

**STIHL**®



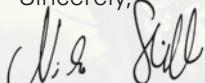
## Power Tools & Accessories



# STIHL dealers are the foundation of our success.

Sophisticated technology and solutions suited for our customers' specific needs are what make our products unique. Behind these achievements are experts in various fields working together and at their own test stations or in their own laboratories. We plan to continue to rely on that expertise in the future. The expansion of the development center at our German company headquarters will consolidate our position as the world's largest designer of handheld outdoor power equipment, as well as make a strong statement about our commitment to quality and innovation. That commitment is reflected in STIHL's discoveries that are protected by over 2,000 registered patents worldwide. Building on these discoveries, our innovations continue to make important advances in the area of fuel-powered technologies. But at the same time we're also promoting new technologies, such as electric and battery power. With our own solutions and with a single goal, we want to win you over 100% with the performance of our robust power tools.

Sincerely,



Dr. Nikolas Stihl  
Chairman of the Advisory Board  
of STIHL Holding AG & Co. KG



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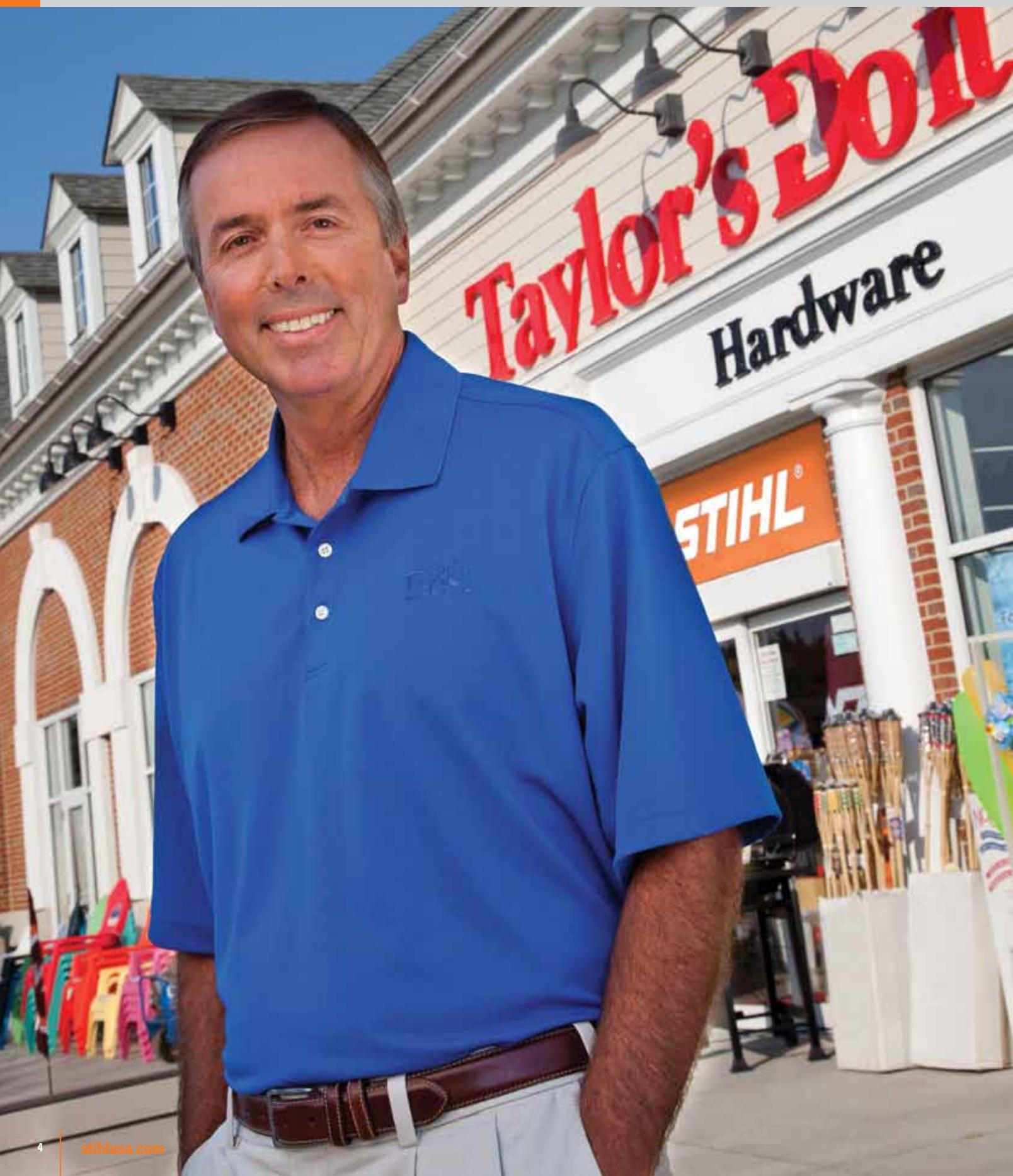
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**Over a thousand engineers across the globe are working on cutting-edge technologies for our products.**

STIHL's philosophy is to continually improve all of its products. As a result, engineering changes and improvements are made from time to time. Specifications and photos are as of Oct. 1, 2014, and are subject to change without notice.

**STIHL products sold through U.S. dealers are for distribution in the United States only.**

## 10 Reasons to Choose an Independent Servicing Dealer.



From homeowners to landscapers and farmers to firefighters, people across the country are choosing STIHL Dealers over mass merchants. The reason? STIHL Dealers service what they sell and deliver a level of knowledge and dedication you won't find at some of the larger stores.



#### REASON #1

STIHL Dealers are outdoor power equipment specialists.



#### REASON #3

STIHL Dealers service what they sell.



#### REASON #5

STIHL Dealers can provide operating and safety demonstrations.



#### REASON #7

STIHL Dealers complete your product registration for you.



#### REASON #9

STIHL Dealers offer a full line of protective apparel.



#### REASON #2

STIHL Dealers offer advice in choosing the right products for your needs.



#### REASON #4

A STIHL Dealer's service department is staffed with Trained Technicians.



#### REASON #6

At a STIHL Dealership, products are assembled and serviced and not sold "in a box."



#### REASON #8

When you buy from a STIHL Dealer, you are guaranteed genuine STIHL products and parts.



#### REASON #10

At a STIHL Dealership, you'll get face-to-face customer service. Now that you've read the reasons, experience a STIHL Dealer yourself.

# STIHL Battery-Powered Tools

## No Cords. No Exhaust Emissions. No Compromise.

Each tool in this innovative battery system is powered by Lithium-Ion technology, delivering long run times with no gradual drop in power. And because our Lithium-Ion batteries are designed to work with the STIHL Battery KombiSystem tools, you can tackle a wide range of outdoor projects – no gasoline required. 

- Environmentally responsible option for high-performance machines
- Eliminates fuel cost for less expensive long-term operation
- No cord, no exhaust emissions, no gasoline smell
- Instant startup – just pull the trigger
- No need for oil and fuel mixing
- Less vibration and quieter equipment performance



**AR 900  
Backpack Battery**  
see page 166



**RMA 370  
Lawn Mower**  
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**BGA 85  
Blower**  
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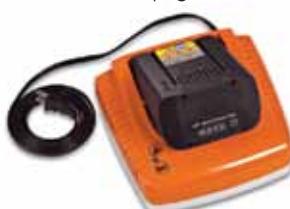


**NEW! TSA 230  
Cut-off Machine**  
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**Battery Belt & Bag**



**AP 180 Battery**  
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# STIHL® Battery KOMBI SYSTEM

Lithium-Ion  
■■■■ 36v



FSA 65  
Trimmer  
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FSA 85  
Trimmer  
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NEW! FSA 90 R  
Trimmer  
see page 58

HTA 85  
Pole Pruner  
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HLA 65  
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NEW! HLA 85  
Telescoping  
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MSA 160 C-BQ  
Chain Saw  
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MSA 200 C-BQ  
Chain Saw  
see page 24

Available 2016



NEW! MSA 160 T  
Top-handle Chain Saw  
see page 34



The STIHL Inc. "Caring for Nature" seal identifies its powered products that are more environmentally conscious, producing zero or low-exhaust emissions. STIHL Inc. defines "low-exhaust emissions" as being cleaner than EPA and/or CARB exhaust emission standards.

# STIHL Electric-Powered Tools

Make an impact on your landscape without the carbon footprint. STIHL electric-powered lawn equipment combines performance, portability and convenience – all in an environmentally conscious package. Both homeowners and professionals appreciate their smooth, quiet operation, instant starting and lightweight design. 

- Combines performance, portability and convenience with smooth, quiet operation
- Eliminates fuel costs, engine exhaust and seasonal maintenance
- Just plug them in and start with a squeeze of the trigger
- An ideal choice for densely populated and noise-sensitive areas



**FSE 60**  
**Trimmer**  
see page 55



**SE 122**  
**Wet/Dry**  
**Vacuum**  
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**BGE 61**  
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**BGE 71**  
**Blower**  
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## Environmentally Conscious Options



**NEW! SE 62**  
Wet/Dry  
Vacuum  
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**HSE 52**  
Hedge Trimmer  
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**HSE 70**  
Hedge Trimmer  
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**MSE 170 C-BQ**  
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**MSE 210 C-BQ**  
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**NEW! MSE 250 C-Q**  
Chain Saw  
see page 27

**"I can work for several hours with no fatigue as the weight and balance is excellent."**

HSE 52 Hedge Trimmer      ★★★★★

7/2/14 - User: PeterPen - Leesburg, FL

Check out this review and others on the product page at [stihlusa.com](http://stihlusa.com)

A close-up, slightly blurred photograph of dense green foliage and sunlight filtering through the leaves.

**Real people. STIHL people.**

*"Years of experience has taught me that there's just no better manufacturer of outdoor power equipment than STIHL."*

**Bill Chambers, Disaster Relief**



# Chain Saw Features

## Learn how to run and maintain your chain saw

Scan this QR Code with your smartphone or tablet to learn about chain saw safety, operation and maintenance.



**NOTE:** STIHL chain saws have many common features, all models may not have every feature shown here. Consult your dealer for details.



### Chain Saw Feature Designations:

#### C Features

- B** = QCA (Quick Chain Adjuster)
- E** = Easy2Start™
- M** = STIHL M-Tronic™
- Q** = STIHL Quickstop® Plus – an additional chain braking feature

#### Other Features

- R** = Wrap handle
- T** = Top handle (on the nameplate)

#### Naming Example: MS 211 C-BE

This saw has a Quick Chain Adjuster (B) and the Easy2Start™ system (E).



#### Easy2Start™ (E)

This advanced starting system is designed to make starting STIHL products fast and easy.



#### STIHL M-Tronic™ (M)

Microprocessor-controlled engine adjusts to compensate for changes in operating conditions, thus maintaining optimum engine performance.



#### Pre-Separation Air Filtration System

Less dirt is captured by the air filter, resulting in less frequent cleaning and maintenance.



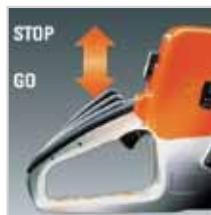
#### Anti-Vibration System

Minimizes the vibration levels of handheld outdoor power equipment and helps reduce operator fatigue.



#### STIHL Quickstop® Chain Brake System

Can be activated by inertia, stopping the chain within fractions of a second.



#### STIHL Quickstop® Plus (Q)

An additional chain braking feature designed to engage when the operator's right hand releases the rear handle, stopping the chain within one second.



#### STIHL ElastoStart™ Handle

Built-in shock absorber for smoother starting.



#### Decompression Valve

Vents compression in the cylinder for easier starting.



#### IntelliCarb™ Compensating Carburetor

Automatically adjusts the air/fuel ratio when the air filter becomes restricted or partially clogged.



#### Master Control Lever™

A single lever operating the choke, starting throttle lock and on-off switch.



#### Quick Chain Adjuster (B)

A toolless chain adjuster for fast and easy chain adjustment.



#### Ematic™ Lubrication System

Provides proper lubrication and less oil, and can reduce bar oil consumption up to 50%.



#### Side Access Chain Tensioner

Adjust the saw chain with a bar wrench as opposed to the typical location of the guide bar adjustment screw.



#### Adjustable Automatic Oiler

Allows the user to adjust the lubricant of the guide bar and saw chain for different cutting conditions.



#### Bumper Spikes

Helps prevent pull-in and provide better control, making cutting easier.



#### STIHL Electric Motor

Requires minimal maintenance and features low noise levels and reduced vibration.



Electric- and Battery-Powered Tools



**Real people. STIHL people.**

*"One of my kids, Aaliyah about 10 years ago was diagnosed with cancer of the kidney. The way my STIHL family took care of us during that time, the support was unbelievable, that's what probably brought me through the whole thing."*

**Evens "Mo" Mompremier**  
**STIHL Employee - Packing Lead**



# Homeowner Chain Saws

If you want a chain saw for work around your home, you've come to the right place. For one, it's hard to imagine a better selection of chain saws than STIHL. Many of our chain saws are German-engineered and built in America\* and you may be surprised to learn that you can own STIHL quality for less than you think. STIHL chain saws, even those designed for occasional use around the home, come with anti-vibration technology, our STIHL Quickstop® Chain Brake and a Master Control Lever™, making start-up easy.



## MS 170

The STIHL MS 170 is a lightweight chain saw for homeowners seeking a great value along with many of the same design features the professionals depend on. Compact, lightweight with just the right amount of power, the MS 170 makes quick work of trimming or cutting small trees, fallen limbs after a storm, and other tasks around the yard.

Displacement	Engine Power	Powerhead Weight
30.1 cc (1.8 cu. in.)	1.3 kW (1.7 bhp)	3.9 kg (8.6 lbs.)



## MS 171

Part of a generation of lightweight STIHL chain saws with reduced emission technology – the STIHL MS 171 provides a significant benefit for users because it saves fuel even as it cuts exhaust emissions. The STIHL pre-separation air filter can extend filter life up to five times more than previous models.

Displacement	Engine Power	Powerhead Weight
30.1 cc (1.8 cu. in.)	1.3 kW (1.7 bhp)	4.3 kg (9.5 lbs.)



## MS 180 C-BE

Where handy meets high tech, the MS 180 C-BE is one handy, light chain saw. But it's no lightweight. With more power and features than the MS 170, including our Quick Chain Adjuster, the MS 180 C-BE is easy to adjust and easy to start, making it perfect for tasks around the home.

Displacement	Engine Power	Powerhead Weight
31.8 cc (1.9 cu. in.)	1.5 kW (2.0 bhp)	4.2 kg (9.3 lbs.)



## MS 181 C-BE

The MS 181 C-BE chain saw utilizes some of the same features found on our bigger saws without the weight. A pre-separation air filtration system that means less maintenance while eco-conscious customers will appreciate reduced-emission technology, without compromising on power. It also features the added benefit of the Easy2Start™ system for simple, fast starting.

Displacement	Engine Power	Powerhead Weight
31.8 cc (1.9 cu. in.)	1.5 kW (2.0 bhp)	4.6 kg (10.1 lbs.)



**For full specification information for all STIHL chain saws, please refer to page 152.**

**NOTE:** STIHL recommends the use of green-labeled bars and saw chains. Refer to saw chain selection guide on page 153.

\*A majority of STIHL powerheads are built in the United States from domestic and foreign parts and components.



#### Real people. STIHL people.

"We weren't business savvy, but we really wanted to stand out, and we think one of the ways we stand out is customer service. We've been blessed with great customers that are loyal, and over the years we have created friendships from our business relationships."

**Hector & Jose Cantu**

Dealers/Owners, Saw House Power Equipment

# Homeowner Chain Saws



## NEW! MS 211

The durable MS 211 boasts an advanced low-emission engine with the power to cut through backyard pruning, thinning and small-tree felling needs with ease. Advanced anti-vibration system provides added user comfort to lessen fatigue.

Displacement	Engine Power	Powerhead Weight
35.2 cc (2.2 cu. in.)	1.7 kW (2.3 bhp)	4.3 kg (9.4 lbs.)



## MS 211 C-BE

A value-priced chain saw with advanced engine technology, the MS 211 C-BE is both hardworking and easy-to-use with the added benefit of two of our most popular comfort features: STIHL Easy2Start™, for easy starting with just a light pull on the cord, and Quick Chain Adjuster, which allows you to adjust the chain without tools.

Displacement	Engine Power	Powerhead Weight
35.2 cc (2.2 cu. in.)	1.7 kW (2.3 bhp)	4.6 kg (10.1 lbs.)



## MS 250

With an exceptional power-to-weight ratio, the STIHL MS 250 is ideal for building the ultimate firewood pile. Boasting many of the features of our professional saws to maximize reliability, durability and ease of use for the occasional user.

Displacement	Engine Power	Powerhead Weight
45.4 cc (2.77 cu. in.)	2.2 kW (3.0 bhp)	4.6 kg (10.1 lbs.)

**NOTE:** STIHL recommends the use of green-labeled bars and saw chains. Refer to saw chain selection guide on page 153.





## NEW! MS 251 WOOD BOSS®

With up to 20% better fuel efficiency and up to 50% less exhaust emissions than a traditional 2-stroke engine, this is a great chain saw for felling small trees, firewood cutting, pruning and thinning.

Displacement	Engine Power	Powerhead Weight
45.6 cc (2.78 cu. in.)	2.2 kW (2.95 bhp)	4.9 kg (10.8 lbs.)



## MS 251 C-BE

Packing plenty of power to handle backyard tasks like a “boss,” the STIHL MS 251 C-BE comes equipped with all the same professionally inspired features as the MS 251, but comes standard with Quick Chain Adjuster and Easy2Start™ technology – making it easy to start and adjust on the fly.

Displacement	Engine Power	Powerhead Weight
45.6 cc (2.78 cu. in.)	2.2 kW (2.95 bhp)	5.3 kg (11.9 lbs.)



## "I bought a MS 251 C-BE and found it incredibly easy to use with plenty of power."

STIHL MS 251 C-BE    ★★★★★    5/2/13 - User: Easy1 - Missouri

Check out this review and others on the product page at [stihlusa.com](http://stihlusa.com)



## MSA 160 C-BQ

The innovative MSA 160 C-BQ is lightweight and quiet. Powered by a STIHL 36-volt Lithium-Ion battery and commercial-grade, high-torque brushless motor, each charge of the AP 180 Lithium-Ion battery provides up to 38 minutes of cutting time for storm cleanup, carpentry tasks and firewood cutting.

Weight w/o Battery	Weight w/Battery (AP 180)	Run Time w/AP 180
3.2 kg (7.0 lbs.)	4.9 kg (10.8 lbs.)	Up to 38 minutes



## MSE 170 C-BQ

With no fuel to buy and power to spare, this electric chain saw saves both time and money. The lightweight MSE 170 C-BQ features a wide trigger switch and the toolless Quick Chain Adjuster for easy operation. The soft grip handle makes for comfortable trimming and firewood cutting.

Voltage	Motor Output	Weight
120 V (60 Hz.)	1.5 kW (13.1 amps)	3.8 kg (8.4 lbs.)



For protective apparel see page 134.







**STIHL® Wood Boss**

# Farm & Ranch Chain Saws

Some chain saws have to work for a living. No matter where there's work to be done, STIHL offers a variety of high-performance chain saws that are engineered for service, day in and day out. The chain saws in the "Farm & Ranch" category are ideal for a variety of uses.



## NEW! MS 271 FARM BOSS®

This high-performance, high-tech, fuel-efficient chain saw delivers 20% longer run times between refuelings – while cutting exhaust emissions in half as compared to the MS 270. There's also a pre-separation air filtration system that's so effective, the air filter can last up to five times longer, all engineered into one compact, ergonomic design.

Displacement	Engine Power	Powerhead Weight
50.2 cc (3.06 cu. in.)	2.6 kW (3.49 bhp)	5.6 kg (12.3 lbs.)



## MS 291

These high-powered, high-tech, low-maintenance chain saws are built for felling, wood cutting or storm clean up. An advanced anti-vibration system reduces user fatigue while the pre-separation air filtration system extends filter life.

Displacement	Engine Power	Powerhead Weight
55.5 cc (3.39 cu. in.)	2.8 kW (3.76 bhp)	5.6 kg (12.3 lbs.)



## MS 291 C-BEQ

The MS 291 C-BEQ comes equipped with an additional chain braking feature, Quick Chain Adjuster and Easy2Start™.

Displacement	Engine Power	Powerhead Weight
55.5 cc (3.39 cu. in.)	2.8 kW (3.76 bhp)	6.4 kg (14.1 lbs.)



**"Excellent machine, high quality in all parts, especially the chain. Feels well balanced. Cuts smooth. Easy to maintain. I like the air filter system compared to my other brands of chain saws."**

STIHL MS 291 ★★★★★ 7/22/14 - User: wildlife - Colorado

Check out this review and others on the product page at [stihlusa.com](http://stihlusa.com)

**NOTE:** STIHL recommends the use of green-labeled bars and saw chains. Refer to saw chain selection guide on page 153.



### MS 150 C-E

Ideal for anyone in need of a mobile, ultra-light weight saw. The compact design makes for easy handling and a powerhead weighing only 6.1 pounds produces less operator fatigue. This chain saw is loaded with exclusive STIHL features, including Easy2Start™ technology.

Displacement	Engine Power	Powerhead Weight
23.6 cc (1.44 cu. in.)	1.0 kW (1.34 bhp)	2.75 kg (6.1 lbs.)



### MS 192 C-E

This lightweight gasoline-powered saw boasts many of the same features as our pro models. Equipped with the STIHL Easy2Start™ system, the easiest-starting chain saw technology we know of – just a pull on the cord winds it up.

Displacement	Engine Power	Powerhead Weight
30.1 cc (1.8 cu. in.)	1.3 kW (1.7 bhp)	3.3 kg (7.4 lbs.)



### MS 201 C-E

Designed for optimum performance in the field, the MS 201 C-E is built around our high-power, high-tech, fuel-efficient engines that deliver longer run times and lower emissions.

Displacement	Engine Power	Powerhead Weight
35.2 cc (2.14 cu. in.)	1.8 kW (2.41 bhp)	3.9 kg (8.6 lbs.)



### Learn how to stack firewood

Scan this QR Code with your smartphone or tablet for a "how to" on properly stacking firewood.



# Farm & Ranch Chain Saws



## MSA 200 C-BQ

Powered by a STIHL Lithium-Ion battery, this environmentally responsible chain saw starts instantly, delivering power from its commercial-grade, high-torque brushless motor. The MSA 200 C-BQ chain saw is great for applications where low noise or no exhaust emissions are desired.

Weight w/o Battery	Powerhead Weight w/Battery (AP 180)	Run Time w/AP 180
3.3 kg (7.2 lbs.)	5.0 kg (11.0 lbs.)	Up to 35 minutes



## MSE 210 C-BQ

With more power than the previous electric model, the MSE 210 C-BQ provides professional performance without the carbon footprint. Standard features include a Toolless Quick Chain Adjuster and STIHL Quickstop® Plus chain braking technology. The soft grip handle and smooth, quiet engine ensure comfortable operation in any application.

Voltage	Motor Output	Powerhead Weight
120 V (60 Hz.)	1.5 kW (20.0 amps)	4.2 kg (9.4 lbs.)



## MS 311

A high-tech workhorse with a step-up in horsepower and features over the MS 291, the MS 311 features advanced engine technology improving fuel economy by up to 20%. The fuel-efficient, high-powered engine reduces downtime on the job – so you can enjoy your own down time when the job is done.

Displacement	Engine Power	Powerhead Weight
59.0 cc (3.6 cu. in.)	3.1 kW (4.2 bhp)	6.2 kg (13.67 lbs.)



## MS 391

STIHL engine technology means low fuel consumption, longer run times and reduced emissions in this high-powered, top-of-the-line farm and ranch chain saw. Though equal in weight, the MS 391 is more powerful than the MS 311 – an optimal power-to-weight ratio for rugged jobs like felling trees, cutting firewood and cleanup after the storm.

Displacement	Engine Power	Powerhead Weight
64.1 cc (3.9 cu. in.)	3.3 kW (4.4 bhp)	6.2 kg (13.67 lbs.)



**NOTE:** STIHL recommends the use of green-labeled bars and saw chains. Refer to saw chain selection guide on page 153.



**Real people. STIHL people.**

*"We don't compromise on the farm and appreciate that STIHL doesn't compromise either."*

**Lee Bock (father), Larry Bock (grandfather),  
Austin Bock (son), Farmers**



# Professional Chain Saws



## NEW! MSE 250 C-Q

With significantly higher cutting speed than the MSE 170 C-BQ, this heavy duty electric saw for professional users has power to spare. This chain saw features a slip clutch to protect the motor, a thermal overload cut-off switch to help prevent overheating, and an automatic shutoff when brushes become worn.

Voltage	Motor Output	Powerhead Weight
120 V (60 Hz)	2.3 kW (2.55 amps)	4.2 kg (9.4 lbs.)



## MS 241 C-M

This chain saw features a compact design, reduced emissions and an innovative microprocessor-controlled engine management system. STIHL M-Tronic™ automatically adjusts the engine to compensate for changes in operating conditions such as temperature, altitude and fuel quality.

Displacement	Engine Power	Powerhead Weight
42.6 cc (2.6 cu. in.)	2.3 kW (3.1 bhp)	4.5 kg (9.9 lbs.)



## MS 261 C-M

Built for professional users and homeowners with large jobs around their property. The hardworking "261s" feature the STIHL M-Tronic™ engine management system, which adjusts the fuel at 33 times/second maintaining optimum engine performance.

Displacement	Engine Power	Powerhead Weight
50.5 cc (3.08 cu. in.)	2.9 kW (3.9 bhp)	5.2 kg (11.6 lbs.)



## MS 261 C-MQ

The MS 261 C-MQ comes equipped with STIHL Quickstop® Plus chain braking feature.

Displacement	Engine Power	Powerhead Weight
50.5 cc (3.08 cu. in.)	2.9 kW (3.9 bhp)	5.5 kg (12.13 lbs.)



For protective apparel see page 134.



\*A majority of STIHL products are built in the United States from domestic and foreign parts and components. "Number-one selling brand" is based on syndicated Irwin Broh Research as well as independent consumer research of 2009-2014 U.S. sales and market share data for the gasoline-powered handheld outdoor power equipment category combined sales to consumers and commercial landscapers. © 2015 STIHL.

# STIHL M-Tronic™

STIHL M-Tronic™ provides optimal performance under varying conditions. This innovative engine management control system intelligently manages operating performance, constantly adjusting the fuel-air mixture, allowing for maximum efficiency.

## STIHL M-Tronic™

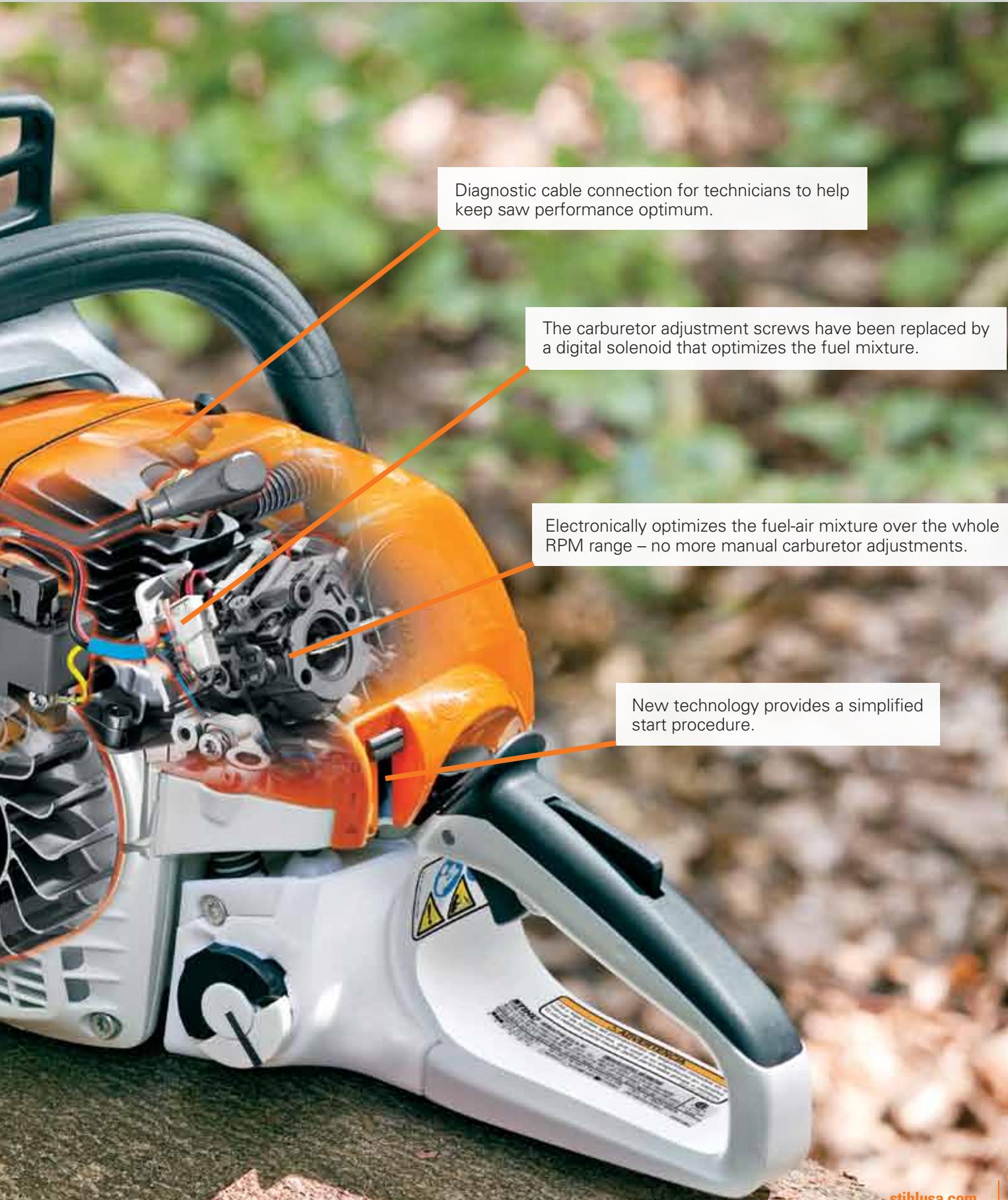
Scan this QR Code with your smartphone or tablet to learn about the innovative STIHL M-Tronic™ system.



