value according to Dir. 2006/42/EC = 2.0 dB(A)

③ K value according to Dir. 2006/42/EC = 2 m/s²

④ With blade cutting attachment



Cordless hedge trimmers											
	Order number	Bar length (cm)	Rated voltage (V)	Weight (kg)	Sound pressure level ^⑤ (dB(A))	Sound power level ^⑥ (dB(A))	Vibration level left/right ^⑦ (m/s ²)	Total length (cm)	Stroke rate (min ⁻¹)	Tooth spacing (mm)	Rotary handle
HSA 25	4515 011 3500	17	10.8	0.6 ^①	70	80	1.2/1.4g	50	2,000	19	–
HSA 45	4511 011 3500	50	18	2.3 ^②	54	77	1.4/1.5	92	2,500	24	–
HSA 56	4521 011 3500	45	36	2.9 ^③	80	91	2.7/1.2	94	2,800	30	–
HSA 56 set with AK 10 + AL 101	4521 011 3510	45	36	3.7 ^④	80	91	2.7/1.2	94	2,800	30	–
HSA 66	4851 011 3520	50	36	3.1 ^③	83	94	3.7/2.3	103	3,000	30	–
HSA 66 set with AP 100 + AL 101	4851 200 0099	50	36	3.9 ^④	83	94	3.7/2.3	103	3,000	30	–
HSA 86	4851 011 3529	45	36	3.0 ^③	83	94	3.7/2.3	98	3,000	33	–
HSA 86	4851 011 3521	62	36	3.3 ^③	83	94	3.7/2.3	115	3,000	33	–
HSA 94 R	4869 011 3502	60	36	4.1 ^③	83	94	3.6/3.1	117	2,800/3,000/3,200 ^⑧	38	●
HSA 94 R	4869 011 3503	75	36	4.4 ^③	84	95	4.2/3.3	132	2,800/3,000/3,200 ^⑧	38	●
HSA 94 T	4869 011 3510	50	36	3.7 ^③	84	95	3.8/2.7	106	4,400/4,700/5,000 ^⑧	30	●
HSA 94 T	4869 011 3511	60	36	3.9 ^③	85	96	4.0/3.1	118	4,400/4,700/5,000 ^⑧	30	●
HSA 94 T	4869 011 3512	75	36	4.1 ^③	86	97	3.2/3.1	130	4,400/4,700/5,000 ^⑧	30	●

R = Pruning
T = Trimming

① Weight excluding battery, including cutting tool
② Weight including battery
③ Weight excluding battery

④ Weight including battery, excluding charger
⑤ K value according to Dir. 2006/42/EC = 2.0 dB(A)
⑥ K value according to Dir. 2006/42/EC = 2 m/s²