A built-in memory function remembers your last setting under the same external conditions.

This revolutionary microprocessor-controlled technology automatically adapts to environmental factors, such as fuel quality, engine temperature, altitude and a dirty air filter, then adjusts the fuel/air mixture and engine speed, optimizing performance in a wide range of conditions.

## Innovative Microprocessor-Controlled Engine Management System



Diagnostic cable connection for technicians to help keep saw performance optimum.

The carburetor adjustment screws have been replaced by a digital solenoid that optimizes the fuel mixture.

Electronically optimizes the fuel-air mixture over the whole RPM range – no more manual carburetor adjustments.

New technology provides a simplified start procedure.

A large STIHL chainsaw is shown from a low angle, cutting through a massive log. The chainsaw's bar and chain are clearly visible, with the brand name "STIHL" stamped on the side. A smaller piece of wood with a carved profile of a dog's head is propped up against the main log. The background shows a wooded area with trees.

### Real people. STIHL people.

*"I love seeing how much joy a customer has when I show them the finished chain saw art carving of their dog. Some customers will laugh – or even cry – they're so happy, and that makes me happy."*

**Aya Blaine**  
**Chain Saw Carver**



# Professional Chain Saws



## MS 362 C-M

An optimal combination of torque, power and weight, the MS 362 C-M employs the latest STIHL engine technology for increased power, reduced emissions by up to 70% and improved fuel efficiency – as compared to previous models. STIHL M-Tronic™ technology intuitively adjusts fuel through an innovative microprocessor.

Displacement	Engine Power	Powerhead Weight
59.0 cc (3.6 cu. in.)	3.5 kW (4.7 bhp)	5.8 kg (12.8 lbs.)



## MS 362 RC-M

Wrap-handle version available in select areas.

Displacement	Engine Power	Powerhead Weight
59.0 cc (3.6 cu. in.)	3.5 kW (4.7 bhp)	6.2 kg (13.6 lbs.)



## MS 362 C-MQ

The MS 362 C-MQ comes equipped with STIHL Quickstop® Plus chain braking feature.

Displacement	Engine Power	Powerhead Weight
59.0 cc (3.6 cu. in.)	3.5 kW (4.7 bhp)	5.9 kg (13.0 lbs.)



## MS 441 C-M STIHL MAGNUM®

The MS 441 C-M has STIHL M-Tronic™ which eliminates the need for carburetor adjustments. A real money saver when used for long days of logging or heavy wood-cutting tasks.

Displacement	Engine Power	Powerhead Weight
70.7 cc (4.3 cu. in.)	4.2 kW (5.6 bhp)	6.6 kg (14.6 lbs.)



**"I bought this saw ... and love it! I own a firewood business and cut around 100 cords a year, so I needed something that would hold up."**

MS 441 C-M STIHL MAGNUM® ★★★★★ 5/27/13 - User: Redheeler23 - Michigan

Check out this review and others on the product page at [stihlusa.com](http://stihlusa.com)



/stihlusa



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@stihlusa



/stihlusa



stihlusablog.com



## MS 441 C-MQ STIHL MAGNUM®

Features STIHL M-Tronic™ technology and STIHL Quickstop® Plus chain braking feature.

Displacement	Engine Power	Powerhead Weight
70.7 cc (4.3 cu. in.)	4.2 kW (5.6 bhp)	6.7 kg (14.8 lbs.)



## MS 461

This chain saw offers the same power and weight as the MS 460, but with up to 20% less fuel consumption and a higher torque over a broader RPM.

Displacement	Engine Power	Powerhead Weight
76.5 cc (4.7 cu. in.)	4.4 kW (5.9 bhp)	6.6 kg (14.6 lbs.)



## MS 461 R

Wrap-handle version (MS 461 R) available in select areas.

Displacement	Engine Power	Powerhead Weight
76.5 cc (4.7 cu. in.)	4.5 kW (6.0 bhp)	7.0 kg (15.4 lbs.)



## NEW! MS 661 C-M

This professional chain saw has one of the best power-to-weight ratios in the industry and now boasts 20% less fuel consumption than the previous model. The MS 661 C-M includes STIHL M-Tronic™ technology which monitors engine performance and adjusts accordingly. Reduced vibration provides good handling even with long guide bars.

Displacement	Engine Power	Powerhead Weight
91.1 cc (5.56 cu. in.)	5.4 kW (7.2 bhp)	7.56 kg (16.67 lbs.)

## NEW! MS 661 R-CM

Wrap-handle version (MS 661 R-CM) available in select areas.

Displacement	Engine Power	Powerhead Weight
91.1 cc (5.56 cu. in.)	5.4 kW (7.2 bhp)	7.66 kg (16.8 lbs.)



## MS 880 STIHL MAGNUM®

Simply the most power of any STIHL professional chain saw. Ideal for felling and bucking large-diameter trees, the MS 880 accepts guide bars up to 59" in length for almost five feet of cutting power to tackle the most demanding jobs.

Displacement	Engine Power	Powerhead Weight
121.6 cc (7.42 cu. in.)	6.4 kW (8.6 bhp)	10.1 kg (22.3 lbs.)

## MS 880 R STIHL MAGNUM®

Wrap-handle version (MS 880 R) available in select areas.

Displacement	Engine Power	Powerhead Weight
121.6 cc (7.42 cu. in.)	6.4 kW (8.6 bhp)	10.3 kg (22.7 lbs.)

# Professional Tree Service Chain Saws

You're a professional. You need a chain saw that's lightweight and powerful, allowing you to effectively prune, trim and shape high above the ground. With a superbly balanced design, STIHL professional tree service chain saws are ideal for in-tree work and feature a top handle designed for comfort and secure grip. **For In-Tree Professional Use Only.**



## MS 150 T C-E

The STIHL MS 150 T C-E features durability and portability, exclusively for in-tree professionals. The lightweight powerhead weighs 5.7 pounds and features Easy2Start™ technology for smooth starts. Excellent fuel efficiency means fewer fill-ups and less downtime.

Displacement	Engine Power	Powerhead Weight
23.6 cc (1.44 cu. in.)	1.0 kW (1.34 bhp)	2.6 kg (5.7 lbs.)



## NEW! MSA 160 T

The first of its kind in the STIHL line up, this 36-volt Lithium-Ion top handle chain saw boasts zero exhaust emissions and low noise making it a perfect fit for noise restricted and environmentally sensitive areas. Its lightweight design and optimal power-to-weight ratio allow for maneuverability for professional in-tree trimming and limbing tasks.

Weight w/o Battery	Powerhead Weight w/Battery (AP 180)	Run Time w/AP 180
1.9 kg (4.2 lbs.)	3.6 kg (7.94 lbs.)	Up to 38 minutes



## MS 192 T C-E

At only seven pounds, this top-handle saw provides a lightweight ally as you climb to the sky. Even better, the MS 192 T C-E employs the STIHL Easy2Start™ system, which enables users to start the engine with an almost effortless pull on the cord, as well as a retractable carry ring for climbing.

Displacement	Engine Power	Powerhead Weight
30.1 cc (1.8 cu. in.)	1.3 kW (1.74 bhp)	3.2 kg (7.0 lbs.)



## MS 201 T

This is "the ultimate arborist saw." Powered by scavenging engine technology resulting in a 20% fuel consumption reduction over previous models, it allows for more cuts before refueling. In addition, this saw comes standard with the STIHL PICCOTM SUPER 3 saw chain for improved cutting and boring efficiency, as well as a longer cutting life.

Displacement	Engine Power	Powerhead Weight
35.2 cc (2.14 cu. in.)	1.8 kW (2.41 bhp)	3.71 kg (8.16 lbs.)

### IMPORTANT INFORMATION

**MS 150 T C-E, MS 192 T, MS 201 T WARNING:** Due to the special compact handle design (closely spaced handles), there is an increased risk of injury from loss of control. (Cut injuries due to uncontrolled reactive forces of chain saw or leg injuries due to the saw "dropping" at the end of the cut.) For this reason, these special chain saws should be used only for work in tree by persons trained in special cutting and working techniques and who are properly secured (lift bucket, ropes, safety harness).



**Real people. STIHL people.**

*"If I had to replace STIHL equipment with something else, the tidal wave of discontent at my company would blow me away."*

**Grant Crowell**  
**CEO & President, The Urban Foresters**

# Speciality Chain Saws - Rescue



## MS 461 R Rescue

### For fire/rescue service only

The MS 461 R Rescue chain saw is specifically for fire, rescue and emergency services work. With features like an extra-large starting handle, an extended chip deflector, a built-in tool holder, muffler shield and a special heavy duty carbide-segmented chain, this saw can be a valuable asset for first responders. When time matters, this rescue saw matters.

Displacement	Engine Power	Powerhead Weight
76.5 cc (4.7 cu. in.)	4.5 kW (6.0 bhp)	7.0 kg (15.4 lbs.)



**NOTE:** The MS 461 R "Rescue" saw is shown with optional depth limiter kit.



Large starter handle makes it easier to grip and start the saw when wearing heavy protective gloves.



The muffler shield helps separate the hot muffler from meltable materials.



Built-in holder keeps bar wrench handy.



Extended chip deflector helps guide chips away from the operator.



The STIHL RAPID™ DURO Rescue (RDR) chain has a carbide-segmented chain designed to cut through a variety of materials.



**Real people. STIHL people.**

"When lives are on the line, your equipment has to work. STIHL does."

**Sean Betts**  
**Search & Rescue Team**

# Saw Chain & Guide Bars



When you demand a lot from your chain saw, having the right saw chain can make a big difference. STIHL saw chains are individually designed for all types of woodcutting and for most makes of chain saw. Every saw chain manufactured by STIHL incorporates our exclusive, patented OILOMATIC® lubricating feature.



**OILOMATIC® STIHL PICCO™ Micro™ Mini 3 (PMM3)**

1/4" STIHL PICCO™ is a unique saw chain with low vibration, designed for corded electric-, battery and gasoline-powered chain saws or pole pruners with less than 1.0 kW (1.34 bhp) of power output.

1/4" PICCO	3/8" PICCO	.325"	3/8"	.404"
0.050"	3670	3610		

Low-Kickback chain



**OILOMATIC® STIHL PICCO™ Micro™ 3 (PM3)**

STIHL PICCO™ Micro™ 3 chain replaces 3/8" PM1. It cuts faster and smoother. PM3 has a lower kickback tendency than 3/8" PM1.

1/4" PICCO	3/8" PICCO	.325"	3/8"	.404"
0.050"	3636			

Low-Kickback chain



**OILOMATIC® STIHL PICCO™ Super (PS)**

PS has improved cutting and boring efficiency with less feed force and has a 15% longer cutting life when compared to the PM saw chain.

1/4"	3/8" PICCO	.325"	3/8"	.404"
0.050"	3617			

◆ **WARNING:** See information on page 42.



**OILOMATIC® STIHL PICCO™ Super 3 (PS3)**

New and exclusive to STIHL 3/8" STIHL PICCO™ Super (PS3) low vibration, reduced kickback chain. This full chisel chain has been developed specially for professional loggers and arborists. It combines an extremely high cutting capacity with excellent cutting quality and good operator comfort.

1/4" PICCO	3/8" PICCO	.325"	3/8"	.404"
0.050"	3616			

Low-Kickback chain



# Saw Chain & Guide Bars



## OILOMATIC® STIHL RAPID™ Micro™ (RM)

OILOMATIC® STIHL RAPID™ Micro™ is a low-vibration saw chain. The lower vibration levels help reduce operator fatigue.

	1/4"	3/8" PICCO	.325"	3/8"	.404"
0.050"	3660		3627	3650	
0.058"			3628	3651	
0.063"			3629	3652	



◆ WARNING: See information on page 42.



## OILOMATIC® STIHL RAPID™ Micro™ (RM3)

OILOMATIC® STIHL RAPID™ Micro™ 3 is the reduced kickback tendency version of STIHL RAPID™ Micro™. RM3 offers some of the same performance as the STIHL RM.

	1/4"	3/8" PICCO	.325"	3/8"	.404"
0.050"			3632	3662	
0.058"			3633		
0.063"			3634	3664	



● Low-Kickback chain



## OILOMATIC® STIHL RAPID™ Micro™ Full Skip (RMF)

STIHL RAPID™ Micro™ Full Skip is the skip pattern version of STIHL RAPID™ Micro™. There are two tie straps between every two cutting teeth, allowing better chip discharge and higher chain speed.

	1/4"	3/8" PICCO	.325"	3/8"	.404"
0.050"				3993	
0.063"				3883	



◆ WARNING: See information on page 42.



## OILOMATIC® STIHL RAPID™ Super (RS)

STIHL RAPID™ Super is a reduced vibration saw chain. A cutter and tie strap design reduces vibration levels significantly while still utilizing the aggressive full chisel cutter design.

	1/4"	3/8" PICCO	.325"	3/8"	.404"
0.050"				3637	3623
0.058"				3638	3622
0.063"				3639	3621



◆ WARNING: See information on page 42.



## OILOMATIC® STIHL RAPID™ Super 3 (RS3)

STIHL RAPID™ Super 3 is a reduced vibration and low-kickback tendency version of STIHL RAPID™ Super. RS3 is an aggressive full chisel chain, but has a single-humped drive link to reduce kickback tendency and the new cutter and tie strap design reduces vibration levels when cutting.

	1/4"	3/8" PICCO	.325"	3/8"	.404"
0.050"				3624	
0.063"				3626	



● Low-Kickback chain



## OILOMATIC® STIHL RAPID™ Super Full Skip (RSF)

STIHL RAPID™ Super Full Skip is the skip pattern version of STIHL RAPID™ Super. There are two tie straps between every two cutting teeth, allowing better chip discharge and higher chain speed.

	1/4"	3/8" PICCO	.325"	3/8"	.404"
0.050"				3676	



◆ WARNING: See information on page 42.



## Learn why STIHL produces its own saw chain

Scan this QR Code with your smartphone or tablet to learn more.

**STIHL recommends low-kickback chains for all users.**



**Real people. STIHL people.**

*"Every single product we make is started and run before it leaves the factory. It's my job to make sure testing measurements are accurate."*

**Drew Bates**  
STIHL Employee - Apprentice/Test Cell



STIHL

DREW BATES



# Saw Chain

 **WARNING:** This symbol indicates that the product has increased risk of kick-back injury and is for use only by persons with extraordinary cutting needs and experience and specialized training for dealing with kickback.

 This symbol indicates that the chain is a low-kickback chain. STIHL recommends the use of a green-labeled, low-kickback chain.

For more information on saw chain selection and identification please see chart on page 153.

## HOW TO READ THIS CHART

STIHL saw chain is available in a variety of pitches and gauges. Use the charts to identify the correct chain part number of the chain.

Pitch Gauge	Pitch Part #	Part #
----------------	-----------------	--------



## OIOMATIC® STIHL RAPID™ Super L Full Skip (RSLF)

STIHL RAPID™ Super L Full Skip is the skip pattern, square ground chisel version of STIHL RAPID™ Super. There are two tie straps between every two cutting teeth, allowing better chip discharge and higher chain speed.

1/4"	3/8" PICCO	.325"	3/8"	.404"
0.063"				3851

 **WARNING:** See information above.



## OIOMATIC® STIHL RAPID™ Super Klassic (RSK)

A special cutter geometry provides excellent control characteristics and very good chip flow, which help enhance cutting efficiency.

1/4"	3/8" PICCO	.325"	3/8"	.404"
0.050"			3874	

 **WARNING:** See information above.



## OIOMATIC® STIHL RAPID™ Super L Klassic (RSLK)

The Super L Klassic is a variation of the Klassic full chisel chain for special professional applications. It differs from the "standard" STIHL RAPID™ Super Klassic in the way the cutter is ground. The cutter on this chain is square ground and has an "L" shape, hence the name Super "L."

1/4"	3/8" PICCO	.325"	3/8"	.404"
0.050"			3640	
0.063"			3641	

 **WARNING:** See information above.



## OIOMATIC® STIHL RAPID™ Super L Half Skip Klassic (RSLHK)

STIHL RAPID™ Super L Half Skip Klassic is the semi-skip pattern version of STIHL RAPID™ Super L Klassic (RSLK). STIHL RAPID™ Super L Half Skip Klassic alternates cutter spacing to create a chain with cutting characteristics and maintenance intensity between Full Skip (RSLFK) and regular pattern (RSLK).

1/4"	3/8" PICCO	.325"	3/8"	.404"
0.050"			3645	
0.063"			3646	



 **WARNING:** See information above.



## OIOMATIC® STIHL RAPID™ Super L Full Skip Klassic (RSLFK)

OIOMATIC® STIHL RAPID™ Super L Full Skip Klassic is the full-skip pattern version of STIHL RAPID™ Super L Klassic (RSLK). The RSLFK is assembled with each cutter followed by two tie straps instead of one with standard sequence chains.

1/4"	3/8" PICCO	.325"	3/8"	.404"
0.050"			3643*	
0.063"			3644**	



 **WARNING:** See information above.

\* Replaced by 3672, mid-2012  
\*\* Replaced by 3673, mid-2012



## OIOMATIC® STIHL RAPID™ Duro 3 (RD3)

The first STIHL carbide-tipped .325" saw chain stays sharp up to four times longer than standard chains. In addition, the STIHL RAPID™ Duro 3 is a low-vibration chain with a reduced kickback tendency.

1/4"	3/8" PICCO	.325"	3/8"	.404"
0.050"			3665	3681
0.058"			3666	
0.063"			3667	3683



 Low-Kickback chain



### OILOMATIC® STIHL PICCO™ Duro3 (PD3)

This saw chain was specifically developed for longer cutting edge life, resulting in less frequent sharpening. Especially suited for cutting dirty wood, treated wood, roots and hardwoods. This chain must be resharpened with a formed diamond grinding wheel.

	1/4"	3/8" PICCO	.325"	3/8"	.404"
0.050"		3612			



Low-Kickback chain



### OILOMATIC® STIHL RAPID™ Duro Rescue (RDR)

STIHL RAPID™ Duro Rescue (RDR) is designed using the STIHL OILOMATIC® principle. RDR surpasses the durability of former RDS in rescue applications and has a higher efficiency when cutting wood. This chain is carbide-segmented for the demanding needs of fire and rescue specialists and therefore is for use by specially trained emergency services personnel only. RDR is the recommended chain for use on the MS 460 R and MS 461 R Rescue saws.

	1/4"	3/8" PICCO	.325"	3/8"	.404"
0.063"				3944	



◆ WARNING: See information above.



### OILOMATIC® STIHL RAPID™ Micro™ Special (RMS) Carving Chain

The OILOMATIC® STIHL RAPID™ Micro™ chain has a special cutter shape that reduces cutting friction to a minimum, ensuring fast cutting speed with good efficiency in any type of wood. This chain is more forgiving in dirty conditions than full chisel (RS) chain types due to its cutter shape.

	1/4"	3/8" PICCO	.325"	3/8"	.404"
0.050"	3661				



◆ WARNING: See information above.

**STIHL recommends low-kickback chains for all users.**

◆ **WARNING:** This symbol indicates that the product has increased risk of kick-back injury and is for use only by persons with extraordinary cutting needs and experience and specialized training for dealing with kickback.

◆ This symbol indicates that the chain is a low-kickback chain. STIHL recommends the use of a green-labeled, low-kickback chain.

For more information on saw chain selection and identification please see chart on page 153.

#### HOW TO READ THIS CHART

STIHL saw chain is available in a variety of pitches and gauges. Use the charts to identify the correct chain part number of the chain.

Pitch	Pitch	
Gauge	Part #	Part #

### STIHL Harvester Saw Chain

STIHL RAPID™ MICRO™ Harvester saw chain is made to withstand the tough requirements of professional mechanized timber harvesting. To learn more about STIHL Harvester chain, visit: [stihlharvesterchain.com](http://stihlharvesterchain.com).



### OILOMATIC® STIHL RAPID™ Micro™ Harvester (RMH)

STIHL RAPID™ Micro™ Harvester is a specially designed and reinforced version of .404" pitch saw chain. RMH is designed to withstand the stresses of mechanized tree harvesting. **NOTE: Harvester chain is designed for use on hydraulic harvester heads only.**

	1/4"	3/8" PICCO	.325"	3/8"	.404"
0.080"					3996

◆ **WARNING:** See information above.



### OILOMATIC® STIHL RAPID™ Harvester Special (RMHS)

STIHL RAPID™ Micro™ Harvester Special is a significantly reinforced version of the RMH Harvester chain. RMHS is only available in 2.0 mm (.080") gauge. Like RMH chain, **RMHS is designed for use on hydraulic harvester heads only.** This chain is designed to last longer than competing chains to minimize expensive harvester downtime. An extremely durable harvester chain.

	1/4"	3/8" PICCO	.325"	3/8"	.404"
0.080"	3856				3620

◆ **WARNING:** See information above.



# Guide Bars

We manufacture guide bars with the same strict quality control standards as our chain saws so they work hand-in-hand to deliver the power and performance you've come to expect from STIHL. All STIHL guide bars have induction heat-treated edges to give high wear resistance. When used with STIHL OILOMATIC® saw chains, our guide bars provide maximum lubrication, longer wear and up to 50% less oil consumption than conventional chain lubrication methods.



## STIHL ROLLOMATIC® E STANDARD

The standard version of the STIHL ROLLOMATIC® Ematic™ bar consists of three electrically welded metal plates (laminated guide bars). The middle plate is hollowed out, giving the bar great stability with low weight.



## STIHL ROLLOMATIC® E Light and E Mini Light

This is 30% lighter than the standard bar. Made of two steel plates which have been hollowed out and electrically welded together. The open areas have been filled with fiber-reinforced polyamide. This bar has excellent rigidity for efficient cutting and better balance during limbing operations. Great for arborists. E Light version available in 12", 14" and 16" lengths. E Mini Light version available in 10", 12" and 14" lengths.



## STIHL ROLLOMATIC® E Mini

Available in 10", 12", 14" and 16" 3005 mount. Use with STIHL PICCO™ Micro™ Mini saw chain (PMM3) to increase cutting efficiency over PM3 chain by 13%. Accepts drive links of .043 gauge (1.1 mm).



## STIHL ROLLOMATIC® ES Super

**Now with angled oil delivery hole.** Unlike the STIHL ROLLOMATIC® E Standard, the STIHL ROLLOMATIC® E Super consists of a solid and particularly rigid bar with a sprocket nose which can be replaced as a whole. Designed for the most demanding professional jobs. Available as wide and narrow nose guide bars.



## STIHL ROLLOMATIC® ES Light

A guide bar that has 30% less weight in comparison with STIHL ROLLOMATIC® ES Super guide bars. Although lighter, these guide bars are made of the same tough wear resistant steel. The reduced weight improves the chain saw balance. This guide bar features a 3/8" 11 tooth sprocket nose with 3003 mounting. Available in 28" (71 cm), 32" (80 cm) and 36" (90 cm) lengths with groove widths of 0.050" and 0.063".



## STIHL DUROMATIC® E

Solid, laser-welded, high-carbon alloy steel bar with induction-hardened rails and special hard surface alloy tipping on the nose for extra long life. It is made from the highest quality steel and is cut by laser for consistent quality and durability. Available from 16" through 47".



## STIHL CARVING E

Available in 12" solid nose. Carving guide bar can only be used with 1/4" STIHL PICCO™ saw chain.

**NOTE:** The actual listed guide bar length can vary from the effective cutting length based on which chain saw it is installed on.

# 2-Cycle Engine Oils, Pre-Mixed Fuel, Bar & Chain Oil

STIHL 2-cycle oils are premium quality, designed to deliver the highest levels of engine protection in today's high-performance, air-cooled 2-cycle and low-exhaust emissions engines. These engine oils have fuel stabilizing characteristics and a mixing agent (solvent) to aid in mixing with motor fuel (gasoline). STIHL 2-cycle engine oils are packaged in 2.6 oz., 5.2 oz., 6.4 oz., 12.8 oz., 1 gal., 5 gal., 16 gal. and 55 gal. containers to conveniently meet user fuel consumption needs.

**STIHL recommends a mix of 50:1 high-quality 89 octane or higher unleaded gasoline to STIHL engine oil.  
This same mix ratio should be used during break-in.**

## STIHL High Performance 2-Cycle Engine Oil

This STIHL High Performance oil is a quality 2-cycle engine oil developed for all STIHL products and especially suitable for professional chain saws.



## STIHL HP Ultra 2-Cycle Engine Oil

HP Ultra is a fully synthetic 2-cycle engine oil specially suited for high-performance chain saws and power tools. This oil has outstanding engine cleaning characteristics, plus "ultra" superior lubricating qualities in comparison to other 2-cycle engine oils. This oil is biodegradable, degrading by 80% in 21 days.



STIHL offers bar and chain oil and chemicals to aid in servicing and maintaining STIHL products and other outdoor power equipment.

## STIHL MotoMix®

STIHL MotoMix® is a premixed 50:1 fuel mixture, created with premium high-octane gasoline and STIHL HP Ultra Oil. MotoMix® doesn't contain ethanol. Maintains stability for up to two years after the seal is broken. MotoMix® fuel is non-aromatic and the engine oil is fully synthetic and highly biodegradable. Available in 1 qt., 1 gal., 5 gal., 16 gal. and 55 gal. containers.



## BioPlus™ Bar and Chain Oil

STIHL BioPlus™ oil is made with a vegetable oil base. This means that the oil is less harmful to humans, animals, micro-organisms and plants. The oil also offers excellent flow characteristics at low temperatures and has a high flash point. Available in 1 qt., 1 gal., 5 gal., 16 gal. and 55 gal. containers. Rated by the Coordinating European Council to be 93.8% biodegradable in only 21 days.



## STIHL Woodcutter Bar and Chain Oil

STIHL Woodcutter Bar and Chain Oil is affordably priced and specially formulated from base oils and additives to provide proper lubrication of chain saw bars, saw chains, and oil pumps. Available in 1 gal. bottle.



## STIHL Platinum Bar and Chain Oil

STIHL Bar and Chain Oil is formulated to adhere to the bar and chain, and to reduce wear. Special base oil formulation helps keep sap and pitch from clinging to the bar and chain. Available in 1 qt., or 1 gal. bottles, 5 gal. pails, 16 gal. kegs and 55 gal. drums, in both summer and winter weights.



**NOTE: STIHL recommends use of fuel with no more than 10% Ethanol content. Using fuel with greater than 10% Ethanol content may cause damage to your equipment and may void your STIHL warranty.**

# Saw Chain & Guide Bar Accessories

With proper maintenance, you'll keep your chain saw cutting at peak performance.

## Files and Tools

STIHL saw chain files are designed to help you keep your chain sharp with minimum effort. Available in several diameters to match the exact size of your saw-chain gullet. Made of heavy duty polymers, our file handles are just as durable, easy to hold and tough to damage. Soft-grip handles are also available for flat or round files.



Soft Grip Handle for Flat File (FH3 Soft Grip)\*



Soft Grip Handle for Round File (FH1 Soft Grip)\*



Standard File Handle\*



Deluxe File Handle\*



Swiss File Handle\*



Filing Guides



Depth Gauge Tools



2 in 1 Filing Guide

## 12-Volt Portable Chain Grinder

Features adjustable gauge to achieve proper filing angles. Clips attach to vehicle battery.

## Replacement Grinding Stones

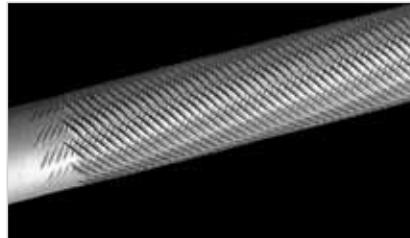
For 12-volt chain grinder. Sizes available include: 9/64"; 5/32" for 3/8" STIHL PICCO™ Micro™, 3/8" PMN, and 1/4"; 3/16" for .325"; 13/64" for 3/8"; 7/32" for .404"; 1/4" for Depth Gauges; Kool-Grind Grinding Compound.



## Double-Cut Saw Chain Files

### Flat, Round & Square Ground Files

Everything you need to resharpen your chain. STIHL files with double-cut teeth help remove material faster and last longer than other saw chain files. Available in dozens or 3-packs.



## Filing Guides and Holders

These mount on the chain saw bar for accurate on-the-job saw chain sharpening. Also available are instructional DVDs showing proper sharpening procedures for the FF 1 or FG 4.



FF 1 File Guide Holder



FG 4 Roller Filing Guide



\* File not included



### Felling Wedges

A wedge is almost as essential to tree felling and bucking as a chain saw. When properly placed, wedges help keep the tree from pinching your chain saw bar, and help the tree to fall in the direction of the notch cut.

Available sizes include: 5.5", 7.5", 10", 10" (Tri-taper), 12".



### Twisted Splitting Wedge

For splitting logs and firewood, this wedge is lightweight, yet rugged. The 45-degree angle gives added precision and leverage.



### Bar Scabbards

STIHL scabbards accommodate a variety of chain saw bar lengths.



### Stump Vise

Makes filing easy. Securely holds chain saw while cutters are filed. Mounts on any stump or log.



### Woodsman Chain Saw Carrying Case

Just like our chain saws, our case can handle multiple tasks. Use it to carry and transport your chain saw to and from the work site. Fits MS 170 to MS 461 with 20" bar. (Excludes MS 441 and wrap-handle saws.)

### Learn how to store your gas-powered equipment

Scan this QR Code with your smartphone or tablet to learn how to properly store your STIHL power equipment or your STIHL chain saw.





**Real people. STIHL people.**

*"Our customers hire us expecting timely performance and quality without excuses. The dependability of our STIHL products help us keep our promises."*

**Justin Waugh**  
**K&D Round's Landscape Services**



# Trimmer & Brushcutter Features



## Trimmer Feature Designations:

### C Features

- E** = Easy2Start™  
**M** = STIHL M-Tronic™

### Other Features

- D** = Catalytic Converter  
**L** = Long shaft  
**R** = Loop handle (FS), Cutter Blade (HS)  
(on the nameplate)  
**X** = Lightweight version (on the nameplate)  
**T** = Trimmer blade (HS) (on the nameplate)  
**K** = Short shaft (HL) (on the nameplate)

## Naming Example: FS 40 C-E

This trimmer has the Easy2Start™ system (E).

## Learn about how to start a STIHL trimmer

Scan this QR Code with your smartphone or tablet to learn about how to properly start your STIHL trimmer.



**NOTE:** STIHL trimmers have many common features, but all models may not have every feature shown here. Consult your dealer for details.



### STIHL Easy2Start™ (E)

Reduces the strength and effort needed to start the engine.



### Purge Pump Primer

Lets you prime the carburetor without flooding it.



### Electronic Ignition Module

The electronic ignition provides reliable starting and is fully enclosed to help protect the engine for longer service life.



### STIHL M-Tronic™ System

Microprocessor-controlled engine adjusts to compensate for changes in operating conditions, thus maintaining optimum engine performance.



### Multi-Function Control Handle

Easy access to all of the controls on one comfortable handle so the operator's hand never has to leave the handle.



### IntelliCarb™ Compensating Carburetor

Automatically adjust the air/fuel ratio when the air filter becomes restricted or partially clogged.



### STIHL ElastoStart™ Starter Handle

Has a built-in shock absorber for smoother starting.



### Engine Stop Button

Instant push button to stop the engine.



### STIHL Electric Motor

Requires minimal maintenance and features low noise levels and reduced vibration.



Electric-Powered Tools



### Hanging Slot

Hang your trimmer securely on a wall to save space using the slot in the handle housing.



Electric-Powered Tools



### Loop Handle

Loop handle is ideal for trimming around areas where space is limited.



Electric-Powered Tools



### Locking Lever

Designed to prevent the unit from unintentional starts when the battery is inserted.



Battery Powered Tools



### Hanging Slot

Hang your cordless trimmer securely on a wall to save space using the slot in the handle housing.



Battery Powered Tools



### Cutting Head Motor

Requires minimal maintenance and features low noise levels and reduced vibration.



Battery Powered Tools



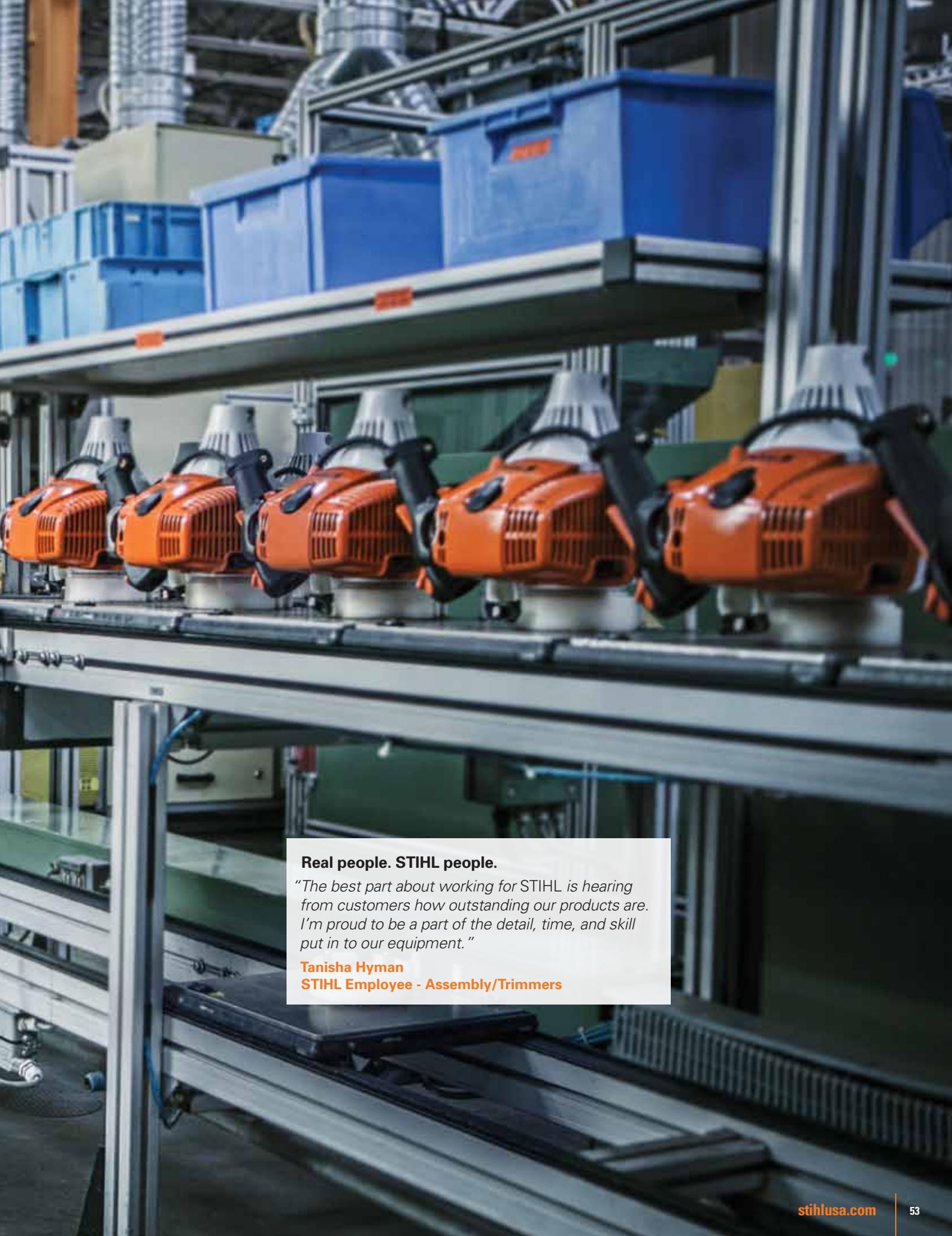
### Adjustable Loop Handle

A thumb screw allows the loop handle to be easily adjusted without tools.



Battery Powered Tools





**Real people. STIHL people.**

*"The best part about working for STIHL is hearing from customers how outstanding our products are. I'm proud to be a part of the detail, time, and skill put in to our equipment."*

**Tanisha Hyman**  
**STIHL Employee - Assembly/Trimmers**

# Homeowner Trimmers

Weeds and grass, they think they own the place. Show them who's boss with a STIHL trimmer, made specifically for use around the home. These grass trimmers are lightweight, powerful and easy to use. Just start them up and watch as they make quick work of those hard-to-reach areas mowers leave behind.



## FS 38

This lightweight and reliable trimmer is ideal for the cost-conscious homeowner. With optimized balance, an ergonomic loop handle and low vibration, the FS 38 offers exceptional handling and maneuverability.

Displacement	27.2 cc (1.66 cu. in.)
Engine Power	0.65 kW (0.87 bhp)
Weight*	4.2 kg (9.3 lbs.)

## FS 40 C-E

Lightweight and well-balanced, this low-emission, fuel-efficient trimmer features a curved shaft for exceptional handling around the home. Innovative Easy2Start™ technology makes starting almost effortless.

Displacement	27.2 cc (1.66 cu. in.)
Engine Power	0.7 kW (0.94 bhp)
Weight*	4.5 kg (9.9 lbs.)



## FS 50 C-E

Features a curved shaft for exceptional handling, an 8-inch longer shaft than the FS 40 C-E for taller users and STIHL Easy2Start™ technology. The low-exhaust emission and fuel-efficient engine – 20% more fuel efficient than the FS 46 – is ideal for home use.

Displacement	27.2 cc (1.66 cu. in.)
Engine Power	0.8 kW (1.1 bhp)
Weight*	4.6 kg (10.1 lbs.)



\* Weight is without cutting attachment or deflector

For full specification information for all STIHL trimmers, please refer to page 160.

## IMPORTANT INFORMATION

**WARNING:** Improper use of any brushcutter/ trimmer can cause serious or fatal injury. Read, understand and follow all safety instructions in your instruction manual. To reduce the risk of injury from blade contact, circular saw blades may be used on FS brushcutters that have a bicycle handle and double shoulder harness and not on FS brushcutters with a "J" handle or loop handle (R). Other rigid blades may be used on FS brushcutters having a bicycle handle, a "J" handle, or a loop handle equipped with a barrier bar. To reduce the risk of eye injury, always wear proper eye protection. Always use the appropriate deflector for the type of cutting attachment, as explained in your instruction manual.



### FS 56 RC-E

With more power than the FS 55 R, its high-performance, fuel-efficient engine runs cleaner and smoother with fewer refuels. AUTOCUT® cutting head and Easy2Start™ technology make it easy to use.

Displacement	27.2 cc (1.66 cu. in.)
Engine Power	0.8 kW (1.1 bhp)
Weight*	4.8 kg (10.6 lbs.)

### FS 56 C-E

The FS 56 C-E comes standard with Bike Handle.

Displacement	27.2 cc (1.66 cu. in.)
Engine Power	0.8 kW (1.1 bhp)
Weight*	5.2 kg (11.5 lbs.)



### FSE 60

Make every cut a clean cut. With an easy squeeze of the trigger, this lightweight grass trimmer is capable of handling small to moderate yard work. It's the perfect choice for homeowners who value convenience that is easy on the ears and easier on the environment.

Voltage	120 V (60 Hz)
Motor Output	0.6 kW (5.3 amps)
Weight	4.0 kg (8.8 lbs.)



### FSA 65

Trim your yard and your carbon footprint. The FSA 65 grass trimmer uses a 36-volt battery for zero-exhaust emission performance that is amazingly quiet and lightweight. Best of all, startups are as simple as pulling the trigger.

Weight w/AP 80	3.8 kg (8.3 lbs.)
Weight w/AP 180	4.3 kg (9.5 lbs.)
Run Time w/AP 180	Up to 70 minutes







**Real people. STIHL people.**

*"There's hard work to do on the farm. I don't mind doing the work – just give me a product that'll work. The STIHL Lithium-Ion powered trimmer is ideal for me because it's easy to use and powerful."*

**Kay Kamish**  
**Horse Farm Owner / Flight Nurse**

# Professional Trimmers

STIHL trimmers for professionals feature power, fuel-efficiency and lasting durability – and they're specially designed for heavy duty tasks – from controlled trimming jobs to extended mowing applications. They're also versatile, accepting a wide range of cutting heads and attachments for all of your trimming needs.



## FSA 85

Giving landscapers the ultimate tool for working in densely populated and noise-restricted areas. Powered by 36-volt Lithium-Ion battery technology, this grass trimmer is five times quieter than the STIHL gasoline-powered equivalent.

Weight w/AP 80	4.0 kg (8.7 lbs.)
Weight w/AP 180	4.5 kg (9.9 lbs.)
Run Time w/AP 180	Up to 35 minutes



## NEW! FSA 90 R

Packed with many of the popular features on our gas-powered models, the STIHL FSA 90 R boasts professional performance and durability, with the added benefit of zero-exhaust emissions. Powered by 36-volt Lithium-Ion technology, it is suited for landscape grass-trimming jobs in noise-sensitive areas.

Weight w/AP 80	3.4 kg (7.5 lbs.)
Weight w/AP 180	5.1 kg (11.2 lbs.)
Run Time w/AP 180	Up to 21 minutes



## FS 70 R

This straight-shaft trimmer boasts a powerful, fuel-efficient engine and AUTOCUT® head with TapAction™ to feed new trimmer line. A highly durable cable drive shaft, forged connecting rod and four-bearing gearbox make it built to last.

Displacement	27.2 cc (1.66 cu. in.)
Engine Power	0.95 kW (1.27 bhp)
Weight*	5.3 kg (11.7 lbs.)



## FS 90 R

Precise, powerful and environmentally conscious, these low exhaust emission trimmers sport a 5% increase in engine power over the FS 70 R and accept a wide range of heavy duty cutting heads for maximum versatility.

Displacement	28.4 cc (1.73 cu. in.)
Engine Power	0.95 kW (1.27 bhp)
Weight*	5.3 kg (11.7 lbs.)
<b>FS 90</b>	
Bike handle version available.	
Displacement	28.4 cc (1.73 cu. in.)
Engine Power	0.95 kW (1.27 bhp)
Weight*	5.5 kg (12.1 lbs.)



For full specification information for all STIHL trimmers, please refer to page 160.

**"Overall, a great trimmer. Starts easy. Well balanced. Built to last."**

STIHL FS 90 R ★★★★★ 6/6/13 - User: BuffaloGrassMan

Check out this review and others on the product page at [stihlusa.com](http://stihlusa.com)



### FS 94 R

The FS 94 R is the lightest weight gasoline-powered professional straight shaft trimmer in the STIHL lineup. An innovative control handle with ECOSPEED for variable speed control and our proven low-exhaust emissions engine come standard.

Displacement	24.1 cc (1.47 cu. in.)
Engine Power	0.9 kW (1.2 bhp)
Weight*	4.6 kg (10.1 lbs.)



For protective apparel see page 134.



### FS 100 RX

8% lighter and 10% more power than the FS 90 R, this high-powered, low-exhaust emission, straight-shaft trimmer delivers big power in a lightweight package. Designed for professional dedicated line head use.

Displacement	31.4 cc (1.9 cu. in.)
Engine Power	1.05 kW (1.4 bhp)
Weight*	4.9 kg (10.8 lbs.)



### FS 110

Fuel-efficient without sacrificing the power to cut through tough landscaping tasks, the FS 110 features quick, smooth acceleration in a lightweight, balanced, low-profile design.

Displacement	31.4 cc (1.9 cu. in.)
Engine Power	1.05 kW (1.4 bhp)
Weight*	5.8 kg (12.8 lbs.)

### FS 110 R

Loop handle (R) version available.

Displacement	31.4 cc (1.9 cu. in.)
Engine Power	1.05 kW (1.4 bhp)
Weight*	5.5 kg (12.1 lbs.)



\* Weight is without cutting attachment or deflector





# Professional Trimmers



## FS 130

These heavy duty trimmers feature an incredible 33% increase in engine power over the FS 110 trimmer while maintaining an excellent power-to-weight ratio. Anti-vibration system provides enhanced user comfort.

Displacement	36.3 cc (2.2 cu. in.)
Engine Power	1.4 kW (1.9 bhp)
Weight*	5.9 kg (13.0 lbs.)

## FS 130 R

Loop handle (R) version available.

Displacement	36.3 cc (2.2 cu. in.)
Engine Power	1.4 kW (1.9 bhp)
Weight*	5.6 kg (12.3 lbs.)



## FS 240

The powerful FS 240 is great for cutting wild growth, right-of-way or other heavy duty professional applications. Its bike-handle design with soft-grip handles makes it easy to complete large jobs with less fatigue and more comfort.

Displacement	37.7 cc (2.3 cu. in.)
Engine Power	1.7 kW (2.3 bhp)
Weight*	7.0 kg (15.4 lbs.)

## FS 240 R

Loop handle (R) version available.

Displacement	37.7 cc (2.3 cu. in.)
Engine Power	1.7 kW (2.3 bhp)
Weight*	6.6 kg (14.6 lbs.)

## FS 310

Featuring a powerful, fuel-efficient and low-exhaust emissions engine, this trimmer keeps professionals like you working longer with fewer refuels. A great convenience feature is its easy adjust handle bar, which swivels for easy transport and storage. The FS 310 also comes with a universal double harness.

Displacement	36.3 cc (2.2 cu. in.)
Engine Power	1.4 kW (1.9 bhp)
Weight*	7.2 kg (15.9 lbs.)



# Brushcutters & Forestry Clearing Saws



## FS 360 C-E

The STIHL FS 360 C-E brushcutter has a 21% increase in engine power over the FS 310 and has a fuel-efficient engine, keeping you cutting longer with fewer refuel breaks. Ideal for cutting thickets and thinning wild growth, this clearing saw can take on heavy clearing jobs while remaining environmentally conscious.

Displacement	37.7 cc (2.3 cu. in.)
Engine Power	1.7 kW (2.3 bhp)
Weight*	8.5 kg (18.7 lbs.)



## FS 460 C-EM

The first STIHL brushcutter available featuring the STIHL M-Tronic™ system. With a 29% increase in engine power over the FS 360 C-E, STIHL Easy2Start™, a fuel-efficient engine, vertically-pleated paper air filter element for extended service life and a four-point anti-vibration system for improved comfort, the FS 460 C-EM definitely ranks high for superior performance.

Displacement	45.6 cc (2.8 cu. in.)
Engine Power	2.2 kW (3.0 bhp)
Weight*	8.5 kg (18.7 lbs.)



## FS 560 C-EM

The most powerful STIHL clearing saw in its class – the FS 560 C-EM cuts through wild growth, hedges and thickets with a rugged design ideal for heavy landscape and forest thinning. Powered by a low-emission engine that is 12% more fuel-efficient than the previous model, the STIHL FS 560 C-EM clearing saw features the STIHL M-Tronic™ ignition system.

Displacement	57.1 cc (3.48 cu. in.)
Engine Power	2.8 kW (3.75 bhp)
Weight*	10.2 kg (22.5 lbs.)



\* Weight is without cutting attachment or deflector

# Brushcutter & Clearing Saw Accessories, Trimmer Line

## Shoulder Harnesses

These harnesses distribute the load from your hands to your shoulders. They help reduce operator fatigue and make it easier to use brushcutters and clearing saws for extended periods. **A double shoulder harness is required by ANSI when using a circular saw blade on a brushcutter.**



Forestry Double Shoulder Harness



Double Standard Harness



Universal Double Shoulder Harness



Deluxe Single Harness

Single Harness

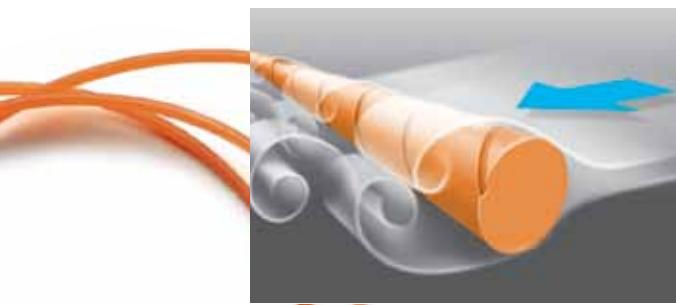
## Color-coded/nylon line

The thickness of the nylon line varies, depending on the performance class and operating conditions. So that the diameter of the cutting line can be easily determined, the premium round, Quiet Line™ and pentagon nylon lines are color-coded.

- .065" (1.6 mm) dia.
- .080" (2.0 mm) dia.
- .095" (2.4 mm) dia.
- .105" (2.7 mm) dia.
- .120" (3.0 mm) dia.
- .130" (3.3 mm) dia.
- Commercial Line
- X-Line

## STIHL Quiet Line™

Spiral grooves greatly reduce wind noise.



Line Type	Color/ Diameter	22'-65' Spools	Approx. 1/2 lb. Spool	Approx. 1 lb. Spool	3 lb. Spool	5 lb. Spool
Premium Round Line	● .065 ● .080 ● .095 ● .105 ● .120 ● .130 ● .155	● ● ● ● ● ● ●	● ● ● ● ● ● ●	● ● ● ● ● ● ●	● ● ● ● ● ● ●	● ● ● ● ● ● ●
Quiet Line™	● .065 ● .080 ● .095 ● .105 ● .155	● ● ● ● ●	● ● ● ● ●	● ● ● ● ●	● ● ● ● ●	● ● ● ● ●
Commercial Round Line	● .095 ● .105			● ● ●	● ● ●	● ● ●
Premium Square Line	● .095 ● .105 ● .120 ● .130		● ● ●	● ● ●	● ● ●	● ● ●
Commercial Square Line	● .095 ● .105			● ● ●	● ● ●	● ● ●
Pentagon Line	● .095 ● .105 ● .120 ● .130		● ● ●	● ● ●	● ● ●	● ● ●
X-Line	● .095 ● .105		● ● ●	● ● ●	● ● ●	● ● ●
DuroCut Serrated Line	● .080 ● .120 ● .155		Packed 48 pieces per tube	Packed 48 pieces per tube	Packed 48 pieces per tube	Packed 48 pieces per tube







# Homeowner Hedge Trimmers

Clean lines, defined edges and uniform precision. With a STIHL hedge trimmer, you can bring that something special to your own landscape each and every time. With our select line of gasoline-, electric- and battery powered hedge trimmers, maintaining those leafy shrubs feels less like physical labor and more like creating a work of art.



## HS 45

Lightweight, easy-to-use and ideal for trimming around the home, an 18" double-sided reciprocating blade and comfortable handles, move from hedge to hedge and create clean, even cuts with precision.

Displacement	Engine Power	Weight
27.2 cc (1.66 cu. in.)	0.75 kW (1.01 bhp)	4.7 kg (10.4 lbs.)



## HS 46 C-E

Our lightest gasoline-powered hedge trimmer is well-balanced, fuel-efficient and features STIHL Easy2Start™ for nearly effortless starting. Its advanced anti-vibration system reduces vibration levels by 40% compared to previous models for reduced fatigue.

Displacement	Engine Power	Weight
21.4 cc (1.31 cu. in.)	0.65 kW (0.87 bhp)	4.3 kg (9.5 lbs.)



## HSE 52

Homeowners will love this quiet, dependable and powerful electric hedge trimmer. Its lightweight and well-balanced design reduces operator fatigue and a 20" blade provides high cutting efficiency. The HSE 52's versatility makes it perfect for jobs large or small.

Voltage	Motor Output	Weight
120 V (60 Hz)	460 w (3.8 amps)	3.1 kg (6.8 lbs.)



## HL 45 (0°)

Well-balanced and feature-rich: a 26" long shaft provides homeowners professional reach in a value package. Its 20" double-sided blade features an integrated cutter guard, perfect for trimming tall or wide bushes and hedges.

Displacement	Engine Power	Weight
27.2 cc (1.66 cu. in.)	0.75 kW (1.01 bhp)	5.6 kg (12.2 lbs.)

## IMPORTANT INFORMATION

**WARNING:** Improper use of any power tool may cause serious or fatal injury. Read, understand and follow carefully the operating and safety instructions in your instruction manual before using these products.

For full specification information for all STIHL Hedge Trimmers, please refer to page 160.



# Professional Hedge Trimmers



24" blade

## HSE 70

The same lightweight features and quiet performance as the HSE 60, but with a 24" cutting blade. Made for clean, quiet cutting, the HSE 70 is lightweight, well-balanced and easy-to-maneuver with expanded cutting depth.

Voltage	Motor Output	Weight
120 V (60 Hz)	500 w (4.5 amps)	4.2 kg (9.3 lbs.)



24" blade

## HS 56 C-E

The ideal balance of power and portability, featuring professional-grade cutting power and Easy2Start™ technology. A 24" cutting blade with protective tip guard keeps blades sharper, longer, for precise trimming in hard-to-reach places.

Displacement	Engine Power	Weight
21.4 cc (1.31 cu. in.)	0.65 kW (0.87 bhp)	4.5 kg (9.9 lbs.)



**"The STIHL HS 56 C-E is a solid performer and my main workhorse for all of my residential work!"**

STIHL HS 56 C-E ★★★★★ 5/28/13 - User: GOGREENprofessional - Los Banos, CA

Check out this review and others on the product page at [stihlusa.com](http://stihlusa.com)



### The 2-year limited warranty coverage

for commercial users on STIHL lawn care equipment and other selected power tools for commercial users is in addition to STIHL's industry leading, extended warranty coverage like lifetime drive-shaft coverage, lifetime clutch warranty and more. You can depend on your STIHL equipment to work as hard as you do, and for STIHL to stand behind its equipment. See your dealer for details.

### IMPORTANT INFORMATION

**WARNING:** Improper use of any power tool may cause serious or fatal injury. Read, understand and follow carefully the operating and safety instructions in your instruction manual before using these products.





20" blade

## HSA 66

With up to 40% longer run time and one pound lighter than the HSA 65, this Lithium-Ion hedge trimmer delivers professional performance ideal for both precision sculpting and general hedge trimming. Users will appreciate the minimal maintenance of a commercial-grade electric motor without the hassle of fuel or a power cord.

Weight w/AP 80	Weight w/AP 180	Run Time w/AP 180
4.3 kg (9.5 lbs.)	4.9 kg (10.7 lbs.)	Up to 140 minutes
<b>Battery</b> KOMBI SYSTEM		Run Time w/AP 180
		Up to 660 minutes



HS 82 T shown

24" or 30" blade

## NEW! HS 82 R

The new HS 82 R comes equipped with a fuel-efficient, low-exhaust emissions engine for long run-times. Available in both 24" and 30" blade lengths, with wider tooth spacing and double-sided design, to tackle heavy duty pruning tasks. Low-vibration and a swivel handle provide improved comfort and convenience.

Displacement	Engine Power	Weight
24" 22.7 cc (1.4 cu. in.)	0.7 kW (0.90 bhp)	5.4 kg (11.9 lbs.)
30" 22.7 cc (1.4 cu. in.)	0.7 kW (0.90 bhp)	5.7 kg (12.6 lbs.)