⑦ With shrub cutter/with grass trimmer
⑧ Level 1/Level 2/Level 3



STIHL cordless tools overview

Order number		Rollomatic E bar (bar length, cm [Ⓛ])	Rated voltage (V)	Weight (kg)	System weight [Ⓛ] (kg)	Sound pressure level [Ⓛ] (dB(A))	Sound power level [Ⓛ] (dB(A))	Vibration level left/right [Ⓛ] (m/s ²)	Saw chain pitch	STIHL Ollomatic chain type	Total length with cutting attachment (cm)	STIHL Quick Chain Tensioning (B)	QuickStop Super chain brake (Q)	Tool-free oil tank cap	Overload protection	Soft handle
Cordless chainsaws																
MSA 120 C-BQ	1254 011 5870	30	36	2.7 [Ⓛ]	–	83	94	3.4/3.2	1/4" P	PM3	–	●	●	–	●	●
MSA 120 C-BQ set with AK 20 + AL 101	1254 011 5880	30	36	2.7 [Ⓛ]	3.9 [Ⓛ]	83	94	3.4/3.2	1/4" P	PM3	–	●	●	–	●	●
MSA 140 C-BQ	1254 011 5840	30	36	2.6 [Ⓛ]	–	83	94	4.3/4.8	1/4" P	PM3	–	●	●	–	●	●
MSA 140 C-BQ set with AK 30 + AL 101	1254 011 5850	30	36	2.6 [Ⓛ]	3.9 [Ⓛ]	83	94	4.3/4.8	1/4" P	PM3	–	●	●	–	●	●
MSA 160 C-BQ	1250 200 0065 1250 200 0049	25 30	36	3.1 [Ⓛ]	–	84	95	2.7/2.9	1/4" P	PM3	–	●	●	●	●	●
MSA 160 C-BQ set with AP 200 + AL 101	1250 200 0095	30	36	3.1 [Ⓛ]	4.4 [Ⓛ]	84	95	2.7/2.9	1/4" P	PM3	–	●	●	●	●	●
MSA 200 C-BQ	1251 200 0018 1251 200 0021	30 35	36	3.3 [Ⓛ]	–	84	95	4.6/3.9	1/4" P	PM3	–	●	●	●	●	●
MSA 200 C-BQ set with AP 300 + AL 300	1251 200 0045	35	36	3.3 [Ⓛ]	5.0 [Ⓛ]	84	95	4.6/3.9	1/4" P	PM3	–	●	●	●	●	●
Cordless arborist saw																
MSA 161 T	1252 200 0043 1252 200 0044	25 30	36	2.5 [Ⓛ]	–	84	94	2.5	1/4" P	PM3	–	–	●	●	●	●
Cordless pole pruner																
HTA 65	4857 200 0018	25	36	3.8 [Ⓛ]	–	76	93	2.5/2.5	1/4" P	PM3	240	–	–	●	●	●
HTA 85	4857 200 0005	30	36	4.9 [Ⓛ]	–	76	93	1.0/1.0	1/4" P	PM3	270–390	–	–	●	●	●

● 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
 ② Weight excluding battery but including guide bar and saw chain
 ③ Powerhead excluding fuel, including guide bar and saw chain
 ④ Weight including battery, with guide bar and saw chain, without charger

Ⓛ K value according to Dir. 2006/42/EC = 2.5 dB(A)
 Ⓛ K value according to Dir. 2006/42/EC = 2 m/s²
 ⑦ Current delivery dates can be found at www.stihl.com



Cordless brushcutters		Order number	Rated voltage (V)	Weight (kg)	Sound pressure level ^① (dB(A))	Sound power level ^② (dB(A))	Vibration level left/right ^③ (m/s ²)	Total length without cutting tool (cm)	Cutting circle diameter (mm)	Standard cutting tool	Round handle/two-hand handle/loop handle	Tool-free handle adjustment	Harness/carrying system	Mowing/shredding/sawing jobs
FSA 45^①	4512 011 5700	18	2.3 ^④	77	87	1.7/4.9	110	≤250	Mowing head PolyCut 2-2	-/-●	●	-	●/-/-	
FSA 56^①	4522 011 5700	36	2.5 ^④	72	86	3.5/3.5	147	280	Mowing head AutoCut 2-2	-/-●	●	○	●/-/-	
FSA 56^① set with AK 10 + AL 101	4522 011 5710	36	3.3 ^⑤	72	86	3.5/3.5	147	280	Mowing head AutoCut 2-2	-/-●	●	○	●/-/-	
FSA 65^①	4852 011 5700	36	2.7 ^④	75	91	1.3/1.1	153	300	Mowing head AutoCut C 4-2	-/-●	●	○	●/-/-	
FSA 65^① set with AP 100 + AL 101	4852 200 0057	36	3.5 ^⑤	75	91	1.3/1.1	153	300	Mowing head AutoCut C 4-2	-/-●	●	○	●/-/-	
FSA 85^②	4852 011 5701	36	2.8 ^④	77	94	1.4/0.8	165	350	Mowing head AutoCut C 4-2	-/-●	●	○	●/-/-	
FSA 90 R^②	4863 200 0028	36	2.8 ^④	78	90	4.8/3.5	177	380	Mowing head AutoCut 25-2	●/-/-	-	●	●/-/-	
FSA 90^②	4863 200 0003	36	3.2 ^⑥	73	84	1.0/1.0	177	260	Grass cutting blade 260-2	-/●/-	●	●	●/-/-	
FSA 130 R^②	4867 200 0002	36	3.9 ^⑥	83	94	3.3/3.5	175	420	Mowing head AutoCut C 26-2	●/-/-	●	●	●/-/-	
FSA 130^②	4867 200 0001	36	4.5 ^⑥	82	94	1.4/1.9	175	260	Grass cutting blade 260-2	-/●/-	●	●	●/-/●	