## NEW! HS 82 T

Displacement	Engine Power	Weight
24" 22.7 cc (1.4 cu. in.)	0.7 kW (0.90 bhp)	5.1 kg (11.2 lbs.)
30" 22.7 cc (1.4 cu. in.)	0.7 kW (0.90 bhp)	5.3 kg (11.7 lbs.)

## NEW! HS 87 R

The heavy duty 30" single-sided blade has wide-spaced teeth for pruning and rejuvenating overgrown shrubs. High torque for large-scale trimming, yet lightweight with an improved engine design and low vibration technology for less fatigue.

Displacement	Engine Power	Weight
30" 22.7 cc (1.4 cu. in.)	0.7 kW (0.90 bhp)	5.5 kg (12.1 lbs.)

## NEW! HS 87 T

Displacement	Engine Power	Weight
30" 22.7 cc (1.4 cu. in.)	0.7 kW (0.90 bhp)	5.2 kg (11.5 lbs.)
40" 22.7 cc (1.4 cu. in.)	0.7 kW (0.90 bhp)	5.5 kg (12.1 lbs.)



HS 87 T shown

30" or 40" blade

R model blade designed for rejuvenation and heavy pruning.

T model blade designed for trimming and sculpting.





**Real people. STIHL people.**

*"STIHL has a great loyalty to the distributors and dealers because of the great service they provide. If I ever have an issue with any of my equipment, I can take it to my local STIHL Dealer and have them take care of me. That way, I can continue to take care of my clients."*

**Zack Kline**  
**Professional Landscaper**



# Extended-Reach Hedge Trimmers



HLA 65's and HLA 85's six blade-locking positions offer a 105° working range.



## HLA 65

The STIHL HLA 65 extended-reach, professional hedge trimmer delivers the convenience and ease of use of 36-volt Lithium-Ion battery power. With a variable speed trigger; six blade-locking positions that offer a 105° working range; and 20-inch, double-sided, reciprocating blades, the HLA 65 provides superior maneuverability and control.

Weight w/AP 80	4.6 kg (10.1 lbs.)
Weight w/AP 180	5.2 kg (11.4 lbs.)
Run Time w/AP 180	Up to 140 minutes



**Battery**  
KOMBI SYSTEM

## NEW! HLA 85

Advanced 36-volt STIHL Lithium-Ion battery technology provides a new zero-exhaust emission versatile extended reach hedge trimming option with professional performance and precise cutting. Versatile telescopic shaft easily adjusts from 8.5 ft to 10.5 ft while the -45° / +70° articulating gear box is designed for cutting the tops of high bushes and near the ground in hard to reach places.\*

Weight w/AP 80	5.1 kg (11.4 lbs.)
Weight w/AP 180	5.7 kg (12.6 lbs.)
Run Time w/AP 180	Up to 140 minutes



## HL 90 K (0°)

A 26" long shaft, fixed-angle cutting blade and well-balanced design allow for trimming hard-to-reach areas with greater precision and control. A fuel-efficient engine and anti-vibration control handle make it ideal for extended use.

Displacement	28.4 cc (1.73 cu. in.)
Engine Power	0.95 kW (1.27 bhp)
Weight*	5.7 kg (13.01 lbs.)



## **IMPORTANT INFORMATION**

**WARNING:** Improper use of any power tool may cause serious or fatal injury. Read, understand and follow carefully the operating and safety instructions in your instruction manual before using these products.



### **HL 100 K (0°)**

Featuring a 42" long shaft and fixed-angle trimming head for constant cutting precision, this extended-reach hedge trimmer features a low-emission, fuel-efficient engine, without sacrificing power and torque.

Displacement	31.4 cc (1.9 cu. in.)
Engine Power	1.05 kW (1.4 bhp)
Weight*	6.0 kg (13.2 lbs.)



For protective apparel see page 134.



### **HL 100 (135°)**

Our longest extended-reach hedge trimmer model has a shaft length of nearly 60" and provides a working range of 135°. Its adjustable cutting head is equipped with 13 locking positions while a fuel-efficient, low-exhaust emissions engine requires less refueling.

Displacement	31.4 cc (1.9 cu. in.)
Engine Power	1.05 kW (1.4 bhp)
Weight*	6.9 kg (15.3 lbs.)



### **HL 100 K (135°)**

This adjustable-angle professional hedge trimmer boasts a 42" extended shaft and a low-exhaust emissions engine for environmentally responsible hedge trimming along with power and versatility.

Displacement	31.4 cc (1.9 cu. in.)
Engine Power	1.05 kW (1.4 bhp)
Weight*	6.4 kg (14.8 lbs.)



# Homeowner and Professional Pole Pruners

STIHL pole pruners put high trimming jobs within reach, giving users the power and precision to trim once-inaccessible branches down to size. You may not be able to identify every component of STIHL technology at work, but you'll feel it in your hands: The balanced weight. The smooth cutting operation. Every integral part working together as you take down limbs – all while standing firmly on the ground.



## HTA 85

The HTA 85 features Lithium-Ion battery technology in an extended-reach pole pruner. Minimal maintenance and low operating costs benefit this environmentally responsible pruner, which extends to over 12' for those hard to reach limbs.

Weight w/o Battery	3.2 kg (7.0 lbs.)
Weight w/Battery (AP 180)	4.9 kg (10.8 lbs.)
Run Time w/AP 180	Up to 35 minutes



## HT 56 C-E

This low-emission, fuel-efficient pole pruner is complete with Easy2Start™ technology for nearly effortless starting. A lightweight design with a unique, two-piece shaft design allows for easy storage and transport. 9' fixed length.

Displacement	27.2 cc (1.7 cu. in.)
Engine Power	0.8 kW (1.07 bhp)
Weight	6.2 kg (13.7 lbs.)



## HT 100

A 7' fixed-length pole pruner with a low-emission engine ideal for professional trimming while delivering constant power up to 10' above the ground. A lightweight design paired with a dependable STIHL engine to get the job done.

Displacement	31.4 cc (1.9 cu. in.)
Engine Power	1.05 kW (1.4 bhp)
Weight	5.5 kg (12.1 lbs.)



## HT 101

HT 101 available with telescoping pole to reach up to 11'6".

Displacement	31.4 cc (1.9 cu. in.)
Engine Power	1.05 kW (1.4 bhp)
Weight	7.4 kg (16.3 lbs.)



## HT 130

Built with the same features as the HT 100, but with a larger displacement engine for tough cutting jobs, the HT 130 makes quick work of heavy tree maintenance while still remaining fuel-efficient and light on emissions.

Displacement	36.3 cc (2.2 cu. in.)
Engine Power	1.4 kW (1.9 bhp)
Weight*	5.8 kg (12.8 lbs.)



## HT 131

HT 131 available with telescoping pole to reach up to 11'6".

Displacement	36.3 cc (2.2 cu. in.)
Engine Power	1.4 kW (1.9 bhp)
Weight	7.8 kg (17.2 lbs.)





HT 250

### HT 250

With the most power of any STIHL pole pruner, the HT 250 provides professional performance for the most demanding jobs. At the same weight as the HT 130, users will appreciate the additional power without the added fatigue.

Displacement	40.2 cc (2.45 cu. in.)
Engine Power	1.6 kW (2.15 bhp)
Weight*	6.4 kg (14.1 lbs.)



### IMPORTANT INFORMATION

#### DANGER! RISK OF ELECTROCUTION!

Pole pruners are not insulated. Approaching or contacting electric power lines with these tools may cause serious injury or death from electrocution. Electricity can jump from one point to another by means of arcing and/or may be conducted through damp branches. Maintain a clearance of at least 50 feet (15 m) between the tools and any electrical line carrying live current. To reduce the risk of injury from falling objects do not cut vertically above your head. Always wear a safety helmet and eye protection. Keep bystanders away. Use only STIHL authorized cutting attachments.



#### Real people. STIHL people.

*"We have always shopped at independently owned stores. STIHL products represent the difference between us and the mass merchants. We're the ones who can get customers up and running quicker by servicing what we sell."*

**Coleman and Barden Winstead,  
Land and Coates Inc.**

# Homeowner and Professional Edgers

When nature crosses the line, lay down the law with a STIHL edger. With powerful, low-emission engines, our edging tools help you take back your sidewalks, walkways and curbs. Keep grass under control, weeds under wraps and soil in its proper place. With a STIHL lawn edger, you can add a crisp, finishing touch at home, on the job or anywhere in need of bold new definition. They're as close as you can get to giving your landscape an exclamation mark.



## FC 56 C-E

With its fuel-efficient, low-exhaust emissions engine, this edger powers through curbside annoyances while the professional-design open guard greatly reduces the likelihood of clogging. The semi-automatic choke lever and Easy2Start™ system make starting easy while an adjustable depth wheel allows for different cutting depths for the perfect amount of definition.

Displacement	27.2 cc (1.66 cu. in.)
Engine Power	0.8 kW (1.1 bhp)
Weight	6.1 kg (13.5 lbs.)



For full specification information for all STIHL trimmers, please refer to page 160.

## FC 70

This curved-shaft edger saves time and money with longer run times and fewer refuels. Featuring a highly durable, forged connecting rod, this lawn edger is built to last for home, farm or professional use. Its professional-design open guard greatly reduces the likelihood of clogging.

Displacement	27.2 cc (1.66 cu. in.)
Engine Power	0.9 kW (1.2 bhp)
Weight	5.9 kg (13.0 lbs.)

## FC 90

Ideal for high-volume work, the FC 90 delivers 5% more engine power than the FC 70 with its efficient, low-exhaust emissions engine. An open guard design greatly reduces the likelihood of clogging. Boasts faster blade speeds, heavy duty skid plate and an adjustable depth wheel allows for variable cutting depth.

Displacement	28.4 cc (1.73 cu. in.)
Engine Power	0.95 kW (1.27 bhp)
Weight	6.0 kg (13.2 lbs.)



## IMPORTANT INFORMATION

**WARNING:** Improper use of any power tool may cause serious or fatal injury. Read, understand and follow carefully the operating and safety instructions in your instruction manual before using these products.



**FC 95**

The FC 95 has all the hard-working features of the FC 90 in a straight-shaft design. A professional "open" deflector design helps minimize clogging and features an adjustable depth wheel for definition control. The new gearbox provides faster blade speed and greater productivity.

Displacement	28.4 cc (1.73 cu. in.)
Engine Power	0.95 kW (1.27 bhp)
Weight	6.8 kg (15.0 lbs.)

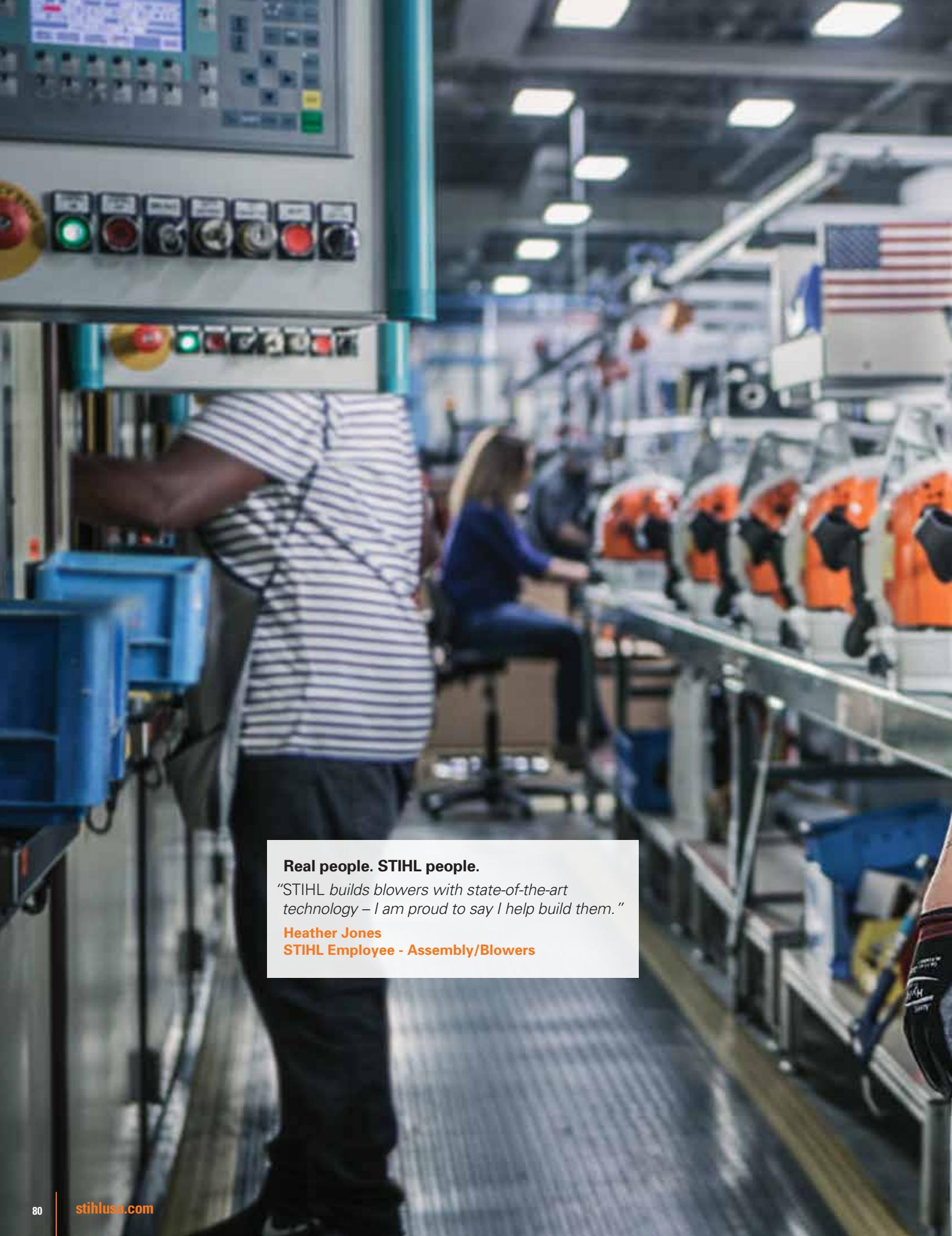


**FC 110**

Our most powerful professional edger large-displacement, low-exhaust emissions engine, straight solid shaft and 10% more engine power than the FC 95. Open deflector design minimizes clogging and "line of sight" marking provides increased accuracy. A new gearbox provides faster blade speed.

Displacement	31.4 cc (1.9 cu. in.)
Engine Power	1.05 kW (1.4 bhp)
Weight	6.8 kg (15.0 lbs.)





**Real people. STIHL people.**

*"STIHL builds blowers with state-of-the-art technology – I am proud to say I help build them."*

**Heather Jones**  
**STIHL Employee - Assembly/Blowers**



# Handheld Blower Common Features



**NOTE:** STIHL handheld blowers have many common features, but all models may not have every feature shown here. Consult your dealer for details.



## STIHL Easy2Start™ (E)

A quick pull overcomes the engine's compression to minimize the strength and effort required to start.



## Anti-Vibration System

Minimizes the vibration levels and helps reduce operator fatigue. BG 86 and BG 86 C-E only.



## Throttle Trigger Lock

Stop switch allows user to turn off the engine with the press of a lever and locks throttle for continuous air flow.



## Purge Pump Primer

Enables the user to prime the carburetor with fuel, enabling easier starting.



## Translucent Fuel Tank

Allows operator to easily check fuel level before starting work.



## Soft Grip Handle

This handle design provides a secure and comfortable grip. BG 86 and BG 86 C-E only.



## Built-in Cable Strain Relief

Helps prevent the power cord from becoming accidentally disconnected.



## Control Lever

Variable air speeds can be continuously adjusted to regulate airflow. When released, the engine stops.



Electric-Powered Tools

Electric- or Battery Powered Tools

# Backpack Blower Common Features

**NOTE:** STIHL backpack blowers have many common features, but all models may not have every feature shown here. Consult your dealer for details.



## Simplified Starting Procedure

Dramatically reduces the number of steps required to start.



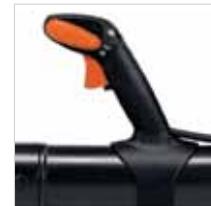
## Anti-Vibration System

Minimizes the vibration levels and helps reduce operator fatigue.



## Adjustable Support Harness

Distributes weight evenly across the shoulders and back, reducing user fatigue.



## Multi-Function Control Handle

Gives easy access to all of the controls on one comfortable handle.



## STIHL ElastoStart™ Starter Handle

Starter handle has an exclusive STIHL comfort starting grip with a built-in shock absorber.



## IntelliCarb™ Compensating Carburetor

Automatically adjusts the air/fuel ratio when the air filter becomes restricted or partially clogged.



## Translucent Fuel Tank

Allows operator to easily check fuel level before starting work.



## Wear Area Nozzle

Specially designed with an extended-wear area to prolong equipment life.

# Homeowner Blowers

From electric- and battery powered motors to high-efficiency, low-emission, gasoline-powered engines, STIHL blowers deliver lasting quality in a product you'll actually enjoy using. These lightweight blowers are a breeze to use and can power through cluttered yards and walkways without hesitation.



## BGE 61

Easy. Quiet. Done. The STIHL BGE 61 handheld blower is part of a generation of lightweight, powerful electric leaf blowers. Its compact design produces low noise and zero emissions.

Voltage	Motor Output	Weight
120 V (60 Hz)	1.1 kW (9.2 amps)	3.1 kg (6.8 lbs.)



## BGE 71

With its two-speed, handle-mounted switch, the STIHL BGE 71 gives you the power you need, when you need it. Perfect for use outdoors in quiet residential or commercial office settings. And with optional kits, you can convert it into a vacuum and gutter cleaner.

Voltage	Motor Output	Weight
120 V (60 Hz)	1.1 kW (9.2 amps)	3.1 kg (6.8 lbs.)



## BG 55

A proven handheld blower at an affordable price, it's engineered for optimal performance and fuel efficiency in a sleek and ergonomic design. Provides the power needed to clean up leaves and lawn clippings fast.

Displacement	Engine Power	Weight
27.2 cc (1.66 cu. in.)	0.7 kW (0.9 bhp)	4.1 kg (9.0 lbs.)



## BG 56 C-E

An easy-to-use handheld blower with a simplified starting system paired with STIHL Easy2Start™ making starting virtually effortless. The high-performance, low-emission engine makes quick work of leaves and other yard waste.

Displacement	Engine Power	Weight
27.2 cc (1.66 cu. in.)	0.7 kW (0.9 bhp)	4.2 kg (9.3 lbs.)



For protective apparel see page 136.



### IMPORTANT INFORMATION

**WARNING:** Improper use of any power tool may cause serious or fatal injury. Read, understand and follow carefully the operating and safety instructions in your instruction manual before using these products.



**"Very dependable, reliable, and always ready to go when I need it."**

STIHL BG 55 ★★★★★ 9/13/14 - User: buffalobob60 - Illinois

Check out this review and others on the product page at [stihlusa.com](http://stihlusa.com)



# Homeowner Blowers & Shredder Vacs



Tube to convert vacuum to handheld blower included.

## BGA 85

Featuring a powerful 36-volt, Lithium-Ion battery for excellent blowing power that is quiet, clean, and, best of all, cordless. This lightweight blower is extremely compact, weighing a mere 7 lbs. without battery, yet it delivers over 100 m.p.h. of air to move stubborn yard debris.

Weight w/o Battery	Weight w/Battery (AP 180)	Run Time w/AP 180
3.2 kg (7.0 lbs.)	4.9 kg (10.8 lbs.)	Up to 23 minutes



## SH 56 C-E

A fuel-efficient shredder vac/blower with the convenience of the Easy2Start™ System, it cuts yard waste down to size. This versatile tool comes standard with the necessary parts to easily convert the shredder vac into a handheld blower.

Displacement	Engine Power	Weight
27.2 cc (1.66 cu. in.)	0.7 kW (0.9 bhp)	5.2 kg (11.5 lbs.)



**"I love this blower! Used weekly for the past three years with NO troubles. Professional-grade quality."**

STIHL BR 200 ★★★★★ 7/11/13 - User: rentahubby - DeKalb, IL

Check out this review and others on the product page at [stihlusa.com](http://stihlusa.com)



## BR 200

A lightweight, professional-caliber backpack blower for use around the home. Comfortable and affordable, its single-handed operation is easy to control while its lightweight design and anti-vibration technology enhance operator comfort.

Displacement	Engine Power	Weight
27.2 cc (1.66 cu. in.)	0.8 kW (1.10 bhp)	5.7 kg (12.6 lbs.)

## BR 350

A fuel-efficient backpack blower that delivers professional-grade performance, the BR 350 provides rugged power to tackle heavy debris while delivering exceptional fuel economy and lower emissions than previous models. A great value for larger properties, ranches and farms.

Displacement	Engine Power	Weight
63.3 cc (3.86 cu. in.)	2.1 kW (2.8 bhp)	10.0 kg (22.0 lbs.)

For full specification information for all STIHL blowers, please refer to page 161.

# Professional Blowers & Shredder Vacs

STIHL offers a comprehensive line of blowers for landscaping professionals, each one made to deliver power, comfort, durability and no-fuss ease of use. Our fuel-efficient, low-emission engines and large fuel tanks reduce your need for refuels and save you money on fuel costs.



## BG 66 L

This quiet yet powerful handheld blower with a low-emission, fuel-efficient engine features a specially designed muffler in the blower tube, making it ideal for use in neighborhoods or other noise-sensitive areas.

Displacement	Engine Power	Weight
27.2 cc (1.66 cu. in.)	0.6 kW (0.8 bhp)	4.4 kg (9.7 lbs.)



Both flat and round nozzles included.

## BG 86 with HD-2 filter system

Our most powerful handheld blower, designed for landscaping professionals, features a fuel-efficient, low-emission gasoline-powered engine, and includes both flat and round nozzle attachments for better job versatility.

Displacement	Engine Power	Weight
27.2 cc (1.66 cu. in.)	0.8 kW (1.10 bhp)	4.4 kg (9.7 lbs.)

## BG 86 C-E with HD-2 filter system

The BG 86 C-E comes equipped with STIHL Easy2Start™ technology.

Displacement	Engine Power	Weight
27.2 cc (1.66 cu. in.)	0.8 kW (1.10 bhp)	4.5 kg (9.9 lbs.)



Tube to convert vacuum to handheld blower included.

## SH 86 C-E with HD-2 filter system

This professional-grade shredder vac/blower shares the same features as the SH 56 C-E, but delivers higher air volume and velocity for tackling difficult yard waste. Soft-grip handles and anti-vibration technology provide greater comfort on the job.

Displacement	Engine Power	Weight
27.2 cc (1.66 cu. in.)	0.8 kW (1.1 bhp)	5.6 kg (12.3 lbs.)



### IMPORTANT INFORMATION

**WARNING:** Improper use of any power tool may cause serious or fatal injury. Read, understand and follow carefully the operating and safety instructions in your instruction manual before using these products.

# Professional Blowers



## BR 430

A professional-grade backpack blower with excellent fuel economy. Its 57.5 oz. fuel tank means fewer refuels while features such as an advanced anti-vibration system, ElastoStart™ starter handle, and back padding provide reduced fatigue.

Displacement	Engine Power	Weight
63.3 cc (3.86 cu. in.)	2.9 kW (3.9 bhp)	10.1 kg (22.3 lbs.)



## BR 500

The BR 500's powerful, low-emission engine has a specially designed muffled blower tube that reduces noise to a quiet 65 dB(A) (as measured by ANSI B175.2) without sacrificing power. An excellent choice for use in residential neighborhoods or in municipalities with noise restrictions.

Displacement	Engine Power	Weight
64.8 cc (3.95 cu. in.)	2.0 kW (2.7 bhp)	10.1 kg (22.3 lbs.)



## BR 550

This low-emission backpack blower for professionals combines fuel-efficiency and an affordable price. Its rugged, fuel-efficient engine delivers excellent performance with fewer emissions. A 3-position adjustable blower tube offers flexibility to crews with multiple users.

Displacement	Engine Power	Weight
64.8 cc (3.95 cu. in.)	2.5 kW (3.4 bhp)	9.9 kg (21.8 lbs.)



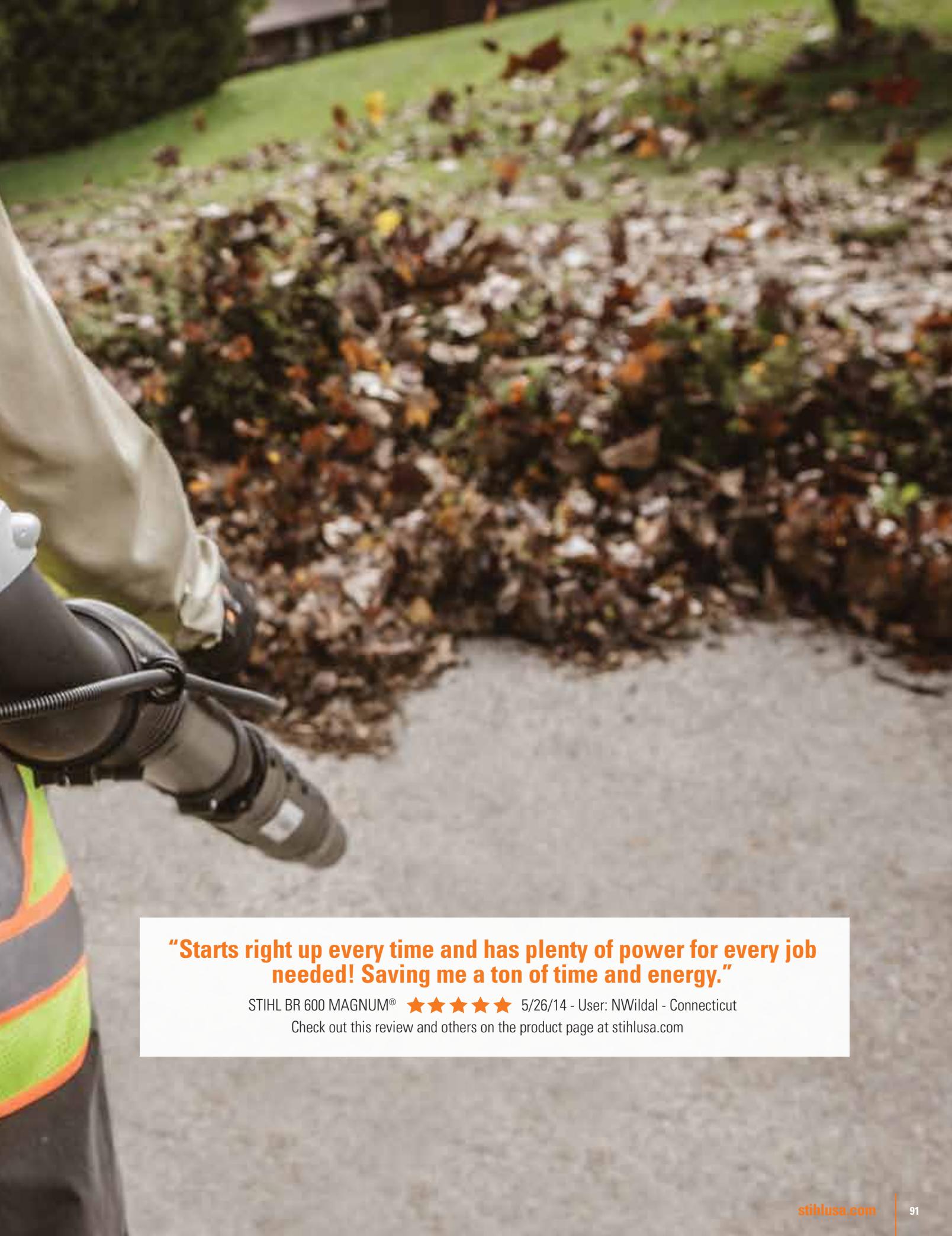
## BR 600 MAGNUM®

The all-in-one backpack blower sets the standard with its combination of power, fuel efficiency and durability. The BR 600 boasts the highest air volume and velocity of all our backpack blowers with low-emission engine technology.

Displacement	Engine Power	Weight
64.8 cc (3.95 cu. in.)	2.8 kW (3.8 bhp)	9.8 kg (21.6 lbs.)







**"Starts right up every time and has plenty of power for every job needed! Saving me a ton of time and energy."**

STIHL BR 600 MAGNUM® ★★★★★ 5/26/14 - User: NWildal - Connecticut

Check out this review and others on the product page at [stihlusa.com](http://stihlusa.com)

# Sprayers

STIHL offers a select line of landscaping sprayers, each one specially designed to meet your unique spraying tasks. For outdoor jobs – like spraying orchards or spraying both liquid or granular materials requiring greater range and high pressure – STIHL sprayers deliver power, comfort and ease of use.



## SR 200

A compact and lightweight liquid sprayer designed for comfortable operation. This sprayer is easy to start, easy to use and provides professional performance.

Displacement	27.2 cc (1.66 cu. in.)
Motor Output	0.8 kW (1.1 bhp)
Weight	8.5 kg (18.7 lbs.)



## SR 450

A powerful backpack sprayer/duster that easily converts from liquid to granular applications with a low-emission, fuel-efficient engine.

Displacement	63.3 cc (3.86 cu. in.)
Motor Output	2.9 kW (3.9 bhp)
Weight	12.8 kg (28.2 lbs.)



## NEW! SG 51

Designed for occasional and professional use, the SG 51 has a lesser-volume capacity than the SG 71, providing lower weight for comfortable operation with reduced fatigue.

Tank Capacity	12 L (3.2 gals.)
Working Pressure	40 psi +/- 10%
Dry Weight	4.5 kg (9.9 lbs.)



## NEW! SG 71

This backpack sprayer features a robust design, large-volume capacity, ergonomic shut-off valve, and adjustable brass nozzle – all equipped to stand up to professional spray jobs.

Tank Capacity	18 L (4.75 gals.)
Working Pressure	40 psi +/- 10%
Dry Weight	4.8 kg (10.6 lbs.)

## Sprayer Accessories (for SR 200 and SR 450)

### Metering Pump Kit

Provides constant delivery rate and recirculates liquid in holding tank.

### ULV Nozzle Kit

Decreases flow rates allowing users to conserve spray media.



### NEW! SG 31

This new mid-range sprayer features a 1.32-gallon capacity for all your home, garden or farm spraying needs. Applications include weeds, pest control and liquid chemicals.

Tank Capacity	5 L (1.32 gals.)
Working Pressure	29 psi +/- 10%
Dry Weight	1.8 kg (4.0 lbs.)

### NEW! SG 11

A lightweight and tough multi-purpose handheld sprayer for quick spraying tasks. Perfect for use around the home for spraying insecticides, herbicides and fertilizers, or misting house plants.



Tank Capacity	1.5 L (0.40 gals.)
Dry Weight	0.46 kg (1.0 lbs.)

Where there's work, there's usually a mess. Perfect for your home or the job site, STIHL wet/dry vacuums are designed to clean your workspace fast – allowing you to switch instantly from dry to wet cleanup without a filter change. Plus, each vac features an array of attachments to tackle your mess, whatever or wherever it may be.



## NEW! SE 62

Powerful enough for a construction site yet designed to fit neatly into your home or workshop, the new turbine design of the SE 62 provides improved efficiency and performance. Low noise, highly efficient and can handle heavy duty wet and dry cleanup tasks with a larger, 6.6-gallon capacity.

Voltage	Motor Output	Weight
120 V (60 Hz)	1000 w (8.3 amps)	7.5 kg (16.5 lbs.)



**"I have had as many as six shop vacs at one time, but when I purchased the STIHL SE 122, I had to put the others away. The vac has all the power you need to get the job done!"**

STIHL SE 122 ★★★★★ 10/29/13 - User: Sawman1 - Berlin, WI

Check out this review and others on the product page at [stihlusa.com](http://stihlusa.com)



## SE 122

Quiet yet powerful, the SE 122 boasts 11% less noise and 27% better suction than the SE 61 – all with a larger 7.9-gallon capacity canister, 10' hose and extra long 25' cord.

Switch from wet to dry seamlessly without filter change.

Voltage	Motor Output	Weight
120 V (60 Hz)	1000 w (8.3 amps)	10.0 kg (22.0 lbs.)



## IMPORTANT INFORMATION

**WARNING:** Improper use of any power tool may cause serious or fatal injury. Read, understand and follow carefully the operating and safety instructions in your instruction manual before using these products.







# About the STIHL KombiSystem

Experience performance that's greater than the sum of its parts. The STIHL KombiSystem is a family of multi-task tools comprised of a STIHL KombiMotor and a comprehensive line of KombiSystem attachments. Powered by our proven STIHL engines, they offer great power and flexibility for space-conscious homeowners and multi-tasking professionals alike.



\* Not for use with STIHL KM 56 RC-E   \*\* Not for use with STIHL KM 130 R

# STIHL KombiMotors

With the STIHL KombiSystem, you only need one powerhead for your hedge trimming, edging, pruning, cleaning and cultivating needs. Each attachment slides into the KombiMotor effortlessly and is secured via a quick-release coupling system. Just slide, twist and you're ready to go.



## KM 56 RC-E

This low-emission KombiMotor features STIHL Easy2Start™ technology and a low-emission engine that delivers both power and fuel efficiency.

Displacement	27.2 cc (1.66 cu. in.)
Engine Power	0.8 kW (1.1 bhp)
Powerhead Weight	4.3 kg (9.5 lbs.)



## KM 90 R

This versatile low-emission KombiMotor has more than enough power for professional applications.

Displacement	28.4 cc (1.73 cu. in.)
Engine Power	0.95 kW (1.27 bhp)
Powerhead Weight	4.5 kg (9.9 lbs.)



## NEW! KM 94 R

A professional-grade motor featuring a low-emission 2-stroke engine and innovative ECOSPEED variable speed control.

Displacement	24.1 cc (1.47 cu. in.)
Engine Power	0.9 kW (1.2 bhp)
Powerhead Weight	4.0 kg (8.8 lbs.)



## KM 110 R

A professional-grade motor featuring a powerful, low-emission engine and 10% more engine power than the KM 90 R.

Displacement	31.4 cc (1.9 cu. in.)
Engine Power	1.05 kW (1.4 bhp)
Powerhead Weight	4.5 kg (9.9 lbs.)



## KM 130 R

Our most powerful KombiMotor, the KM 130 R has 33% more engine power than the KM 110 R.

Displacement	36.3 cc (2.2 cu. in.)
Engine Power	1.4 kW (1.9 bhp)
Powerhead Weight	4.6 kg (10.1 lbs.)



For protective apparel see page 134.



### IMPORTANT INFORMATION

**WARNING:** Improper use of any power tool may cause serious or fatal injury. Read, understand and follow carefully the operating and safety instructions in your instruction manual before using these products.



# KombiSystem Attachments



## HL-KM

### Straight Hedge Trimmer Attachment

Turn your STIHL KombiMotor into an efficient hedge trimmer making it easier to reach those hard-to-reach hedges.

#### Optional HT/HL CFK Shaft Extension

A lightweight extension. Extends shaft by 37". Not shown. No more than one extension should be added.



## FSB-KM

### Curved Shaft Trimmer Attachment

This curved shaft trimmer attachment is lightweight, easy-to-use and designed for greater comfort and control.



Not for use with KM 130R



## HL-KM 135°

### Adjustable Hedge Trimmer Attachment

Innovative locking design adjusts, letting you cut at different angles without the need for additional tools.



## FS-KM

### Brushcutter with 4-Tooth Grass Blade Attachment

This heavy duty brushcutter attachment features a 4-tooth cutting blade for weeds and thick, tough grass.



## FH-KM 135°

### Adjustable Power Scythe Attachment

Transforms your STIHL KombiMotor into a precise weed and grass trimmer. Ideal for parking lots and tight trimming conditions.



## FCB-KM

### Curved Lawn Edger Attachment

For edging along walkways and planting beds, this attachment features an adjustable-depth control wheel and built-in blade "sight" for precision cutting.



## FS-KM

### Line Head Trimmer Attachment

Designed for trimming around obstacles, this KombiSystem attachment uses the dependable AUTOCUT® head and delivers greater maneuverability around your landscape.



## FCS-KM

### Straight Lawn Edger Attachment

This straight lawn edger attachment cleans up edges with more power and an open-deflector design.





## BF-KM

### Mini-Cultivator Attachment

This STIHL KombiSystem mini-cultivator attachment is a lightweight cultivator, ideal for flower bed rejuvenation and mixing amendments into the soil.



## HT-KM

### Pole Pruner Attachment

This attachment makes quick work of pruning trees and shrubs and features a side-access chain tensioner for easy chain adjustments.



## KW-KM

### STIHL PowerSweep™ Attachment

Heavy duty rubber flaps clean up caked dirt along concrete, moves pebbles and sand from grassy turf, and even removes water and light snow from hard, flat surfaces.



## KB-KM

### Bristle Brush Attachment

Featuring durable nylon bristles, and a wide sweeping surface (one pass covers an area up to 24" wide), this attachment makes quick work of big sweeping jobs.

**NOTE:** Not for use on grass lawns.



## BG-KM

### Blower Attachment

Lightweight multi-stage axial blower delivers the power needed for quick debris removal for outdoor cleanup projects.



## FBD-KM

### Bed Edge Redefiner

Gives bed edges a professional, manicured finish in significantly less time and with less effort than redefining bed edges with a shovel.



For use with KM 90 R,  
KM 94 R, KM 110 R  
or KM 130 R only!

## Attachment Weights

### KombiSystem Attachments

	Weight
BF-KM Mini-Cultivator	4.1 kg (9.0 lbs.) <sup>1</sup>
BG-KM Blower	1.8 kg (4.0 lbs.)
FBD-KM Bed Edge Redefiner	3.5 kg (7.7 lbs.)
FCB-KM Curved Lawn Edger	2.2 kg (4.9 lbs.) <sup>2</sup>
FCS-KM Straight Lawn Edger	2.6 kg (5.7 lbs.) <sup>2</sup>
FS-KM Line Brushcutter	1.2 kg (2.6 lbs.) <sup>3</sup>
FS-KM Line Head Trimmer	1.2 kg (2.6 lbs.) <sup>3</sup>
FSB-KM Curved Shaft Trimmer	0.7 kg (1.6 lbs.) <sup>3</sup>
FH-KM 135° Adj. Power Scythe	2.4 kg (5.3 lbs.)
HL-KM 0° Straight Hedge Trimmer	1.8 kg (4.0 lbs.)
HL-KM 135° Adj. Hedge Trimmer	2.6 kg (5.7 lbs.)
HT-KM Pole Pruner	1.8 kg (4.0 lbs.) <sup>4</sup>
KB-KM Bristle Brush	6.4 kg (14.1 lbs.) <sup>1</sup>
KW-KM STIHL PowerSweep™	7.4 kg (16.3 lbs.) <sup>1</sup>

1) With deflector

2) With cutting tool and deflector

3) Without cutting tool, without deflector

4) Without bar and chain

**NOTE:** Attachment weights do not include powerhead weights. Refer to powerhead weights on page 158.

# STIHL YARD BOSS®

Why buy a fleet of outdoor power equipment when one system will do? The STIHL YARD BOSS® is a gardening multi-task tool system that's transforming lawns and redefining lawn care. Featuring a universal power train, this yard care system accepts a wide range of attachments to complete a variety of lawn and garden tasks with only one machine to operate and maintain. Cultivate, edge, aerate, dethatch, clean up and more.

**"Of other tillers in (its) class, this is the best... good power and lightweight. And, as always, the STIHL quality is great."** STIHL YARD BOSS® ★★★★★ 5/23/13 - User: Rickster, Centralia, WA

Check out this review and others on the product page at [stihlusa.com](http://stihlusa.com)



## MM 55

Take charge of your landscape with one versatile, lightweight yard tool. This multi-task machine uses a universal power train that accepts a wide range of high-performance attachments and accessories.

Displacement	27.2 cc (1.66 cu. in.)
Engine Power	0.8 kW (1.07 bhp)
Powerhead Weight	9.5 kg (20.9 lbs.)

## MM 55 C-E

Displacement	27.2 cc (1.66 cu. in.)
Engine Power	0.8 kW (1.07 bhp)
Powerhead Weight	9.8 kg (21.6 lbs.)



## One tool – multiple attachments

Scan this QR Code with your smartphone or tablet to see the STIHL YARD BOSS® in action.



## IMPORTANT INFORMATION

**WARNING:** Improper use of any power tool may cause serious or fatal injury. Read, understand and follow carefully the operating and safety instructions in your instruction manual before using these products.



# STIHL YARD BOSS® Attachments & Accessories



## RL-MM

### Lawn Aerator

Breathe new life into your lawn. This attachment creates a series of slits into the soil of the lawn, allowing air, moisture, fertilizers and other nutrients to get to the roots.



## MF-MM

### Detatcher

Remove dead grass and other accumulated material from the top of the soil. This attachment cleans up your lawn, allowing in more sunlight and nutrients.

**NOTE:** This attachment must be used with large deflector and extensions.



## FC-MM

### Bed Edger

Walks the line between power and convenience. Use this handy tool to cut defined edges and separate the grass lawn from the planting area.



## KB-MM

### Bristle Brush

This attachment makes quick work of sweeping jobs on walkways and other paved surfaces, featuring durable nylon bristles and a wide sweeping surface — one pass covers an area up to 24" wide.

**NOTE:** This attachment must be used with large deflector and extensions. Do not use on grass lawns.



## BF-MM

### Pick Tines Cultivator

Break up weeds and hardened soil in the garden without disturbing nearby plants with these pick-style tines, delivering exceptional control while effectively loosening hardened dirt or mulch. This attachment comes standard.



## KW-MM

### STIHL PowerSweep™

Heavy duty rubber flaps clean up compacted dirt along roads and sidewalks. It even moves pebbles and sand from grassy turf, and removes water and light snow from hard flat surfaces.

**NOTE:** This attachment must be used with large deflector and extensions.



## BK-MM

### Bolo Tines Cultivator

Cultivate deeper into the soil, preparing it for planting as an alternative style to the standard pick tines. This is great for adding amendments to the soil.



## FS-MM

### Trimmer Attachment

When used together with the MM Wheel Kit, this attachment turns your MM 55 into a wheeled trimmer. Great for knocking down heavy weeds and tough growth with the ease and comfort of no longer carrying your trimmer.

**NOTE:** This attachment must be used with MM Wheel Kit.



## Optional Accessories



### MM Weight Kit

The weight kit accessory provides additional weight for optimized attachment performance.

### MM Wheel Kit

Attaches quickly and delivers improved handling, transport and maneuverability with most attachments.



### MM Depth Gauge

The depth-gauge accessory allows for variable working depths when using cultivator attachments.





**Real people. STIHL people.**

*"When I drive down the road and see equipment that I helped build, I have to smile. I work with great people every day. The best part? I met the love of my life here."*

**Mike Elkins, Lead  
STIHL Inc. Employee**

# Pruning Saws

STIHL Precision Series™ pruning saws are made for those times when hand pruners or loppers – or even power saws – just won't cut it. Ergonomically designed and delivering the quality you need to take down small branches and limbs, each saw comes with a limited lifetime warranty, so you don't have to be shy about muscling up on those high-carbon steel blades.



## PS 10

### Folding Pocket Saw

Big cutting power in a small package, this folding pruning saw features a 5.75" blade with hard chrome-plated finish and cuts branches up to 4" in diameter, all in a convenient folding design.



## PS 30

### Folding Pocket Saw

A curved 6.5" tapered ground blade improves precision and reduces pinching for branches up to 4.5" in diameter with a folding-blade design.



## PS 40

### Pruning Saw

A 7" fixed blade with impulse-hardened teeth that stays sharp three to four times longer than conventional teeth and easily cuts dense or frozen branches up to 5" in diameter.



## PS 60

### Pocket Saw

Similar in design to the PS 40, this model is made to take on dense or frozen limbs up to 7.5" in diameter and stays sharp longer than conventional teeth.



## PS 70

### Arboriculture Saw

A 13" nickel-finished blade arboriculture saw features a hardwood handle and can handle branches up to 10" in diameter.



## PS 75

### Arboriculture Saw

A high-quality 12" arboriculture saw attachment for the PP 600, PP 800 or PP 900 telescoping pole pruner.



## PS 80

### Arboriculture Saw

Our largest arboriculture saw with 16" blade for the PP 600, PP 800 or PP 900 telescoping pole pruner is equipped to cut branches with power and precision.



## PS 90

### Arboriculture Saw

This fixed-blade arboriculture saw for professionals features a 12" blade and is recommended for branches up to 10" in diameter. Its ergonomically designed handle features a comfortable, non-slip grip.



## Sharpening File

Sharpening File for pruning saws.

All STIHL Precision Series™ hand tools have a Limited Lifetime Warranty. See your STIHL Dealer for details.

# Pole Pruners & Saws

STIHL is committed to providing you with unique attention to every detail in our durable line of STIHL Precision Series™ pole pruners. They are crafted with long life, high-carbon tool steel blades that can be sharpened or replaced, and strong lightweight handles that can help you reach limbs up to 18' above ground.



## PP 600

### Telescoping Pole

This nimble, lightweight, telescoping pole pruner can be fitted with lopper or saw head to reach 10' above ground. Precision cutting in a portable package makes it ideal for landscapers on the move.

## PP 800

### Telescoping Pole

With a working reach of 18' above ground, this lightweight telescoping pole can be fitted with a lopper or saw head, providing precision cuts for those hard-to-reach-places.

## PP 100

### Extended Reach Pruner

An extended-reach precision pruner that brings down hard-to-reach branches with the squeeze of a handle. With a working reach of 7' above the ground, it is specially designed for precision cutting at almost any angle.

## PP 900

### Pole Pruner Set

Ideal for demanding, precise pruning, this heavy duty set features a high-carbon steel blade and includes two durable fiberglass poles with a reach of 12' above the ground (up to 18' with purchase of optional extension pole).



A large yellow robotic arm is positioned over a metal frame structure, likely a conveyor belt or assembly line. The background shows industrial equipment and piping. The word "STIHL" is prominently displayed in large orange letters at the top left.

**STIHL**

**Real people. STIHL people.**

*"It's my job to ensure robotic equipment is set to specific tolerances to help my fellow employees build outstanding products."*

**Brent Zabel**

**STIHL Employee - Team Leader/Process Engineer**

# Hand Pruners

When precision pruning counts, STIHL offers a diverse line of hand pruners for gardeners and other precision-minded landscapers. With hard, chrome-plated blades and sleek ergonomic designs, these pruners give you the control you need to trim exactly what you intend to trim and nothing else.

**Pruners work best when sized to fit the user's hand. Use these symbols to help select the best pruner to meet your needs.**



## PP 10

### Hand Pruner

The value-choice hand pruner for landscapers with large pruning workloads, the PP 10 is lightweight, solid and dependable. Its die-cast body holds up under high demand, while its chrome-plated blade features a sap-clearance groove to keep it sharper, longer.



Medium



## PP 30

### Hand Pruner

This hand pruner is designed for smaller hands and great for cutting twigs and medium-sized stems. Its solid, die-cast body features a PVC-coated handle, delivering the right grip when cutting twigs, vines and stems.



Small



## PP 40

### Hand Pruner

This hand pruner features longer, wider-opening blades for efficient pruning of larger stems with smooth precision. Its chrome-plated blade resists sap and can be re-sharpened when dull, extending the pruner's lifespan.



Medium

**"The precise cutting with ease and small amount of pressure is unreal."**

STIHL PP 80 Hand Pruner ★★★★★ stihlguy88 - Dalton, OH

Check out this review and others on the product page at [stihlusa.com](http://stihlusa.com)



## PP 60

### Hand Pruner

A powerful hand pruner made for smaller hands and designed to tackle tough cutting jobs. Its non-slip coated handle is designed to stay firmly in place while you take down encroaching vines, twigs and stems.



Small



## PP 70

### Hand Pruner

A nearly indestructible hand pruner that's strong enough for twigs up to .75", yet precise enough for fine-pruning tasks. It uses a high-quality steel blade that stays sharper, longer, so you can keep making precision cuts with it for the long haul.



Medium



## PP 80

### Hand Pruner

This pruner features the same high-quality steel, non-slip handle and quick-release blade lock as our PP 70, but features a 1" longer handle for comfort and improved grip and a cutting capacity of up to .80".



Large

# Loppers & Hedge Shears

STIHL Precision Series™ loppers deliver serious cutting power above, below and on the go. Crafted from lightweight and durable aircraft aluminum, our loppers are extremely strong for use all day, every day. Whether you're taking down small branches or creeping vines, each lopper is specially made to tackle the task.



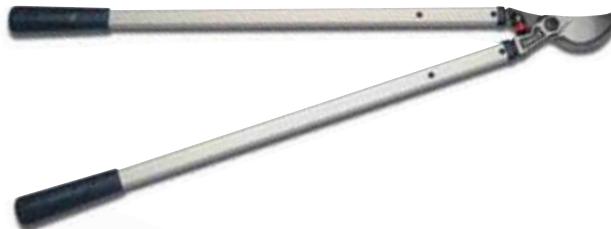
## PL 10 Lopper

Our lightest, most portable lopper with a specially designed cutting head for vines and small branches provides a 1" cutting capacity. The short 24" handles are made from durable yet lightweight aircraft aluminum.



## PL 30 Lopper

This lopper makes quick work of tree branches up to 2" in diameter and features a 28" handle made from lightweight aircraft aluminum, as well as a specialized cutting head for quickly dispatching tree branches up to 2" in diameter.



## PL 40 Lopper

Our largest model, made for higher tree branches that defy lesser tools, this lopper features 32" handles for greater pruning leverage and aircraft aluminum handles that measure a full 32".



## Heavy Duty Hedge Shear

Classic oak handles, corrosion-resistant cold-forged steel blade and premium edges provide durability and strength for all types of trimming and sculpting.



## Adjustable Hedge Shear

Nickel-plated, high-carbon blades produce high cutting strength and rust and sap resistance. The extendable handles are great for trimming tall bushes and deep into flower beds.



## Precision Hedge Shear

Featuring strong, ergonomic handles with shock absorbers and high-carbon steel blades, these hedge shears are specifically designed for professional manicuring and sculpting.

**NOTE:** The cutting blades can be sharpened using a file or honing stone.

# Axes

STIHL Precision Series™ axes combine balanced weight, high-quality sharpened steel and ergonomic designs to make the most of your elbow grease. Our collection of hatchets, splitting axes, splitting mauls and felling axes feature equal parts modern technology and tried-and-true axe design. All have a drop-forged, precision-ground head that will last for years to come.



## Woodcutter Hatchet

This lightweight hatchet is excellent for splitting kindling and general use around the home, farm or campsite. The high-quality ash handle provides comfort and durability.



## Woodcutter Forestry Axe

Ideal for felling, light duty splitting and limbing, this entry level axe is lightweight and features a premium ash handle.



## Woodcutter Splitting Maul

Ideal for driving wedges or splitting large logs, this durable splitting maul features a drop-forged steel head and a precision ground edge.



## Twisted Splitting Wedge

For splitting logs and firewood, this wedge is lightweight yet rugged. The 45-degree angle gives added precision and leverage.



## Pro Splitting Hatchet

A wood splitting hatchet that's ideal for creating kindling and general use around a campsite. This hatchet features a premium ash handle, oversized neck and fine-tuned balance for making kindling.



## Pro Forestry Axe

Featuring a patented 5-piece head attachment system and a premium C60 steel head, this axe is highly durable and ready to work. The lightweight, flared hickory handle helps reduce fatigue.



## Pro Splitting Axe

With a German-forged head, premium hickory handle and protective sleeve, this splitting axe is lightweight and ready to work all day.



## Pro Splitting Maul

The extra-large striking face on this premium maul reduces misses and improves splitting performance. A long steel sleeve significantly increases the lifetime of the handle.



## Hookaroon

This 30" Hookaroon is great for pulling slabs off a saw mill conveyor, or at the firewood processor or for any application where movement of wood needs to take place while keeping hands away from places they should not be. The textured rubber grip aids in a secure handling of the tool. The heat-treated, zinc-plated, steel point is designed for durability.



## Log Carrier

Transport large logs or fallen limbs with the STIHL log carrier. Its hinged hooks expand to the diameter of the log and firmly grip it with its curved hook ends. Each side of the log carrier features a large non-slip grip, delivering increased comfort and hold.



## Cant Hook

Specially designed for gripping and moving logs in a wide range of sizes. It features an extra-large non-slip grip for improved control and its heavy duty body stands up to daily wear and tear. Its high-visibility orange color is easy to spot when at the mill or on the lot.

Available in 42", 48" and 60" versions.



## Peavey

Like the cant hook, the STIHL log peavey is an essential day-to-day forestry tool used for the turning of heavy logs or dislodging them from entanglements. What sets the peavey apart is a strong steel spike at the end of the handle. This gives you greater control of the movement of the log. Available in 42", 48" and 60" versions.



## Log Stand

The log stand from STIHL connects to a cant hook or peavey for easy elevation of a log during cutting.



# Augers and Drills

STIHL augers and drills are engineered to stand out from the rest, combining power, portability and precision. Their gasoline-powered engines deliver the force you need wherever the job takes you, especially when electrical outlets are nowhere to be found. Lightweight, ready to use, and with the kind of technology that prompts professional landscapers and contractors to choose STIHL for their handheld outdoor power equipment needs.



## BT 45

### Wood Boring Drill

Lightweight and portable, the gasoline-powered BT 45 accepts a wide range of bit sizes, making it ideal for occasional use in building or repairing bulkheads, fences, retaining walls and other structures where electricity is unavailable.

Displacement	Engine Power	Weight
27.2 cc (1.6 cu. in.)	0.8 kW (1.07 bhp)	4.8 kg (10.5 lbs.)



BT 45 with core drill adapter and water tank shown

**NOTE:** The BT 45 planting auger is not for rocky, compacted soil or drilling large post holes.

Bit not included.

## BT 45

### Planting Auger

A gasoline-powered planting auger for mass flower plantings or deep-root fertilization. Lightweight and portable, so you can dig in remote areas. An anti-vibration system and ergonomic design make it easy to operate.

Displacement	Engine Power	Weight
27.2 cc (1.6 cu. in.)	0.8 kW (1.07 bhp)	4.8 kg (10.5 lbs.)

## Optional Accessories (For BT 45)

### NEW! Ice Auger Bits

6.5" (165 mm) dia. 7010 871 0300



**NEW! Ice Auger Bits**

## BT 130

### Planting Auger

This rugged and durable auger boasts more power and more torque than the previous model. The fuel-efficient and low-exhaust emissions engine provides professional performance with single-handle throttle control. The BT 130 features an advanced vibration dampening system and STIHL Quickstop® auger brake.

Displacement	Engine Power	Weight
36.3 cc (2.2 cu. in.)	1.4 kW (1.9 bhp)	9.9 kg (21.8 lbs.)

## Optional Accessories (For BT 130)

### Earth Auger Bits

1.6" (40 mm) dia.	4313 680 2030
2.4" (60 mm) dia.	4313 680 2031
3.5" (90 mm) dia.	4313 680 2032
4.7" (120 mm) dia.	4313 680 2033
5.9" (150 mm) dia.	4313 680 2034
7.9" (200 mm) dia.	4313 680 2035

### Planting Auger Bits

5.9" (150 mm) dia.	4311 680 2515
10.2" (260 mm) dia.	4404 680 1900
18" (450 mm) Extension	4311 680 2350

### Other Accessories

1" Square Drive Auger Adapter	4313 680 3900
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### NEW! Ice Auger Bits

8" (203 mm) dia.	7010 871 0301
10" (254 mm) dia.	7010 871 0302



# Lawn Mower

STIHL is leading the way in new technologies, and the STIHL Battery KombiSystem and RMA 370 lawn mower are just a couple examples of how we're doing it. The RMA 370 battery powered, walk-behind lawn mower expands the versatility of STIHL Battery KombiSystem, which allows your customers to power multiple tools with one easily interchangeable 36-volt Lithium-Ion battery – all with instant starts, zero-exhaust emissions, and overall low-maintenance lawn care.



## Locking Key

Removing key prevents accidental starting of the motor.



## Convenient Handle

Lightweight (only 27 lbs.) with folding handles, making it easy to transport and to store.



## Battery

Lithium-Ion battery power eliminates the mess and expense of fuel mixtures.



## Battery Life

No gradual drop in power, so you can work at full speed until battery is depleted.



## Power Switch

Instant startup, just push the button and pull the switch lever.

**NOTE:** Not for use with the AR 900

## RMA 370

This walk-behind mower is lightweight, easy to maneuver and much quieter than gasoline-powered mowers – making an ideal choice for users with smaller yards or in noise-restricted areas. No gas to buy or mix and instant startups make mowing easy and convenient.

Weight w/Battery (AP 180) Run Time w/AP 180

13.9 kg (30.6 lbs.)

Up to 28 minutes



## Optional Mulching Kit

Great way to recycle organic material and simultaneously feed your lawn.