● As standard
○ Retrofittable (accessory)
R = Loop handle

① Fixed speed
② Infinitely variable speed
③ Weight including battery
④ Weight excluding battery, including cutting tool and guard

⑤ Weight including battery, excluding charger
⑥ Weight excluding battery, cutting tool and guard
⑦ K factor according to Dir. 2006/42/EC= 2.5 dB (A) with standard tool
⑧ K factor according to Dir. 2006/42/EC= 2 m/s² with standard tool



STIHL cordless tools overview

	Order number	Rated voltage (V)	Weight (kg)	Sound pressure level ^① (dB(A))	Sound power level ^② (dB(A))	Vibration level right ^③ (m/s ²)	Blowing force (N) ^④	Air speed (m/s) with round nozzle/flat nozzle	Air throughput (m ³ /h) with round nozzle/flat nozzle	Max. air speed (m/s) with round nozzle/flat nozzle	Max. air throughput ^⑤ (m ³ /h) with round nozzle/flat nozzle	Round nozzle/flat nozzle
Cordless blowers												
BGA 45	4513 011 5900	18	2.0 ^①	76	87	3.2	5	38/-	420/-	44/-	500	●/-
BGA 56	4523 011 5900	36	2.1 ^②	79	91	2.5	9	45/-	600/-	54/-	750	●/○
BGA 56 set with AK 20 + AL 101	4523 011 5910	36	3.3 ^③	79	91	2.5	9	45/-	600/-	54/-	750	●/○
BGA 85	4853 011 5900	36	3.2 ^②	83	98	2.5	10	47/-	665/-	56/-	845	●/○
BGA 85 set with AP 200 + AL 101	4853 200 0039	36	4.5 ^③	83	98	2.5	10	47/-	665/-	56/-	845	●/○
BGA 100	4866 011 5900	36	2.5 ^②	80	90	2.5	17 ^⑦	63 ^⑦ /-	840 ^⑦ /-	75 ^⑦ /-	1,040	●/○

● As standard
○ Retrofittable (accessory)

① Weight including battery
② Weight excluding battery
③ Weight including battery, excluding charger
④ K value according to Dir. 2006/42/EC = 2.0 dB(A)

⑤ K value according to Dir. 2006/42/EC = 2 m/s²
⑥ Combination of air speed and air throughput
⑦ In boost
⑧ Without blowing system/nozzle



KombiEngine															
Order number	Rated voltage (V)	Weight (kg)	Sound pressure level ^① (dB(A)) ^②	Sound power level ^① (dB(A)) ^②	Vibration level left/right ^③ (m/s ²) ^②	In combination with BG-K1M : blowing force (N)	In combination with BG-K1M : air speed (m/s) with round nozzle ^④	In combination with BG-K1M : throughput (m ³ /h) with round nozzle ^④	In combination with BG-K1M : max. air speed (m/s)	In combination with BG-K1M : max. air throughput (m ³ /h) ^⑤	Length † to coupling sleeve (cm)	Loop handle	Harness		
KMA 130 R NEW	4867 011 6820	36	3.2 ^⑥	92	104	5.8/5.2	15	58	815	67	1,110	92	●	●	

- As standard
- ① K factor according to Dir. 2006/42/EC = 2.0 dB(A)
- ② Maximum values for KombiTools that can be used
- ③ K value according to Dir. 2006/42/EC = 2 m/s²
- ④ In blower mode
- ⑤ Without blowing system/nozzle
- ⑥ Weight excluding fuel