# STIHL Cutquik® Common Features



**NOTE:** STIHL cut-off machines have many common features; all models may not have every feature shown here. Consult your dealer for details.

## Fuel injected - a first from STIHL

Scan this QR Code with your smartphone or tablet to learn about the TS 500i STIHL Cutquik® and learn how the electronically controlled fuel-injection system helps increase power.





### Electronically Controlled Fuel Injection System

Makes starting easier and more reliable by eliminating the choke.



### X2 Air Filtration System

Virtually maintenance free and maintains an incredible 99.96% cleaning efficiency.



### Anti-Vibration

Reduces operator fatigue and provides a more comfortable working experience.



### STIHL ElastoStart™ Starter Handle

Built-in shock absorber makes startup smoother and easier.



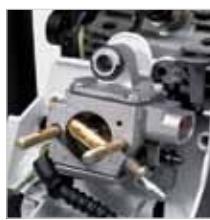
### Semi-Automatic Belt Tensioning

Increases the service life of the belts and shaft bearings.



### Decompression Valve

Helps reduce the effort needed to pull the starter rope.



### IntelliCarb™ Compensating Carburetor

Automatically adjusts the air/fuel ratio when the air filter becomes restricted or partially clogged.



### Ergonomic Grip

Front handle-bar design provides an optimal comfortable grip in multiple working position.



### Reversible Cutting Arm

Lets you cut in the inboard or outboard position.



### Electronic Water Control

Conveniently mounted keypad allows operator to easily adjust the flow of water while cutting (EWC).

## Learn about the X2 air filtration system

Scan this QR Code with your smartphone or tablet to learn about the X2 air filtration system that revolutionized the cut-off machine industry.





STIHL  
TSA 230



# Professional Cut-Off Machines

Whether your day calls for trimming pipes down to size or cutting curbs and expansion joints, we're "reinventing the wheel" to get it done better. Every STIHL Cutquik® cut-off machine earns its name with a host of standard features, including our revolutionary X2 air filtration system. This filter system cleans 99.96% of intake air before it ever touches the engine, helping to keep your machine – and your day – running smoothly.



9" Wheel



12" Wheel



14" Wheel



12" Wheel

## NEW! TSA 230 STIHL Cutquik®

STIHL introduces another world's first – a cut-off machine powered by 36-volt lithium-ion battery technology. This STIHL Cutquik® starts with ease and changes the game for the jobsite, delivering maneuverability and solid cutting performance in a lightweight, compact package that can be used indoors.

Weight w/Battery (AP 180)      Run Time w/AP 180

5.6 kg (12.4 lbs.)

Up to 20 minutes



## TS 410 STIHL Cutquik®

Lean, clean and easy to maintain. The 12" wheel grinds through iron, steel, concrete and expectations and comes equipped with an anti-vibration system to maximize comfort.

It comes standard with the revolutionary X2 air filtration system.

Displacement	Engine Power	Weight
66.7 cc (4.07 cu. in.)	3.2 kW (4.4 bhp)	9.4 kg (20.7 lbs.)



## TS 420 STIHL Cutquik®

Our most popular cut-off machine features a powerful and fuel-efficient, low-emission engine and is also compact, lightweight and reliable. With the added benefit of a 14" wheel, it handles cuts up to 4.9 inches in depth.

Displacement	Engine Power	Weight
66.7 cc (4.07 cu. in.)	3.2 kW (4.4 bhp)	9.6 kg (21.2 lbs.)



## TS 480i STIHL Cutquik®

A fuel-efficient cut-off machine using the STIHL electronically controlled fuel injection system gives optimum torque and better acceleration. Lightweight and compact with automatic water flow, this machine's 12" wheel handles the toughest conditions. X2 air filtration and anti-vibration system make this machine easy to use and maintain.

Displacement	Engine Power	Weight
72.2 cc (4.41 cu. in.)	3.9 kW (5.2 bhp)	10.0 kg (22.0 lbs.)



STIHL  
Injection.



X2  
Air Filtration





### TS 500i STIHL Cutquik®

The industry's first handheld outdoor power tool to offer an electronically controlled fuel-injection system. This balanced, lightweight and powerful tool has a 14" wheel, designed for superior balance and handling during the toughest jobs, plus the fuel injection system makes it easier to start.

Displacement	Engine Power	Weight
72.2 cc (4.41 cu. in.)	3.9 kW (5.2 bhp)	10.2 kg (22.5 lbs.)



### TS 700 STIHL Cutquik®

This powerhouse of the cut-off machines features a powerful, high-speed engine, large fuel capacity and a five-point dual element vibration control system built right into the handle. Every component of this machine was engineered for the demanding professional.

Displacement	Engine Power	Weight
98.5 cc (6.0 cu. in.)	5.0 kW (6.7 bhp)	11.6 kg (25.6 lbs.)



### TS 800 STIHL Cutquik®

Offers a 16" wheel and is the ideal alternative to conventional walk-behinds as a handheld or added into the cart for long, straight, controlled cuts. Offering a cutting depth of up to 5.6 inches, the TS 800 is a real pro performer.

Displacement	Engine Power	Weight
98.5 cc (6.0 cu. in.)	5.0 kW (6.7 bhp)	12.7 kg (28.0 lbs.)



## Learn how to run and maintain your STIHL Cutquik®

Scan this QR Code with your smartphone or tablet to learn about cut-off machine safety, operation and maintenance.



**NOTE:** All models shown with optional STIHL diamond wheel and standard water attachment.

## IMPORTANT INFORMATION

**WARNING:** Improper use of any power tool may cause serious or fatal injury. Read, understand and follow carefully the operating and safety instructions in your instruction manual before using these products.



**"One of the best cut-off saws on the market"**

TS 500i STIHL Cutquik® ★★★★★ 3/24/14 - User: Bricklayer - Maryland

Check out this review and others on the product page at [stihlusa.com](http://stihlusa.com)



# Cut-Off Machine Accessories

## STIHL Cutquik® Cart

Specially designed for matched cutting performance with the TS 400, TS 410, TS 420, TS 480i, TS 500i, TS 700 and TS 800. This cart offers improved handling and cutting performance with a forward weight orientation and a toolless quick connect system. Photo shows cart with optional equipment as noted below.



**NOTE:** The base cart can be used with all current TS models with use of different mounting kits. Base cart requires assembly and mounting kit must be purchased separately.



## TS Wheel Kit

Provides easier operation for certain applications. Fits TS 410, TS 420, TS 480i, TS 500i, TS 700 and TS 800. Not available for TSA 230.



## Carrying Case

Heavy-duty metal case has special compartments to hold all STIHL Cutquik® cut-off machines, cutting wheels and various accessories. The same case will also hold the MS 461 STIHL Magnum® "Rescue" chain saw. The case has large handles and vented louvers.



## Pressurized Water Tank

Provides water flow for wet-cutting attachments when pressurized water hose is not available.

# Cutting Wheels

## Diamond Wheels

STIHL diamond wheels are ideal for high-speed cutting of the most demanding materials found on your worksite. Their service life can be as much as 200 to 400 times that of an ordinary abrasive wheel. They feature high-quality diamonds for superior cutting performance, computer-controlled diamond segment concentration for exceptional durability, optimal gullet design for maximum life and precision-tensioned inner core for low noise and vibration.

### D-A Asphalt Wheels

- Available in three grades
- Available in 12", 14" and 16"
- 20 mm arbor
- Includes undercut protection



### D-B Concrete Wheels

- Available in three grades
- Available in 12", 14" and 16"
- 20 mm arbor



### D-BA Concrete/ Asphalt Wheels

- Available in 12", 14" and 16"
- 20 mm arbor



### D-SB Hard Stone/ Concrete Wheels

- Available in 12", 14" and 16"
- 20 mm arbor
- High cutting speed over a wide variety of applications



### D-X Hard Stone/ Concrete Wheels

- Available in 12" and 14"
- 20 mm arbor
- Available in 9" (7/8" arbor)
- Features diamonds precisely aligned in the bond matrix for fast cutting speed and longer life.



## Diamond Wheel Application Guide

- Approved
- Not approved.

	Wheel Grade	Cutting Speed*	Wheel Lifetime*	Applications										
				Asphalt	Green Concrete	Sandstone, Limestone & Slate	Cinder Block & Pavers	Concrete	Reinforced Concrete	Brick	Heavily Reinforced Concrete	Granite & Natural Stone	Ductile Iron Pipe	Structural Steel - Up to 10 mm thick
Asphalt (A)	A 5	••••	••	●	●	●	○	○	○	○	○	○	○	○
	A 20	••	•••••	●	●	●	○	○	○	○	○	○	○	○
	A 80	•••••	•••	●	●	●	○	○	○	○	○	○	○	○
Concrete, Asphalt (BA)	BA 80	•••••	•••	●	●	●	●	●	●	●	○	○	○	○
Concrete (B)	B 10	••	••	○	○	○	●	●	●	●	○	○	○	○
	B 20	•••	•••	○	○	○	●	●	●	●	●	○	○	○
	B 80	••••	••••	○	○	○	●	●	●	●	●	●	○	○
Hard Stone, Concrete/Ductile Iron (SB)	SB 80	•••••	••••	○	○	○	●	●	●	●	●	●	●	●
Hard Stone/Concrete (X)	X 100	•••••	••••	○	○	○	●	●	●	●	●	●	●	●

\*Compared to other STIHL wheels

## Abrasive Wheels

STIHL abrasive cutting wheels have engineered compositions and specific degrees of bond hardness that maximize the wheel's cutting life. They feature premium aluminum oxide and silicon carbide grit materials for super-fast cutting, optimized bond matrix for consistent performance from the first cut to the last, triple-layer full-face fiberglass mesh sheets for superior strength and durability and advanced manufacturing production facilities to ensure exceptional cutting consistency, wheel after wheel.

### General 9" Purpose – Steel

- Blue Label
- Available in 9", 12", 14" and 16"
- 20 mm or 1" arbor



### General Purpose – Masonry

- Green Label
- Available in 12", 14" and 16"
- 20 mm or 1" arbor



### Asphalt and Ductile Iron

- Red Label
- Available in 12", 14" and 16"
- 20 mm or 1" arbor



### Wet Cutting

- Available in 14"
- 20 mm arbor
- Designed for cutting concrete, stone and brick with water. The cutting speed is comparable to standard abrasive wheels but with up to a 30% higher lifetime.



### IMPORTANT INFORMATION

**WARNING:** Never use carbide-tipped, wood-cutting or circular saw blades on cut-off machines. They can cause severe personal injury or death from reactive forces, blade contact or thrown objects. Never cut wood of any type.

# Concrete Cutter

## Deep cuts. Square corners. Concrete credentials.

The GS 461 STIHL Rock Boss® is a lean, mean cutting machine and the first of its kind from STIHL. This concrete cutter provides an excellent power-to-weight ratio and offers another powerful option to the STIHL industrial family lineup to satisfy professional concrete cutting needs.



### GS 461 STIHL Rock Boss®



Great for plunge cuts and cutting square corners and pipes in trenches, the GS 461 is designed for construction/concrete contractors, municipalities, public works, utility companies, rental customers and more. Fuel-efficient, low-emission engine provides cost savings – uses up to 20 percent less fuel than traditional 2-stroke engines.

Displacement	Engine Power	Weight
76.5 cc (4.67 cu. in.)	4.3 kW (5.8 bhp)	7.6 kg (16.8 lbs.)



#### Rubber Bumper

Rubber bumper in the front of the engine housing helps protect the unit in the cut.



#### HD2 Filter System

Long-life, heavy duty (HD2), pleated air filter and a secondary filter that are easy to get on and off.



#### Upright Filter Cap

Designed for upright fueling. Keeps dust out.



#### Decompression Valve

Helps reduce the effort needed to pull the starter rope.

#### Accessory Availability

12" Guide Bar & Chain - Q2/2015

16" Economy/Rental Chain - Q1/2015

12" Economy/Rental Chain - Q2/2015







**"This saw is powerful and saves me a lot of time.  
It's quick and easy to use"**

STIHL GS 461 Rock Boss® ★★★★★ 3/13/13 - User: LWATKINS60 - Florida

Check out this review and others on the product page at [stihlusa.com](http://stihlusa.com)







# Chain Saw Protective Apparel

It is a great privilege being the number-one selling brand of chain saws worldwide. But we view it as an even greater responsibility to help keep our customers protected while using them. Our chain saw protective pants and chaps are made with multiple layers of Avertic™ Pro by Engtex®, a cut-retardant material designed to clog the sprocket to stop the chain on a gasoline-powered chain saw. This reduces the risk or severity of injury to the body parts covered by the Engtex® layers in the event of contact with the rotating saw chain. Our chain saw protective apparel is also easy to use, so it has you covered – without getting in your way.



## NEW! Woodcutter Zip Chaps 6 layer

Woodcutter Zip Chaps consist of the specialized Avertic™ Pro by Engtex® cut retardant material with a rugged, 500 denier nylon black fabric on the outer cover. Heavy duty zippers run along the inseam and are easily engaged for quick on and off. Two zipper row choices allow for various leg thickness to customize fit along with 360o lower leg coverage in order to stop the saw chain on a gasoline-powered chain saw in case of accidental contact with the rotating chain.

**AVERTIC**



## Woodcutter Chaps 6 layer

Apron Chaps from STIHL are made from rugged, 400-denier nylon and feature the same UL® classified protection as our other chaps. Just snap them over your pants and you're ready to go. Sewn into the legs of the chaps are six layers of Avertic™ Pro by Engtex®, a cut-retardant material designed to clog the sprocket and stop the saw chain on a gasoline-powered chain saw in case of accidental contact with the rotating saw chain. The open-back design of these chaps makes them a great choice for hot working conditions.

**AVERTIC**



## Winter Protective Pants - 6 layer

Built into the front of the pants are six layers of Avertic™ Pro by Engtex®, a cut-retardant material designed to stop the rotating saw chain on a gasoline-powered chain saw in case of accidental contact with the rotating saw chain. The outer shell is made of water- and snow-resistant nylon, keeping you drier, longer. Inside, a breathable lining of Thinsulate® helps maximize comfort by retaining body heat while allowing water vapor to escape.

**AVERTIC**



## Summer Protective Pants - 6 layer

Cut down on the summer heat while you cut. STIHL Summer Protective Pants are made from a breathable polyester material, allowing hot air to escape and cooler air to circulate better. The outer shell is made from durable nylon, while the inside lining features six layers of Avertic™ Pro by Engtex®, a cut-retardant material.

**AVERTIC**

## IMPORTANT INFORMATION

**WARNING:** These garments contain pads of cut-retardant material designed to reduce the risk or severity of injury to the body parts covered by the pads in the event of contact with the rotating chain. The fibers in the pads provide extra layers of material and are designed to rip apart when they come into contact with the moving chain and to clog the sprocket and stop the chain. In some contacts, the pads may stop the chain. In other contacts, the pads will resist the cutting process only for a fraction of a second. The actual degree of protection afforded will vary with the speed of the chain and the time of contact, the power and torque of the saw, the design of the chain saw sprocket and similar factors. Follow the washing instructions. Improper care may destroy cut-retardant properties of the material.

**NOTE:** Chaps are measured by overall length from the waist down. All chaps have a tough outer shell of oil/water-resistant nylon treated with rain/stain repellent.



### Nylon Protective Pants 6 layer

For rugged protection you can count on every day, choose STIHL Nylon Protective Pants. The outer shell is made of a durable "ambush nylon" material that holds up under tough working conditions. Inside, the pants feature six layers of Avertic™ Pro by Engtex®, a cut-retardant material designed to stop the rotating saw chain of a gasoline-powered chain saw in case of accidental contact with the rotating saw chain.

**AVERTIC**



### NEW! Performance Zip Chaps 6 layer

These new Performance Zip Chaps feature two heavy duty zippers which are permanently engaged for easy on and off. The durable zippers run the full length of the inseam and include two row choices to allow for various leg thickness to customize fit. The specialized Avertic™ Pro by Engtex® cut retardant material provides 360° lower leg coverage in order to stop the saw chain on a gasoline-powered chain saw in case of accidental contact with the rotating chain.

**AVERTIC**



### NEW! Performance High Vis Apron Chaps - 6 layer

Specifically designed for work along roadways, emergency services personnel, tree service workers and municipalities, these new STIHL chaps are OSHA Class 2 reflective highly visible at 55 m.p.h. for increased safety precautions on the job. The new Hi-Vis chaps are available in a six-layer, apron-style fit with leg buckles and a nine-layer new wrap style "zip chap." Both made of specialized Avertic™ Pro by Engtex® cut-retardant material designed to stop the saw chain on a gasoline-powered chain saw in case of accidental contact.

**AVERTIC**



### NEW! True Timber Bib Chaps 6 layer

When used for cutting jobs, these camo-colored Hunter Bib Chaps from STIHL offer protection with six layers of cut-retardant Avertic™ Pro by Engtex® material. When used for hunting, their zippered bib pocket can be used for hunting essentials. The chaps are one size fits all, including a waist extender and interlocking buckle that adjusts from 30" to 42". STIHL chain saw protective apparel is also wash and wear, unlike some other brands that require dry cleaning or light surface cleaning.

**AVERTIC**

### IMPORTANT INFORMATION

**WARNING:** All STIHL chain saw protective apparel meets or exceeds OSHA Regulation 1910.266 for Personal Protective Equipment for chain saw operators.

**WARNING FOR ELECTRIC CHAIN SAW USERS!** The fibers will not stop the sprocket on most electric chain saws because of their constant high torque.

# Chain Saw Protective Apparel

**NOTE:** Chaps are measured by overall length from the waist down. All chaps have a tough outer shell of oil/water-resistant nylon treated with rain/stain repellent.



## Pro Mark™ Denim Protective Pants 9 layer

Nothing says durability and comfort like denim. STIHL Pro Mark™ Denim Protective Pants say all that and more. A great choice for any cutting job – but constructed especially with professional users in mind with three additional protective layers to help keep you safe on the job. Underneath its poly/cotton exterior lies nine layers of Avertic™ Pro by Engtex® cut-retardant material, designed to reduce the risk or severity of injury in the event of contact with the rotating saw chain of a gasoline-powered chain saw.

**AVERTIC**



## NEW! Pro Mark™ Apron Chaps Orange 9 layer

For heavyweight protection that won't weigh you down, choose Pro Mark™ Apron Chaps from STIHL. They're rugged, yet comfortable to wear and easily fit over your work clothes. Sewn into the legs of the chaps are nine layers of Avertic™ Pro by Engtex®, a cut-retardant material designed to reduce the risk or severity of injury to the body parts covered by the pads in the event of contact with the rotating saw chain of a gasoline-powered chain saw. The open-back design of these chaps makes them a great choice for hot working conditions.

**AVERTIC**



## NEW! Pro Mark™ High Vis Zip Chaps - 6 layer

Essential protective apparel for professional chain saw operators, the new ProMark™ High-Vis Chap not only provides heavy weight protection, but also increased safety precautions when working near roadways or high-traffic areas. Rugged yet comfortable, these chaps are OSHA Class 2 reflective providing high visibility at 55 m.p.h. Made of specialized Avertic™ Pro by Engtex® cut-retardant material, the new ProMark™ High-Viz chaps are designed to reduce the risk or severity of injury to the body parts covered by the pads in the event of contact with the rotating saw chain of a gasoline-powered chain saw.

**AVERTIC**



**Real people. STIHL people.**

*"The STIHL brand represents reliability, durability, and the embodiment of self-reliance. That is really important, knowing that I can be self-reliant in whatever it is I choose to do, and STIHL enables me to do that. The tools are quality, easy to use, and I'm able to operate them more safely than others."*

**Bethany Hannah**  
**Chain Saw Instructor**



**STIHL®** Made in Germany  
**ROLLOMATIC ES**

# Chain Saw Protective Apparel



## NEW! ProMark™ Wrap Chaps, Orange - 9 layer

Rugged and comfortable, these apron chaps easily fit over work clothes for heavy weight protection that won't weigh you down. Nine layers of cut-retardant Avertic™ Pro by Engtex® are sewn into the legs, providing three additional layers than the standard apron chaps. The open-back design of these chaps makes them a great choice for hot working conditions.

**AVERTIC**

## Skidder Bib Chaps, Orange - 6 layer

STIHL Skidder Bib Chaps feature six layers of Avertic™ Pro by Engtex® cut-retardant material sewn in the legs. No-fuss protection gets you through your demanding workday when working with skidders and other heavy duty logging equipment. STIHL "wash and wear" design does not require dry-cleaning or light surface cleaning.

**AVERTIC**

## ProMark™ Cut-Retardant Shirt

Made of high-visibility orange polyester, the STIHL ProMark™ Cut-Retardant Shirt is designed to keep you comfortable, visible and protected. The shirt features multiple layers of protective Avertic™ Pro by Engtex®, a cut-retardant material, sewn into the sleeves, collar and shoulders. Its mesh body and vented back allow for better air circulation while its large cut design improves operator comfort.

**AVERTIC**



## Cut-Retardant Mitts

Get a grip on your chain saw with STIHL Cut-Retardant Mitts. Made with water-resistant nylon backs and goatskin palms, these mitts offer exceptional comfort and grip without sacrificing dexterity. Avertic™ Pro by Engtex®, a cut-retardant material, is sewn into the back of the left glove. These gloves also feature a separate index finger for chain saw throttle operation, while hook and loop wrist straps make fitting a breeze.



## Engtex® Cut-Retardant Material

Avertic™ Pro by Engtex® is a cut-retardant material designed to clog up the sprocket to stop the chain on a gasoline-powered chain saw and reduce the risk or severity of injury to body parts covered by the pads.



**#1** Selling Brand of Gasoline-Powered Handheld Outdoor Power Equipment  
**in America\***

\*A majority of STIHL products are built in the United States from domestic and foreign parts and components. "Number-one selling brand" is based on syndicated Irwin Broh Research as well as independent consumer research of 2009-2014 U.S. sales and market share data for the gasoline-powered handheld outdoor power equipment category combined sales to consumers and commercial landscapers. © 2015 STIHL



# Non-Protective Work Apparel & Accessories

Designed to keep you visible and comfortable while on the job, our work apparel and accessories are just what you need to stay productive. We design our apparel with your job in mind, including features like easy fitting styles, high-visibility reflective properties, temperature-regulating materials, and convenient pockets to store the extras.



## Woodcutter Work Shirt

This work shirt is comfortable and features a vented arm design for improved air circulation, two breast pockets for convenient work gear storage and an elongated tail that stays tucked in while you work. The shirt is made from a high-quality, twill-weave fabric for durability and natural resistance against wind, water and wrinkles.



## Woodcutter Winter Shirt

Made from wind-resistant nylon, the STIHL Woodcutter Winter Shirt helps you forget about the elements so you can focus on the task at hand. Inside, a layer of breathable Thinsulate® retains body heat, while allowing water vapor, such as sweat, to escape. It also features two breast pockets for convenient storage and a stand-up collar for keeping out rain and snow. On the back of the shirt, the yoke is vented, improving overall air circulation.



### Reflective Safety Vest

The Reflective Safety Vest from STIHL meets the standard for use along highways and other high-traffic areas. It features a longer tail in back for maximum reflective exposure – great for workers using backpack blowers.

### Forestry Tool Vest

Have your work essentials always within arm's reach. The STIHL Forestry Tool Vest distributes weight evenly across your shoulders and includes multiple pockets for carrying items such as wedges, a two-way radio or cell phone and other tools.

### Shop Apron

Heavy duty shop apron designed to keep you clean and comfortable while on the job or at home in the garage. High-quality fabric for long-term wear.



### Reflective Safety Pants

STIHL Reflective Safety Pants offer peace of mind by meeting a class 3 reflective rating (when paired with our STIHL reflective safety vest). They're comfortable to wear, feature mesh legs for ventilation, an adjustable elastic waistband and zippered legs for easy dress and removal with boots.

### Chapron

STIHL Chaprons are made from the same tough nylon outer shell as our Protective Chaps, but without the additional layers of cut-retardant material. Designed for trimmer and brushcutter users. **Not for use with chain saws.**

# Protective Head & Ear Gear

From logging in the woods to construction zones in the city to just doing work in your own backyard, STIHL protective apparel is there to help you when working with outdoor power equipment. From helmet and hard hat systems to brush-shield facial protection, our protective apparel meets the requirements for the job at hand. Take the safety of yourself and your crew as seriously as we do – always use STIHL protective apparel and help protect your most valuable asset.

**NOTE:** Goggles or protective glasses meeting ANSI Standard Z87.1 must be worn under face screen and shield for primary eye protection.



## STIHL Woodcutter Helmet System

The lightweight STIHL Woodcutter Helmet System is an excellent choice for budget-conscious non-professional users. Designed for comfort, the vented shell provides cooling air during use, with six-point mount suspension. Class G certified under OSHA's 29 CFR 1910.135 it includes NRR 22 hearing protection.



## STIHL Forestry Helmet System

The STIHL Forestry Helmet System's hard shell is made of ABS thermoplastic and features a six-point, ratchet-style suspension system to absorb shock and keep the helmet stable. A Cool Guard sweatband helps to keep perspiration out of your eyes and adjustable hearing protectors comfortably reduce noise.



## Pro Mark™ Forestry Helmet System

Premium protection for your head, the Pro Mark™ Forestry Helmet System boasts a durable steel-mesh full-face screen visor to protect your face from debris. In addition to standard forestry helmet features, this helmet also features our NRR 25 earmuffs to help reduce tool and engine sound.



## Arborist Helmet

Designed specifically for arborists, this helmet is lightweight, has a six-point adjustable suspension and has multiple vents for cooling air and added comfort. The ABS outer shell meets ANSI Standard Z89.1-2009 and contains a HD Polystyrene inner shell with a replaceable liner. Visors and various hearing protectors may be mounted.



## STIHL Construction Hard Hat System

The STIHL Construction Hard Hat System combines first-class durability and comfort with the same features as the standard helmet, including the Cool Guard sweat band. Adjustable hearing protection helps reduce job site noise while a clear PETG full-face shield helps keep your face protected from flying debris.



## Brush Shield Protector

Cut through your day with the protection and comfort of the STIHL Brush Shield Protector, offering face and hearing protection in a lightweight epoxy coated steel full-face screen. Comfortable, adjustable hearing protectors help reduce loud tool and engine noise.

## STIHL Hearing Protectors

Reduce heavy machinery noise with our most noise-reducing hearing protection. Top-quality Hearing Protectors feature padded stainless steel springwire headbands that don't slide around letting in unwanted sound waves. They are easy to adjust and comfortable. Various Noise Reduction Ratings (NRR) available: 23, 25, and 29. Meets ANSI S3.1974 standard.



**STIHL Basic  
Hearing Protector -  
NRR 23**

**Orange Hearing  
Protector -  
NRR 25**

**STIHL ProMark™  
Hearing Protector -  
NRR 29**

**Camo Hearing  
Protector -  
NRR 25**

**STIHL Tune Up -  
NRR 25**

*Equipped with  
AM/FM tuner and  
MP3 capable.*

**STIHL Duffle Bag**



**Corded Ear Plugs**







# Glasses

Premium protective glasses are made from optical-grade polycarbonate for greater impact resistance. Offer 99% UV protection. Sleek, lightweight temple provides individual fit and comfort. The nylon nosepiece offers greater comfort and snug, non-slip fit. Meets ANSI standard Z87.1.



## Comfort Fit Glasses

Featuring a soft nosepiece and rubber inserts at the temple to reduce slippage, the curved lenses include a side window for full panoramic views that provide 99% UV protection.

Black Frame – Lens: Red Mirror, Blue Mirror

Tortoise Shell Frame – Lens: Coffee, Grey



## Ultra Flex Glasses

Provide comfort with a form-fitting frame. The lenses block 99% of UV rays and the glasses are hypoallergenic and feature a vented rubber nosepiece to reduce slippage.

Brown Frame – Lens: Brown

Black Frame – Smoke, Mirror, Blue Mirror



## White Ice Glasses

Comfort-fit style fits all facial sizes while rubber temples prevent slippage. High-quality polycarbonate lenses provide protection against 99% harmful UV rays.

Lens: Blue Mirror, Orange Mirror, Silver Mirror



## STIHL® Gridiron Glasses

Provide heavy duty protection with a lightweight, flexible frame while filtering 99% of UV rays. Lenses are hard-coated to resist scratching and rubber nose pads are designed to help protect from slippage.

Lens: Silver Mirror, Clear, Smoke



## Camo Glasses

Provide 99% UV protection with a single lens and wrap-around design. Soft rubber temple tips and nosepiece are designed to help maintain fit while reducing slippage.

Lens: Bronze Smoke, Yellow



## Sleek Line Glasses

Lightweight, nylon frame is durable offering rugged protection. A rubber nosepiece and inserts at the temple provide a pressure-free fit and are designed to help reduce slippage.

Lens: Orange, Smoke, Mirror, Yellow



## STIHL® HellRaiser™ Glasses

Optical-grade polycarbonate lenses filter out 99% of UV rays with enough attitude to protect your inner rebel. The frames are extremely lightweight and include flex-point temples for ultimate comfort and stability.

Lens: Blue Mirror, Smoke



## Hellfire Glasses

Lenses made from optical-grade polycarbonate filter out 99% of UV rays. An integrated rubber nosepiece and temple inserts are designed to help reduce slippage and provide all-day comfort.

Lens: Gold Mirror, Silver Mirror, Smoke



## STIHL® TIMBERSPORTS® Series Glasses

The official protective glasses of the STIHL® TIMBERSPORTS® Series. They have a look that stands out among the rest, filter out 99% of UV rays, and are comfortable to wear.

Premium styled frames with smoked mirror optical grade lens.



### Black Widow Glasses

These protective glasses have a lightweight, wrap-around design that blocks out 99% of harmful UV rays. Their soft-touch temple inserts provide additional comfort and are designed to help reduce slippage.

Lens: Indoor/Outdoor Mirror, Smoke Mirror



### GSX Glasses

Adjustable temples allow a customized fit while a soft nose pad offers comfort that lasts all day. These polycarbonate glasses feature impact-resistant lenses and filter out 99% of UV rays.

Lens: Smoke Mirror, Blue Mirror



### NEW! Cotton Candy

Stylish and functional, these protective glasses are "cotton candy pink," feature durable polycarbonate hard coat lenses and meet ANSI standards. Comfort features include a vented rubber nosepiece and dual rubber templates for stability.

Lens: Smoke, Clear



### Ultra Light Glasses with Retainer Strap

Feature soft temple ends for a slip-resistant fit and soft nose pads that provide extended comfort. A special neck strap is included, making it easy to keep up with your protective eyewear.

Lens: Blue Mirror, Clear, Smoke



### STIHL® Pro Mark™ Goggles

Feature foam-lined frames and an elastic strap, ensuring a secure, comfortable fit. The lenses include anti-fog technology for ultimate protection against dust and debris.

Lens: Smoke, Clear



### NEW! Deputy

Modern design and comfortable to wear with rubber nosepiece and dual mold rubber templates to keep glasses in place during operation.

Lens: Blue Mirror, Smoke, Brown Mirror



### Two-Tone Sport Glasses

Two-toned sport glasses feature stylish frames with the added comfort of rubber temple tips and nosepiece designed to prevent slippage. Polycarbonate lenses provide protection against 99% harmful UV rays.

Lens: Smoke, Silver Mirror



### Black Wrap Glasses

Attractive half frame with wide 'wrapping' temples available in gold mirror, silver mirror, or smoke colored polycarbonate lenses. Ventilated nosepiece allows for better heat dissipation and less fogging.

Lens: Smoke, Gold Mirror, Silver Mirror



### NEW! Black Work Glasses

These black on black protective glasses meet ANSI standards and protect against 99.9% of harmful UV rays. The sleek design features scratch-resistant polycarbonate lenses and ventilated, straight back flexible temples.

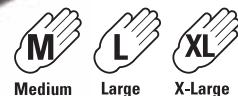
Lens: Blue Mirror, Grey, Silver Mirror

# Gloves



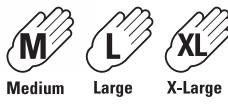
## STIHL Value PRO Gloves

Natural-skin gloves that provide great durability and long-lasting grip for a wide range of outdoor jobs. Feature a gathered wrist design for snug fit and open cuff for improved ventilation.



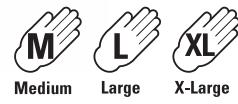
## High Performance PRO Gloves

Elastic slip-on cuffs provide a snug, comfortable fit. Padded palm and knuckle guards protect against abrasion. Reinforced PVC grip overlays deliver a strong grip while enhancing durability.



## Easy2Grip II Gloves

Waterproof nitrite coating keeps hands dry when working in wet conditions and conveys superior abrasion resistance. Dotted palm provides excellent grip – wet or dry. Comfortable knit wrist stretches for a snug fit.



## Great Grip Gloves

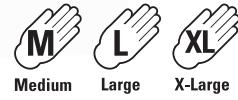
Provide an enhanced grip with a micro polymer grip pattern. Its stitched fabric construction and elastic cuff provide a great fit that is comfortable to wear all day long.



One size fits most

## Work Gloves

Made of premium goat skin that provides durability and softness. The high-visibility orange back features breathable knit material and the knit wrist is elongated for a secure fit under a sleeve.



## Heavy Duty Work Gloves

Made from durable goat skin leather that lasts twice as long as common leathers. Their canvas back and multi-ply wrist cuff improve durability.



### STIHL HomeScaper Series™ Gloves

Feature a surprisingly soft and durable goat skin leather. Innovative keyed thumb stitching provides super comfort and gripping ability. Open cuffs for improved airflow and gathered wrists for a snug fit that keeps out dirt and other debris.



### Landscaper Series™ Gloves

Made from strong-yet-supple deerhide leather. They provide fantastic wear properties and an excellent sense of touch and feel. The naturally soft leather provides all-day working comfort.



### STIHL® TIMBERSPORTS® Series Gloves

When professional competitors take on other leaders in the field, they use STIHL® TIMBERSPORTS® Series Gloves. Made from premium goat-skin leather, their sport-styled design enhances work control while an adjustable wrist closure provides a secure fit.



### Proscaper Series™ Gloves

These gloves feature premium boarskin for terrific softness and padded palms for abrasion resistance. A woven elastic back flexes to allow total freedom of movement. An adjustable, wrist strap closure provides personalized comfort and a secure fit.



### Anti-Vibration Gloves

Reduce the vibration from handheld machines with anti-vibration gloves from STIHL. The palms and fingers are specially designed to absorb vibration energy, helping you stay steady throughout your workday.



### Mechanic Style Gloves

High-dexterity glove features custom-fit wrist closure along with a comfortable synthetic leather with full neoprene cuff. Stretchable, spandex back design and padded knuckle area allow for increased protection while providing comfort and flexibility. Textured, reinforced fingers and palm provide increased grip, durability and extended wear.

# Chain Saw Specifications

Model	Displacement or Voltage	Motor Output/Engine Power	Powerhead Weight	Available Bar Length	Side-Access Chain Tensioner	Quick Chain Adjuster (B)	IntelliCard™ Compensating Carburetor	ElastoStart™	Easy2Start™ (E)	Decompression Valve	Additional Chain Braking Feature (Q)	Wrap Handle (R)	M-Tronic™ (M)
<b>HOMEOWNER SAWS</b>													
<b>MS 170</b>	30.1 cc (1.8 cu. in.)	1.3 kW (1.7 bhp)	3.9 kg (8.6 lbs.)	30 to 40 cm (12" to 16")		■	●	■					
<b>MS 171</b>	30.1 cc (1.8 cu. in.)	1.3 kW (1.7 bhp)	4.3 kg (9.5 lbs.)	30 to 40 cm (12" to 16")	●		●	■					
<b>MS 180 C-BE</b>	31.8 cc (1.9 cu. in.)	1.5 kW (2.0 bhp)	4.2 kg (9.3 lbs.)	30 to 40 cm (12" to 16")		●	●	■			●		
<b>MS 181 C-BE</b>	31.8 cc (1.9 cu. in.)	1.5 kW (2.0 bhp)	4.6 kg (10.1 lbs.)	30 to 40 cm (12" to 16")		●	●	■			●		
<b>NEW! MS 211</b>	35.2 cc (2.2 cu. in.)	1.7 kW (2.3 bhp)	4.3 kg (9.4 lbs.)	30 to 40 cm (12" to 16")	●		●	■					
<b>MS 211 C-BE</b>	35.2 cc (2.2 cu. in.)	1.7 kW (2.3 bhp)	4.6 kg (10.1 lbs.)	30 to 40 cm (12" to 16")		●	●	■			●		
<b>MS 250</b>	45.4 cc (2.77 cu. in.)	2.2 kW (3.0 bhp)	4.6 kg (10.1 lbs.)	40 to 45 cm (16" to 18")	●	■		■					
<b>NEW! MS 251 WOOD BOSS</b>	45.6 cc (2.78 cu. in.)	2.2 kW (2.95 bhp)	4.9 kg (10.8 lbs.)	40 to 45 cm (16" to 18")	●		■	■					
<b>MS 251 C-BE</b>	45.6 cc (2.78 cu. in.)	2.2 kW (2.95 bhp)	5.3 kg (11.9 lbs.)	40 to 45 cm (16" to 18")		●	■	■			●		
<b>FARM &amp; RANCH SAWS</b>													
<b>MS 150 C-E</b>	23.6 cc (1.44 cu. in.)	1.0 kW (1.34 bhp)	2.75 kg (7.61 lbs.)	30 cm (12") only	●		●		●				
<b>MS 192 C-E</b>	30.1 cc (1.8 cu. in.)	1.3 kW (1.7 bhp)	3.3 kg (7.4 lbs.)	30 to 40 cm (12" to 16")	●		●		●				
<b>MS 201 C-E</b>	35.2 cc (2.14 cu. in.)	1.8 kW (2.41 bhp)	3.9 kg (8.6 lbs.)	30 to 40 cm (12" to 16")	●		●		●				
<b>NEW! MS 271 FARM BOSS</b>	50.2 cc (3.06 cu. in.)	2.6 kW (3.49 bhp)	5.6 kg (12.3 lbs.)	40 to 50 cm (16" to 20")	●				■				
<b>MS 291</b>	55.5 cc (3.39 cu. in.)	2.8 kW (3.76 bhp)	5.6 kg (12.3 lbs.)	40 to 50 cm (16" to 20")	●			■					
<b>MS 291 C-BEQ</b>	55.5 cc (3.39 cu. in.)	2.8 kW (3.76 bhp)	6.4 kg (14.1 lbs.)	40 to 50 cm (16" to 20")		●			●		●		
<b>MS 311</b>	59.0 cc (3.6 cu. in.)	3.1 kW (4.2 bhp)	6.2 kg (13.67 lbs.)	40 to 50 cm (16" to 20")	●		●	■			●		
<b>MS 391</b>	64.1 cc (3.9 cu. in.)	3.3 kW (4.4 bhp)	6.2 kg (13.67 lbs.)	40 to 50 cm (16" to 20")	●		●	■			●		
<b>PROFESSIONAL SAWS</b>													
<b>MS 241 C-M</b>	42.6 cc (2.6 cu. in.)	2.3 kW (3.1 bhp)	4.5 kg (9.9 lbs.)	30 to 40 cm (12" to 16")	●				●				●
<b>MS 261 C-M</b>	50.5 cc (3.08 cu. in.)	2.9 kW (3.9 bhp)	5.2 kg (11.6 lbs.)	40 to 50 cm (16" to 20")	●		●	●	●				●
<b>MS 261 C-MQ</b>	50.5 cc (3.08 cu. in.)	2.9 kW (3.9 bhp)	5.5 kg (12.13 lbs.)	40 to 50 cm (16" to 20")	●		●	●	●				●
<b>MS 362 C-M</b>	59.0 cc (3.6 cu. in.)	3.5 kW (4.69 bhp)	5.8 kg (12.8 lbs.)	40 to 63 cm (16" to 25")	●			●	●				■
<b>MS 362 C-MQ</b>	59.0 cc (3.6 cu. in.)	3.5 kW (4.69 bhp)	5.9 kg (13.0 lbs.)	40 to 63 cm (16" to 25")	●			●	●				●
<b>MS 441 C-M</b>	70.7 cc (4.3 cu. in.)	4.2 kW (5.6 bhp)	6.6 kg (14.6 lbs.)	40 to 80 cm (16" to 32")	●			●	●				●
<b>MS 441 C-MQ</b>	70.7 cc (4.3 cu. in.)	4.2 kW (5.6 bhp)	6.7 kg (14.8 lbs.)	40 to 80 cm (16" to 32")	●			●	●				●
<b>MS 461</b>	76.5 cc (4.7 cu. in.)	4.4 kW (5.9 bhp)	6.6 kg (14.6 lbs.)	40 to 80 cm (16" to 32")	●		●	●	●				■
<b>NEW! MS 661 C-M</b>	91.6 cc (5.56 cu. in.)	5.4 kW (7.2 bhp)	7.56 kg (16.67 lbs.)	40 to 80 cm (16" to 32")	●		●	●	●				●
<b>MS 880</b>	121.6 cc (7.42 cu. in.)	6.4 kW (8.6 bhp)	10.1 kg (22.3 lbs.)	43 to 150 cm (17" to 59")	●		●	●	●				■
<b>RESCUE SAW</b>													
<b>MS 461 R Rescue</b>	76.5 cc (4.7 cu. in.)	4.5 kW (6.0 bhp)	7.0 kg (15.4 lbs.)	40 to 63 cm (16" to 25")	●		●		●			●	
<b>IN TREE SAWS</b>													
<b>MS 150 T C-E</b>	23.6 cc (1.44 cu. in.)	1.0 kW (1.34 bhp)	2.6 kg (5.7 lbs.)	30 cm (12") only	●		●			●			
<b>MS 192 T C-E</b>	30.1 cc (1.8 cu. in.)	1.3 kW (1.74 bhp)	3.2 kg (7.0 lbs.)	30 to 40 cm (12" to 16")	●		●	■					
<b>MS 201 T</b>	35.2 cc (2.14 cu. in.)	1.8 kW (2.41 bhp)	3.71 kg (8.16 lbs.)	30 to 40 cm (12" to 16")	●		●	●	●				●
<b>ELECTRIC CHAIN SAWS</b>													
<b>MSE 170 C-BQ</b>	120 V (60 Hz)	1.5 kW (13.1 amps)	3.8 kg (8.4 lbs.)	30 to 40 cm (12" to 16")		●					●		
<b>MSE 210 C-BQ</b>	120 V (60 Hz)	1.5 kW (20.0 amps)	4.2 kg (9.4 lbs.)	30 to 40 cm (12" to 16")		●					●		
<b>NEW! MSE 250 C-Q</b>	120 V (60 Hz)	2.3 kW (2.55 amps)	4.2 kg (9.4 lbs.)	40, 45 cm (16", 18")	●						●		

● Standard ■ Optional

### Chain Saw Feature Designations:

#### C Features

- B** = QCA (Quick Chain Adjuster)
- E** = Easy2Start™
- M** = STIHL M-Tronic™
- Q** = STIHL Quickstop® Plus – an additional chain braking feature

#### Other Features

- R** = Wrap handle
- T** = Top handle (on the nameplate)
- VW** = STIHL Arctic™

#### Example: MS 250 C-BE

This saw has a Quick Chain Adjuster (B) and the Easy2Start™ system (E).

**NOTE:** Models and specifications are subject to change without notice. Manufacturer reserves the right to change appearance, function and components of any STIHL product without prior notice or liability.

**NOTE:** Powerhead weight refers to dry weight.

**NOTE:** The actual listed guide-bar length can vary from the effective cutting length based on which power head it is installed.

### IMPORTANT INFORMATION

**WARNING:** The occurrence called "kick-back" can cause serious or fatal injury.

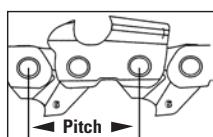
Always read the instruction manual carefully before using your saw. STIHL uses a green and yellow color-coding system to help you select a powerhead, bar and chain combination that complies with the kickback requirements of ANSI Standard B 175.1 (gasoline-powered saws) and §30 of UL 1662/ANSI Standard B175.1 (electric chain saws). Ask your STIHL Dealer about safe operating procedures and the advantages of using the STIHL Quickstop® chain brake, and STIHL Quickstop® Plus (Q) – an additional chain braking feature, STIHL reduced kickback bars and STIHL low-kickback saw chains.

# Saw Chain Selection & Identification

## Identifying STIHL Saw Chain

STIHL uses a Marketing Number System in addition to the part number. This allows easy identification of any chain. For example, chain with a Marketing Number of 33RS3:

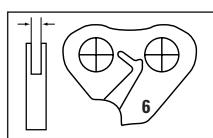
Pitch	Gauge	Type	Shape	Special
3	3	R	S	3
3/8"	.050"	STIHL RAPID™	Super	Single-Low-Humped Tie Strap)



Distance between three rivets divided by two as shown.

### Pitch

- 1 = 1/4"
- 2 = .325"
- 3 = 3/8"
- 4 = .404"
- 6 = STIHL PICCO™ (3/8" Extended)
- 7 = STIHL PICCO™ (1/4" Extended)



### Gauge (on drive link)

- 1 = .043" (1.1 mm)
- 3 = .050" (1.3 mm)
- 5 = .058" (1.5 mm)
- 6 = .063" (1.6 mm)
- 0 = .080" (2.0 mm) (0 = Harvester Chain Only)

### Cutter Type

- P = STIHL PICCO™
- R = STIHL RAPID™

### Cutter Shape

- D = Duro (Carbide Tip)
- DS = Duro Special (Carbide Tip)
- M = Micro™
- R = Rescue (RDR chain, especially designed for MS 461 R STIHL Magnum® Rescue)
- S = Super (Chisel)

### Special

- 1 = Triple-Humped Tie Strap on PM chain
- 2 = Triple-Humped Tie Strap on RM chain
- 3 = Single-Humped Drive Link
- F = Full Skip
- H = Semi Skip (Half-Skip) or Harvester (i.e. on .404" RMH)
- K = Classic Cutter design
- L = Square Ground
- M = Mini
- MM = Micro Mini
- N = Narrow (PMN)
- S = Special

### Number of Drive Links in Reels

Type	100' Reel
1/4"	2400
3/8" STIHL PICCO™	1640
.325"	1840
3/8"	1640
.404"	1480

## ANSI B175.1 Chain Saw Kickback Standard

STIHL's green and yellow color code system serves to identify STIHL bars and chains with different kickback reduction characteristics. Green (go) marks those products which are designed to reduce the risk of kickback injury and comply with the ANSI B175.1 kickback standard. STIHL's low-kickback chain features a green tie strap that identifies each loop as "low-kickback" chain that meets the ANSI standard. Recommended for both the experienced and inexperienced chain saw user. Yellow (caution) marks products with increased risk of kickback injury. They are for use only by persons with extraordinary cutting needs and experience and specialized training in dealing with kickback conditions.

**\*WARNING:** Recommended STIHL green-labeled, reduced-kickback bars are not available in the lengths marked with an \* in the chart. For such guide bars, STIHL yellow-labeled bars are listed. Please read and follow the yellow warning information that is included on the guide bar package.

**\*\*WARNING:** Recommended STIHL green-labeled, low-kickback chains are not available in .404" pitch. For .404" chain, STIHL yellow-labeled chains are listed which have reduced-kickback characteristics as compared to other STIHL yellow-labeled chains. Read and follow the yellow warning information included with these chains. STIHL recommends the use of 3/8" sprockets in combination with STIHL green-labeled, low-kickback saw chain and STIHL green-labeled, reduced-kickback guide bars whenever possible.

**\*\*\*WARNING:** Read and follow the yellow warning information included with the STIHL guide bar and STIHL saw chain types that fit onto the 088/MS 880 powerhead.

STIHL Models	Pitch	Gauge	Guide Bar Length(s)	Drive Link Count	Recommended Chain Loop Marketing Number	Recommended Guide Bar Part Number	Type of Guide Bar*	Type of Sprocket Nose	# of Teeth
<b>MS 170, MS 171, MS 180 C-BE, MS 181 C-BE, MS 192 C-E, MS 192 T C-E</b>	3/8" STIHL PICCO™	.043"	12"	44	61 PMM3 44	3005 000 3905	R	7	
			14"	50	61 PMM3 50	3005 000 3909	R	7	
			16"	55	61 PMM3 55	3005 008 3913	R	7	
<b>MS 150 C-E, MS 150 T C-E, MS 192 C-E, MS 192 T C-E, MS 201 T, MS 201 C-E, MS 211, MS 211 C-BE, MSE 170 C-BQ, MSE 210 C-BQ</b>	3/8" STIHL PICCO™	.050"	12"	44	63 PM3 44	3005 000 4805	R	9	
			14"	50	63 PM3 50	3005 000 4809	R	9	
			16"	55	63 PM3 55	3005 008 4813	R	9	
			14"	50	63 PM3 50	3005 000 7409	LW	9	
			16"	55	63 PM3 55	3005 008 4813	R	9	
<b>MS 192 C-E, MS 192 T, MS 201 T C-M, MS 201 C-EM</b>	3/8" STIHL PICCO™	.050"	12"	44	63 PM3 44	3005 000 7405	LW	9	
			14"	50	63 PM3 50	3005 000 7409	LW	9	
			16"	55	63 PM3 55	3005 000 7413	LW	9	
<b>MS 241 C-M, MS 250, MS 251, MS 251 C-BE</b>	3/8" STIHL PICCO™	.050"	12"	44	63 PM3 44	3005 000 4805	R	9	
			14"	50	63 PM3 50	3005 000 4809	R	9	
			16"	55	63 PM3 55	3005 000 4813	R	9	
			18"	61	63 PM3 61	3005 000 4817	R	11	
		.063"	16"	62	26 RM3 62	3005 000 4713	R	11	
			18"	68	26 RM3 68	3005 008 4717	R	11	
<b>MS 271</b>	.325"	.063"	16"	67	26 RM3 67	3003 810 7113	R	11	
			18"	74	26 RM3 74	3003 810 7117	R	11	
			20"	81	26 RM3 81	3003 810 7121	R	11	
<b>MS 261 C-M, MS 261 C-MQ</b>	.325"	.063"	16"	67	26 RM3 67	3003 008 6813	R	11	
			18"	74	26 RM3 74	3003 008 6817	R	11	
			20"	81	26 RM3 81	3003 008 6821	R	11	
<b>MS 291, MS 291 C-BEQ</b>	.325"	.063"	16"	67	26 RM3 67	3003 812 7013	R	11	
			18"	74	26 RM3 74	3003 812 7017	R	11	
			20"	81	26 RM3 81	3003 812 7021	R	11	
<b>MS 311, MS 391, MSE 250 C B-Q</b>	3/8"	.050"	16"	60	33 RS3 60	3003 008 8913	R	10	
			18"	66	33 RS3 66	3003 008 8917	R	10	
			20"	72	33 RS3 72	3003 008 8921	R	10	
<b>MS 362 RC-M, MS 362 C-M, MS 362 C-MQ, MS 441 RC-M, MS 441 C-M, MS 441 C-MQ, MS 461 R, MS 461</b>	3/8"	.050"	18"	66	33 RS3 66	3003 008 8917	R	10	
			20"	72	33 RS3 72	3003 008 8921	R	10	
			25"	84	33 RS3 84	3003 000 4030	RS	13	
			28"	91	33 RS3 91	3003 000 8838*	RS	11	
			25"*	84	33 RS3 84	3003 000 9630*	RS	13	
			28"*	91	33 RS3 91	3003 000 9638*	RS	13	
		.063"	18"	66	36 RS3 66	3003 008 6117	R	10	
			20"	72	36 RS3 72	3003 008 6121	R	10	
			22"	76	36 RS3 76	3003 000 9425*	RS	11	
			25"*	84	36 RS3 84	3003 000 9638*	RS	13	
			32"*	105	33 RS3 105	3003 000 9646*	RS	13	
			36"*	114	33 RS3 114	3003 000 9653*	RS	13	
<b>MS 661 C-M, MS 661 R C-M</b>	3/8"	.050"	20"	72	33 RS3 72	3003 008 8921	R	10	
			25"	84	33 RS3 84	3003 000 4030	RS	11	
			28"	91	33 RS3 91	3003 000 8838*	RS	11	
			32"	105	33 RS3 105	3003 000 8846*	RS	11	
			36"	114	33 RS3 114	3003 000 8853*	RS	11	
		.063"	20"	72	36 RS3 72	3003 008 6121	R	10	
			22"	76	36 RS3 76	3003 000 9425*	RS	11	
			25"	84	36 RS3 84	3003 000 5231*	RS	11	
			28"	84	36 RS3 84	3003 000 6038*	RS	11	
			32"	91	36 RS3 91	3003 000 6041*	RS	11	
			36"	105	36 RS3 105	3003 000 6046*	RS	11	
			36"	114	36 RS3 114	3003 000 6053*	RS	11	
			25"*	84	36 RS3 84	3003 000 9831*	RS	13	
			30"*	97	36 RS3 97	3003 000 9842*	RS	13	
			36"*	115	36 RS3 115	3003 000 9853*	RS	13	
		.063"	32"	95	46 RS 95**	3003 000 7346*	RS	10	
			36"	104	46 RS 104**	3003 000 7353*	RS	10	
<b>MS 880***</b>	3/8"	.063"	21"	75	36 RS3 75	3002 000 9123	RS	10	
<b>MS 880 R</b>	.404"	.063"	25"	80	46 RS 80**	3002 000 9731*	RS	12	
			30"	91	46 RS 91**	3002 000 9741*	RS	12	
			36"	108	46 RS 108**	3002 000 9752*	RS	12	
			41"	123	46 RS 123**	3002 000 9757*	RS	12	
			59"	173	46 RS 173**	3002 000 9576	RS	12	
			36"	104	46 RS 104**	3002 001 8052*	D	12	
			41"	123	46 RS 123	3002 000 8058*	D	12	
			47"	138	46 RS 138**	3002 000 8064*	D	12	

R = Laminated RS = Exchangeable Sprocket Nose D = STIHL DUROMATIC® LW = Lightweight

**NOTE:** The actual listed guide-bar length can vary from the effective cutting length based on which chain saw it is installed on.

# Saw Chain & Guide Bar Accessory Part Numbers

## Saw Chain Accessories

PORTABLE ELECTRIC CHAIN GRINDER & ACCESSORIES		Part Number
STIHL Portable 12 Volt Chain Grinder		0000 882 4001
3/16" Grinding Stone (Pkg. of 3)		0000 882 4101*
5/32" Grinding Stone (Pkg. of 3)		0000 882 4102*
7/32" Grinding Stone (Pkg. of 3)		0000 882 4103*
9/64" Grinding Stone (Pkg. of 3)		0000 882 4104*
13/64" Grinding Stone (Pkg. of 3)		0000 882 4105*
1/4" Grinding Stone (Pkg. of 3)		0000 882 4100*
"Kool Grind" Compound		0787 940 1751
Chain, Bar, and Sprocket ID Gauge		0000 893 4105
DEPTH GAUGE TOOLS		
1/4" STIHL PICCO™ Micro™ Depth Gauge Tool		0000 893 4005
1/4", 3/8" STIHL PICCO™ 0.325" and 3/8" Depth Gauge Tool		1110 893 4000
404" Depth Gauge Tool		1106 893 4000

\* All for portable 12v chain grinder

## Files & File Handles

FILES	Part Number
5/32" (4.0 mm) for 3/8" STIHL PICCO™, PMN, 1/4"	5605 773 4012*
3/16" (4.8 mm) for .325"	5605 773 4812*
13/64" (5.2 mm) for 3/8"	5605 773 5212*
7/32" (5.5 mm) for .404"	5605 773 5512*
11/64" (4.5 mm)	5605 773 4512*
5/32" (4.0 mm) for .404"	5605 773 4003**
3/16" (4.8 mm) for .404"	5605 773 4803**
13/64" (5.2 mm) for .404"	5605 773 5203**
7/32" (5.5 mm) for .404"	5605 773 5503**
9/64" (3.5 mm)	5605 773 3503**
STIHL Special File for sharpening Square Ground Chisel Chain*	7010 871 0132
STIHL Flat File for maintaining Depth Gauges*	7010 871 0007
FILE HANDLES	
SWISS File Handle (Flat w/ filing guide)	0814 498 1501
Standard File Handle (Orange Poly)	0811 490 7863
Standard File Handle (Display Bagged)	0811 490 7864
Deluxe File Handle	0000 881 4500
Soft Handle for Round File "FH1 Soft Grip"	0000 881 4502
Soft Handle for Flat File "FH3 Soft Grip"	0000 881 4503
Heavy Duty Stump Vise	0000 881 0400

\* Files in boxes of 12.