Cordless sweeping machine																		
Order number	Container capacity (l)	Sweep width (cm)	Rated voltage (V)	Weight (kg)	Sound pressure level ^② (dB(A))	Sound power level ^② (dB(A))	For areas up to ... (m ²)	Sweeping concept	Central height adjustment	Protective cover for the long-life transmission	All-around sealing + air filter	Bristle hold-downclamp	Ergonomically designed push bar and power sweep	Indoors: interlocking paving/ sealed floors	Outdoor areas: asphalt/exposed cobblestones aggregate concrete/paving stones/			
KGA 770	4860 011 4703	50	77	36	16.0 ^①	64	80	2,000	MultiClean PLUS	●	●	●	●	●	●/●	●/●	●/●/●	●/●/●



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

Cordless cut-off machine ^①															
Order number	Rated voltage (V)	Weight (kg)	Sound pressure level ^④ (dB(A))	Sound power level ^④ (dB(A))	Vibration level left/right ^⑤ (m/s ²)	Vibrationswert ^⑥ (m/s ²)	Total length (cm)	Cutting wheel (mm)	Max. cutting depth (mm)	Maximum cutting thickness (mm)	Water connection	Magnesium guard	Length of connecting cable (m)		
TSA 230	4864 011 6600	36	3.9 ^②	103 ^⑦	114 ^⑦	3.5/3.5	–	55.0	230	70	–	●	●	–	
Cordless pruning shears															
ASA 65	4861 011 6220	36	0.75 ^③	< 70	–	–	< 2.5	–	–	–	35	–	–	1.6	
ASA 85	4861 011 6200	36	0.98 ^③	< 70	–	–	< 2.5	–	–	–	45	–	–	1.6	

- As standard
- ① With resin-bonded cutting wheel
- ② Weight excluding battery and cutting wheel
- ③ Weight including blades, excluding battery and carrying system
- ④ K value according to Dir. 2006/42/EC = 2.0 dB(A)
- ⑤ K value according to Dir. 2006/42/EC = 2 m/s²
- ⑥ K value according to Dir. 2006/42/EC = 1.5 m/s²
- ⑦ Measurement with cutting wheels according to EN 60745-2-22

battery charge times and battery life

	Replacement battery ^①	Integrated battery ^①	AK 10	AK 20	AK 30
					
Battery charging times (min)^②					
AL 101 	–	–	55/80	105/150	160/205
AL 300 	–	–	20/30	25/45	35/60
AL 500 	–	–	20/30	25/45	35/60
Working hours per battery charge (up to ... min)^③					
HSA 25	110	–	–	–	–
FSA 45 (with PolyCut 2-2 blade/line)	–	20/12	–	–	–
HSA 45	–	40	–	–	–
BGA 45	–	10	–	–	–
MSA 120 C-BQ	–	–	15	35	55
MSA 140 C-BQ	–	–	15	35	45
FSA 56 (with nylon mowing head)	–	–	20	40	60
HSA 56	–	–	40	80	120
BGA 56	–	–	10	20	30
Overview of battery ranges (up to ... m²)^④					
RMA 235	NEW	–	100	200	300
RMA 339/RMA 339 C	NEW	–	150	300	400

 Recommended attachments
 Reduced tool performance

① See product description for charging times

② Charging times in minutes to 80% capacity/**100% capacity**

③ 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

④ Current delivery dates can be found at www.stihl.com





Battery charging times (min)^①

	AP 100	AP 200	AP 300	AR 1000	AR 2000	AR 3000
AL 101	60/90	125/165	190/250	–	–	–
AL 300	25/50	30/55	45/75	130/180	190/250	220/300
AL 500	25/35	25/35	25/35	90/120	100/130	120/160

Working hours per battery charge (up to ... min)^②

MSA 160 C-BQ	15	35	50	125	180	230
MSA 200 C-BQ	15	35	45	110	160	200
MSA 161 T NEW Available from spring 2018! ^⑥	15	35	50	125	180	230
HTA 65	15	35	55	125	180	230
HTA 85	15	35	55	125	180	230
KMA 130 R (with FS-KM, nylon mowing head) ^③ NEW	13/8/6 ^④	26/15/12 ^④	38/23/18 ^④	100/63/50 ^④	150/90/75 ^④	190/115/90 ^④
KMA 130 R (with FS-KM, grass cutting blade) ^③ NEW	24/16/13 ^④	50/32/25 ^④	75/45/40 ^④	200/130/100 ^④	300/190/150 ^④	370/240/190 ^④
FSA 65	25	50	75	200	300	380
FSA 85	15	30	45	120	180	220
FSA 90 R (with nylon mowing head)	10	20	30	80	120	150
FSA 90 (with grass cutting blade)	15	30	45	120	180	220
FSA 130 R (with nylon mowing head)	16/12/8 ^④	25/20/15 ^④	40/30/20 ^④	100/85/70 ^④	150/120/100 ^④	190/150/125 ^④
FSA 130 (with grass cutting blade)	30/23/15 ^④	60/45/30 ^④	85/70/45 ^④	230/185/120 ^④	330/250/170 ^④	420/320/215 ^④
HSA 66	60	120	180	450	660	800
HSA 86	60	120	180	450	660	800
HSA 94 R	45/40/35 ^④	90/80/70 ^④	135/120/105 ^④	380/350/320 ^④	550/500/450 ^④	700/630/570 ^④
HSA 94 T	45/40/35 ^④	90/80/70 ^④	135/120/105 ^④	380/350/320 ^④	550/500/450 ^④	700/630/570 ^④
HLA 65	60	120	180	450	660	800
HLA 85	60	120	180	450	660	800
BGA 85	8	16	24	65	90	115
BGA 100	27/11/7/7 ^⑤	55/22/13/10 ^⑤	83/33/21/16 ^⑤	225/95/60/45 ^⑤	300/130/80/60 ^⑤	395/160/100/75 ^⑤
KGA 770	70	140	210	–	–	–
TSA 230	6	12	18	50	75	95
ASA 65	210	420	630	–	–	–
ASA 85	200	400	600	–	–	–

Overview of battery ranges (up to ... m²)^②

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	–	–	–

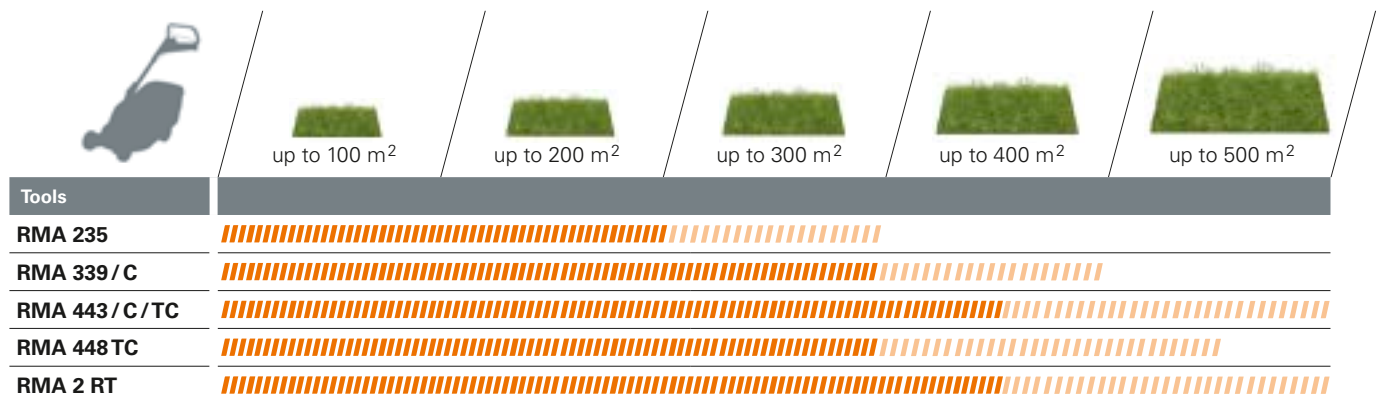
Recommended attachments
 Reduced tool performance

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
 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

The right cordless tool for every task

Applications (example usage)





0420 000 0108. M1.2. C8. S0308. ME. Printed in Germany © ANDREAS STIHL AG & Co., KG 2018.
Environmentally friendly, chlorine-free, bleached paper.

For further information and advice:

www.stihl.com