\*\* Files in boxes of 36 (12 sleeves of 3 files each)

## Other Accessories

GREASE GUNS	Part Number
Guide Bar Grease Gun (Bulk Packed)	1108 890 2500
Sprocket Bearing Grease	0000 000 2011
Special Grease for 036 QS	0781 120 1111
Twisted Splitting Wedge	0000 881 2221

## Chain Saw Accessories

HIGH-IMPACT FELLING WEDGES (Not for splitting wood)	Part Number
5-1/2" Wedge	0000 893 6880
7-1/2" Wedge	0000 893 6802
10" Wedge	0000 893 6882
10" Tri-Taper Wedge	0000 893 6883
12" Wedge	0000 893 6884
TELESCOPING GUIDE BAR SCABBARDS	
12" Bar Scabbard (3-3/4" Wide)	0000 792 9128
Extension (For 0000 792 9128 only)	0000 792 9131
15" Bar Scabbard (4-5/8" Wide)	0000 792 9129
Extension (For 0000 792 9129 only)	0000 792 9132
21" Bar Scabbard (5-1/4" Wide)	0000 792 9130
Extension (For 0000 792 9130 only)	0000 792 9133
Woodsman Saw Carrying Case	
Woodsman Chain Saw Case	0000 900 4008
Latch for 0000 900 4008	7010 881 5500
Plastic Latch for 0000 900 4006 (Old style)	0000 903 1302
Bar Scabbard for Woodsman Case	0000 792 9127

## Complete Filing Kits

Contains filing guide, round file with handle, depth gauge tool, flat file with handle, and a tool pouch

STIHL CHAIN TYPE	File Size	File Kit Part Number
1/4" Picco	1/8"	5605 007 1000
PMM3, PMN	5/32"	5605 007 1026
1/4", 3/8" Picco	5/32"	5605 007 1027
.325"	3/16"	5605 007 1028
3/8"	13/64"	5605 007 1029
.404"	7/32"	5605 007 1030

## STIHL File Guides

Complete with a file and file handle

STIHL CHAIN TYPE	File Size	File Guide Part Number
1/4" STIHL PICCO™ Mini™	1/8"	5605 750 4300
1/4", 3/8" STIHL PICCO™, PMM3, PMN	5/32"	5605 750 4327
.325"	3/16"	5605 750 4328
3/8"	13/64"	5605 750 4329
.404"	7/32"	5605 750 4330
For Clearing Saw Blades	7/32"	5605 750 4343
STIHL 2 in 1 Filing Guide for 1/4" PICCO™	1/8"	5605 750 4306
STIHL 2 in 1 Filing Guide for 3/8" PICCO™	5/32"	5605 750 4303
STIHL 2 in 1 Filing Guide for .325" PICCO™	3/16"	5605 750 4304
STIHL 2 in 1 Filing Guide for 3/8"	13/64"	5605 750 4305
STIHL FF 1 File Guide Holder for 3/8" PICCO™ Mini		5614 000 7503
STIHL FF 1 File Guide Holder for 3/8" PICCO™		5614 000 7502
STIHL FF 1 File Guide Holder for .325"		5614 000 7501
STIHL FF 1 File Guide Holder for 3/8"		5614 000 7500
STIHL FG 4 Roller Filing Guide for 3/8" PICCO™ Mini		5612 000 7503
STIHL FG 4 Roller Filing Guide for 3/8" PICCO™		5612 000 7502
STIHL FG 4 Roller Filing Guide for .325"		5612 000 7501
STIHL FG 4 Roller Filing Guide for 3/8"		5612 000 7500

# Interchangeable Gearboxes

## Handle and gearbox configurations by model

FS 90	FS 110	FS 130	FS 240	FS 250	HL 100 K (0°)	HT 100, HT 130	FC 95	FC 110	FS 90 R	FS 110 R	HL 100 (135°)	HL 100 K (135°)	FC 95	FC 110	FS 90 R	FS 110 R	FS 130 R	FS 240 R	FS 250 R	HL 100	HL 100 K (135°)
																					
 BF Mini-Cultivator For cultivating gardens.																					
 FCS Edger A powerful straight shaft edger.																					
 FH 135° Power Scythe For precise grass trimming.																					
 HT Pole Pruner For pruning high limbs.																					
 HL 0° Hedge Trimmer A fixed angle hedge trimmer.																					
 HL 135° Hedge Trimmer An adjustable angle (135° working range) hedge trimmer.																					
 KW STIHL PowerSweep™ A gasoline-powered rubber paddled broom for construction, water cleanup and street maintenance.																					
 KB Brush For sweeping paved surfaces. Includes deflector.																					

### ■ Acceptable

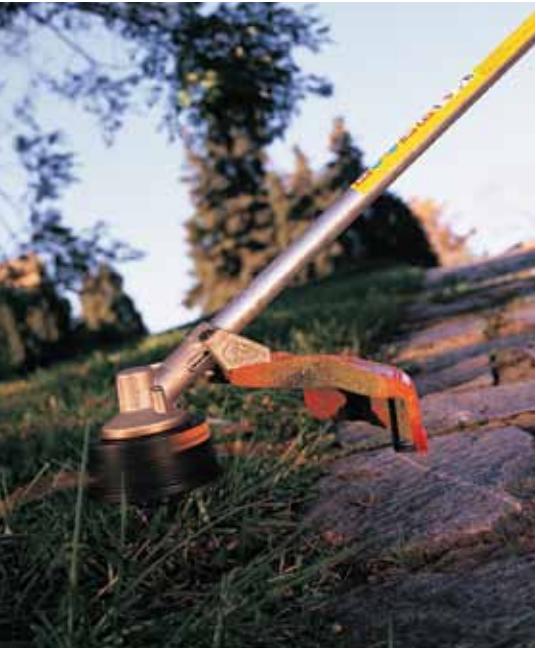
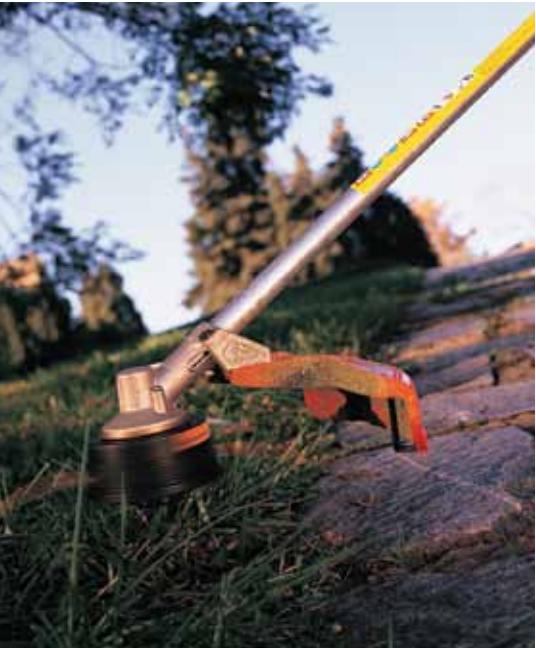
\*Trimmers equipped with loop handles (R). For models which are/were available with optional handles, "R" denotes loop handle version.

### IMPORTANT INFORMATION

**WARNING:** When using HL or FS attachments on the FS 85, FS 90 R, FS 110 and FS 130 with loop handle (R), a barrier bar (#4130-791-4400) must be attached. **These attachments should NOT be used on the FS 85 RX or FS 100 RX.**

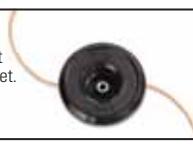
# Cutting Tools

Wherever you look in nature, a weed is never far away. And we have the right STIHL cutting tool for dealing with any weed. From dealing with long grass around the edges of your path to trimming wild-growing bushes – our mowing heads, knives and saw blades enable you to carry out any task. Our cutting tools are perfectly matched to STIHL brushcutters and clearing saws.

Grass around obstacles	DuroCut™ mowing head	TrimCut™ mowing head	AUTOCUT® mowing head	STIHL SuperCut™ mowing head
	Ideal trimmer head for users that prefer manual heads which require precut lengths of nylon line, even when operating in severe applications.	Double line for mowing and trimming. The nylon line length is adjusted by hand.	Double or quadruple line for mowing and trimming. The nylon line length is adjusted by tapping the cutting head against the ground.	Double line for mowing and trimming. The mowing line is automatically kept at the optimum cutting length.
Light vegetation	DuroCut™ mowing head	AUTOCUT® mowing head	STIHL SuperCut™ mowing head	STIHL PolyCut™ mowing head
	Ideal trimmer head for users that prefer manual heads that require precut lengths of nylon line, even when operating in severe applications.	Double or quadruple line for mowing and trimming. The nylon line length is adjusted by tapping the cutting head against the ground.	Double line for mowing and trimming. The mowing line is automatically kept at the optimum cutting length.	Universal cutting tool for trimming and working on large areas. With three pivoting thermoplastic blades.
Heavy vegetation	DuroCut™ mowing head	Grass cutting blade	Grass cutting blade	
	Ideal trimmer head for users that prefer manual heads that require precut lengths of nylon line, even when operating in severe applications.	Reversible steel quadruple blade. For working on large areas of tough grass.	Steel blade with eight teeth. For mowing thick dry grass and reeds.	
Reeds and bushes	Brush knife	Circular saw blade, scratcher tooth		
	Steel triple blade. For trimming and removing tough, tangled grass, scrub and thorny bushes.	Special steel tool for mid-range brushcutters upwards. For gnarled bushes and thin tree trunks.		
Brushes and thin trees	Circular saw blade, scratcher tooth	Circular saw blade, chisel tooth		
	Special steel tool for mid-range brushcutters upwards. For gnarled bushes and thin tree trunks.	Special steel tool for mid-range brushcutters upwards. For gnarled bushes, thin tree trunks, sawing and clearing.		



# Cutting Head Part Numbers

	Head/Blade Type	Part Number	Trimmer Line Diameters	Standard	Optional	FSE 60	FSA 65	FSA 85	FSA 90 R	FS 38	FS 40 C-E	FS 45*	FS 46*	FS 50 C-E	FS 55	FS 56 C-E**
<b>LIGHT GRASS TRIMMERS</b>	<b>STIHL SuperCut™ head:</b> Fully automatic, double nylon line is automatically kept at the proper cutting length.		STIHL SuperCut™ 20-2	4002 710 2184	.095"	—				●					●	
	<b>AUTOCUT® head:</b> Double line for trimming and mowing. Nylon line is fed automatically by TapAction™. AUTOCUT® C 5-2 EasySpool™ version available.		AUTOCUT® C 4-2	4006 710 2123	.080"	—			●					●		
			AUTOCUT® 5-2	4006 710 2103	.080"	—		●					●			
			AUTOCUT® C 5-2	4006 710 2106	.080"	—	●					●				
			AUTOCUT® C 25-2	4002 710 2196	.095"	—										●
			AUTOCUT® 11-2	4004 710 2192	.095"	.080"										
			AUTOCUT® 25-2	4002 710 2191	.095"	.105"			●			●			●	
			AUTOCUT® 30-2	4002 710 2187	.095"	.105"										
			AUTOCUT® 40-2	4003 710 2189	.095"	.105"										
			AUTOCUT® 40-4	4005 710 2102	.095"	.105"										
	<b>FixCut™ head:</b> Lightweight and quick loading. Insert 8" piece of trimmer line in each eyelet.		FixCut™ 5-2	4006 710 2118	.095"	.080"						●				
			FixCut™ 25-2	4002 710 2158	.095"	.080/.120/.130"			●			●			●	
			FixCut™ 30-2	4001 710 2103	—	.080/.095/.105"			●			●			●	
<b>HEAVY GRASS/MOWING</b>	<b>DuroCut head:</b> Ideal trimmer head for users who prefer manual heads that require pre-cut lengths of nylon line, even when operating in severe applications.		DuroCut 5-2	4006 710 2125	.080"	.065"/.095"					●					
			DuroCut 20-2	4002 710 2167	.120"	.080/.095/.105"										●
			DuroCut 40-4	4005 710 2106	.155"	.120/.130"										
	<b>TrimCut™ head:</b> Manual-feed nylon head is particularly suitable for mowing low-growing grass around solid obstacles.		TrimCut™ 31-2	4002 710 2156	.105"	.095"										●
			TrimCut™ 41-2	4003 710 2108	.105"	.095"										
			TrimCut™ 51-2	4005 710 2104	.105"	.095"										
<b>FORESTRY</b>	<b>STIHL PolyCut™ head:</b> A universal cutting tool for trimming large areas. Fitted with three thermoplastic blades.		STIHL PolyCut™ 5-3	4004 710 2180												
			STIHL PolyCut™ 6-3	4006 710 2104								●				
			STIHL PolyCut™ 20-3	4002 710 2189												●
			STIHL PolyCut™ 41-3	4003 710 2114												
	<b>Metal blade:</b> Steel, four cutting edges, for working on large areas of tough weeds and heavy grass.		Grass-4	25.4 mm	4001 713 3801								●	**		
			Grass-4	20 mm	4000 713 3801											
	<b>Metal blade:</b> Steel, 8 teeth, for cutting thick, dry weeds and reeds.		Grass-8	25.4 mm	4001 713 3803								●	**		
			Grass-8	20 mm	4000 713 3802											
<b>BRUSH</b>	<b>Brush knife:</b> Steel, for thinning and clearing tough, tangled weeds, undergrowth and scrub.		Brush Knife	25.4 mm	4112 713 4100											
			Brush Knife	20 mm	4119 713 4100											
			Brush Knife	20 mm	4110 713 4100											
<b>FORESTRY</b>	<b>Circular saw blade, scratcher tooth:</b> Steel, for gnarled bushes and thin tree trunks.		Scratcher	25.4 mm	4112 713 4201											
			Scratcher	20 mm	4000 713 4200											
			Scratcher	20 mm	4000 713 4205											
			Scratcher	20 mm	4104 713 4200											
	<b>Circular saw blade, chisel tooth:</b> Steel, for gnarled bushes and thin tree trunks (depends on diameter of trunk and techniques used).		Chisel	25.4 mm	4112 713 4203											
			Chisel	20 mm	4119 713 4200											
			Chisel	20 mm	4110 713 4204											

# Cutting Head Part Numbers

**\* Trimmers equipped with loop handles. For models that are/were available with optional handles, "R" denotes loop handle version.**

**Note: Numbers with "mm"  
show arbor size.**

**Consult your instruction manual or your authorized STIHL Dealer for approved cutting head/deflector combinations.**

- Approved for use with designated unit as originally equipped.
    - \*\* When using Grass-4 and Grass-8 metal cutting blades with FS 56 C-E, trimmer must be equipped with deflector. Not necessary for FS 55. See dealer for more details.
  - Approved for use with loop handle (R) only if equipped with barrier bar deflector kit and a single or double shoulder harness.
  - ◆ Approved for use with bike handle, double harness and limit stop.

\*\*\* Not for use on FS 560 C-EM

  - 1 Not for use on FS 240 or FS 240 R
  - 2 Not for use on FS 94 R

**2 Not for use on FS 94 R**

## 2 Not for use on FS 94 R

**NOTE:** Barrier bar and large deflector must be attached when using a metal blade with loop (R) handle trimmer.

## **IMPORTANT INFORMATION**

**WARNING:** Improper use of any brushcutter trimmer can cause serious or fatal injury. Read, understand and follow all safety instructions in your instruction manual. To reduce the risk of injury from blade contact, circular saw blades may be used on FS brush-cutters that have a bicycle handle and double shoulder harness and not on FS brush-cutters with a "J" handle or loop handle (R). Other rigid blades may be used on FS brushcutters having a bicycle handle, a "J" handle, or a loop handle equipped with a barrier bar. To reduce the risk of eye injury, always wear proper eye protection. Always use the appropriate deflector for the type of cutting attachment, as explained in your instruction manual.

# Landscaping Tool Specifications

Model	Voltage/ Displacement	Motor Output/ Engine Power	Weight	Fuel Capacity	Low-Emissions Engine	Easy2Start™ (E)	Solid Driveshaft	Interchangeable Gearboxes/ Attachments
<b>TRIMMERS &amp; BRUSHCUTTERS</b>								
<b>FSE 60</b>	120 V (60 Hz)	0.6 kW (5.3 amps)	4.0 kg (8.8 lbs.)	—	●			
<b>FS 38</b>	27.2 cc (1.66 cu. in.)	0.65 kW (0.87 bhp)	4.2 kg (9.3 lbs.)	330 cc (11.2 oz.)				
<b>FS 40 C-E</b>	27.2 cc (1.66 cu. in.)	0.7 kW (0.94 bhp)	4.5 kg (9.9 lbs.)	340 cc (11.5 oz.)	●			
<b>FS 50 C-E</b>	27.2 cc (1.66 cu. in.)	0.8 kW (1.1 bhp)	4.6 kg (10.1 lbs.)	340 cc (11.5 oz.)	●	●		
<b>FS 56 RC-E</b>	27.2 cc (1.66 cu. in.)	0.8 kW (1.1 bhp)	4.8 kg (10.6 lbs.)	340 cc (11.5 oz.)	●	●		
<b>FS 56 C-E</b>	27.2 cc (1.66 cu. in.)	0.8 kW (1.1 bhp)	5.2 kg (11.5 lbs.)	340 cc (11.5 oz.)	●	●		
<b>FS 70 R</b>	27.2 cc (1.66 cu. in.)	0.9 kW (1.2 bhp)	4.8 kg (10.6 lbs.)	340 cc (11.5 oz.)	●			
<b>FS 90 R</b>	28.4 cc (1.73 cu. in.)	0.95 kW (1.27 bhp)	5.3 kg (11.7 lbs.)	530 cc (18.0 oz.)	●			
<b>FS 90</b>	28.4 cc (1.73 cu. in.)	0.95 kW (1.27 bhp)	5.5 kg (12.1 lbs.)	530 cc (18.0 oz.)	●		●	
<b>FS 94 R</b>	24.1 cc (1.47 cu. in.)	0.9 kW (1.2 bhp)	4.6 kg (10.1 lbs.)	540 cc (18.3 oz.)	●			
<b>FS 100 RX</b>	31.4 cc (1.9 cu. in.)	1.05 kW (1.4 bhp)	4.9 kg (10.8 lbs.)	530 cc (18.0 oz.)	●			
<b>FS 110 R</b>	31.4 cc (1.9 cu. in.)	1.05 kW (1.4 bhp)	5.5 kg (12.1 lbs.)	530 cc (18.0 oz.)	●		●	
<b>FS 110</b>	31.4 cc (1.9 cu. in.)	1.05 kW (1.4 bhp)	5.8 kg (12.8 lbs.)	530 cc (18.0 oz.)	●		●	
<b>FS 130 R</b>	36.3 cc (2.2 cu. in.)	1.4 kW (1.9 bhp)	5.6 kg (12.3 lbs.)	530 cc (18.0 oz.)	●		●	
<b>FS 130</b>	36.3 cc (2.2 cu. in.)	1.4 kW (1.9 bhp)	5.9 kg (13.0 lbs.)	530 cc (18.0 oz.)	●		●	
<b>FS 240</b>	37.7 cc (2.3 cu. in.)	1.7 kW (2.3 bhp)	7.0 kg (15.4 lbs.)	750 cc (25.4 oz.)	●		●	
<b>FS 240 R</b>	37.7 cc (2.3 cu. in.)	1.7 kW (2.3 bhp)	6.6 kg (14.6 lbs.)	750 cc (25.4 oz.)	●		●	
<b>FS 310</b>	36.3 cc (2.2 cu. in.)	1.4 kW (1.9 bhp)	7.2 kg (15.9 lbs.)	710 cc (24.0 oz.)	●		●	
<b>FS 360 C-E</b>	37.7 cc (2.3 cu. in.)	1.7 kW (2.3 bhp)	8.5 kg (18.7 lbs.)	750 cc (25.4 oz.)	●			
<b>FS 460 C-EM</b>	45.6 cc (2.8 cu. in.)	2.2 kW (3.0 bhp)	8.5 kg (18.7 lbs.)	750 cc (25.4 oz.)	●		●	
<b>FS 560 C-EM</b>	57.1 cc (3.48 cu. in.)	2.8 kW (3.75 bhp)	10.2 kg (22.5 lbs.)	990 cc (33.5 oz.)	●		●	
<b>EDGERS</b>								
<b>FC 56 C-E</b>	27.2 cc (1.66 cu. in.)	0.8 kW (1.1 bhp)	6.1 kg (13.5 lbs.)	340 cc (11.5 oz.)	●		●	
<b>FC 70</b>	27.2 cc (1.66 cu. in.)	0.9 kW (1.2 bhp)	5.9 kg (13.0 lbs.)	340 cc (11.5 oz.)	●			
<b>FC 90</b>	28.4 cc (1.73 cu. in.)	0.95 kW (1.27 bhp)	6.0 kg (13.2 lbs.)	530 cc (18.0 oz.)	●			
<b>FC 95</b>	28.4 cc (1.73 cu. in.)	0.95 kW (1.27 bhp)	6.8 kg (15.0 lbs.)	530 cc (18.0 oz.)	●		●	
<b>FC 110</b>	31.4 cc (1.9 cu. in.)	1.05 kW (1.4 bhp)	6.8 kg (15.0 lbs.)	530 cc (18.0 oz.)	●		●	
<b>HEDGE TRIMMERS</b>								
<b>HSE 52</b>	120 V (60 Hz)	460 w (3.8 amps)	3.1 kg (6.8 lbs.)	—	●			
<b>HSE 70</b>	120 V (60 Hz)	500 w (4.5 amps)	4.2 kg (9.3 lbs.)	—	●			
<b>HS 45</b>	27.2 cc (1.66 cu. in.)	0.75 kW (1.01 bhp)	18"/4.7 kg (10.4 lbs.)	230 cc (7.8 oz.)				
<b>HS 46 C-E</b>	21.4 cc (1.31 cu. in.)	0.65 kW (0.87 bhp)	22"/4.3 kg (9.5 lbs.)	280 cc (9.5 oz.)	●		●	
<b>HS 56 C-E</b>	21.4 cc (1.31 cu. in.)	0.65 kW (0.87 bhp)	24"/4.5 kg (9.9 lbs.)	280 cc (9.5 oz.)	●		●	
<b>NEW! HS 82 R</b>	22.7 cc (1.4 cu. in.)	0.7 kW (0.94 bhp)	24"/5.4 kg (11.9 lbs.)	460 cc (15.6 oz.)	●			
			30"/5.7 kg (12.6 lbs.)					
<b>NEW! HS 82 T</b>	22.7 cc (1.4 cu. in.)	0.7 kW (0.94 bhp)	24"/5.1 kg (11.2 lbs.)	460 cc (15.6 oz.)	●			
			30"/5.3 kg (11.7 lbs.)					
<b>NEW! HS 87 R</b>	22.7 cc (1.4 cu. in.)	0.7 kW (0.90 bhp)	30"/5.5 kg (12.1 lbs.)	460 cc (15.6 oz.)	●			
<b>NEW! HS 87 T</b>	22.7 cc (1.4 cu. in.)	0.7 kW (0.90 bhp)	30"/5.2 kg (11.5 lbs.)	460 cc (15.6 oz.)	●			
			40"/5.5 kg (12.1 lbs.)					
<b>EXTENDED LENGTH TOOLS</b>								
<b>HL 45 (0°)</b>	27.2 cc (1.66 cu. in.)	0.75 kW (1.01 bhp)	5.6 kg (12.2 lbs.)	330 cc (11.2 oz.)			●	
<b>HL 90 K (0°)</b>	28.4 cc (1.73 cu. in.)	0.95 kW (1.27 bhp)	5.7 kg (13.0 lbs.)	530 cc (18.0 oz.)	●			
<b>HL 100 K (0°)</b>	31.4 cc (1.9 cu. in.)	1.05 kW (1.4 bhp)	6.0 kg (13.2 lbs.)	530 cc (18.0 oz.)	●		●	
<b>HL 100 K (135°)</b>	31.4 cc (1.9 cu. in.)	1.05 kW (1.4 bhp)	6.4 kg (14.8 lbs.)	530 cc (18.0 oz.)	●		●	
<b>HL 100 (135°)</b>	31.4 cc (1.9 cu. in.)	1.05 kW (1.4 bhp)	6.9 kg (15.3 lbs.)	530 cc (18.0 oz.)	●		●	
<b>HT 56 C-E</b>	27.2 cc (1.7 cu. in.)	0.8 kW (1.07 bhp)	6.2 kg (13.7 lbs.)	340 cc (11.5 oz.)		●		
<b>HT 100</b>	31.4 cc (1.9 cu. in.)	1.05 kW (1.4 bhp)	5.5 kg (12.1 lbs.)	530 cc (18.0 oz.)	●			
<b>HT 101</b>	31.4 cc (1.9 cu. in.)	1.05 kW (1.4 bhp)	7.4 kg (16.3 lbs.)	530 cc (18.0 oz.)	●		●	
<b>HT 130</b>	36.3 cc (2.2 cu. in.)	1.4 kW (1.9 bhp)	5.8 kg (12.8 lbs.)	530 cc (18.0 oz.)	●			
<b>HT 131</b>	36.3 cc (2.2 cu. in.)	1.4 kW (1.9 bhp)	7.8 kg (17.2 lbs.)	530 cc (18.0 oz.)	●			
<b>HT 250</b>	40.2 cc (2.45 cu. in.)	1.6 kW (2.15 bhp)	6.4 kg (14.1 lbs.)	640 cc (21.6 oz.)	●			
<b>DRILLS &amp; AUGERS</b>								
<b>BT 45 Drill</b>	27.2 cc (1.6 cu. in.)	0.8 kW (1.07 bhp)	4.8 kg (10.5 lbs.)	250 cc (8.5 oz.)				
<b>BT 45 Auger</b>	27.2 cc (1.6 cu. in.)	0.8 kW (1.07 bhp)	4.8 kg (10.5 lbs.)	250 cc (8.5 oz.)				
<b>BT 130 Auger</b>	36.3 cc (2.2 cu. in.)	1.4 kW (1.9 bhp)	9.9 kg (21.8 lbs.)	530 cc (18.0 oz.)				
<b>MULTI-TASK TOOLS</b>								
<b>KM 56 RC-E*</b>	27.2 cc (1.66 cu. in.)	0.8 kW (1.1 bhp)	4.3 kg (9.5 lbs.)*	340 cc (11.5 oz.)	●		●	
<b>KM 90 R*</b>	28.4 cc (1.73 cu. in.)	0.95 kW (1.27 bhp)	4.5 kg (9.9 lbs.)*	530 cc (18.0 oz.)	●		●	
<b>NEW! KM 94 R*</b>	24.1 cc (1.47 cu. in.)	0.9 kW (1.2 bhp)	4.0 kg (8.8 lbs.)*	540 cc (18.3 oz.)	●		●	
<b>KM 110 R*</b>	31.4 cc (1.9 cu. in.)	1.05 kW (1.4 bhp)	4.5 kg (9.9 lbs.)*	530 cc (18.0 oz.)	●		●	
<b>KM 130 R*</b>	36.3 cc (2.2 cu. in.)	1.4 kW (1.9 bhp)	4.6 kg (10.1 lbs.)*	530 cc (18.0 oz.)	●		●	
<b>MM 55</b>	27.2 cc (1.66 cu. in.)	0.8 kW (1.07 bhp)	9.5 kg (20.9 lbs.)	330 cc (11.2 oz.)				
<b>MM 55 C-E</b>	27.2 cc (1.66 cu. in.)	0.8 kW (1.07 bhp)	9.8 kg (21.6 lbs.)	330 cc (11.2 oz.)	●		●	

**Note:** Models and specifications are subject to change without notice. Manufacturer reserves the right to change appearance, function and components of any STIHL product without prior notice or liability. STIHL trimmers and brushcutters are designed to work with a variety of cutting attachments. All weights are without cutting attachments and deflectors. Weight refers to dry weight.

\* Powerhead weight only. Attachment weights are additional.

# Blower, Sprayer, Shredder Vac & Wet/Dry Vacuum

Model	Voltage/ Displacement	Motor Output/ Engine Power	Powerhead Weight	Fuel Capacity	Air Velocity	Air Volume at Nozzle	Sound Rating*
<b>HANDHELD BLOWERS</b>							
<b>BGE 61</b>	120 V (60 Hz)	1.1 kW (9.2 amps)	3.1 kg (6.8 lbs.)	—	66 m/sec (148 mph)	510 m³/h (300 cfm)	64 dB(A)
<b>BGE 71</b>	120 V (60 Hz)	1.1 kW (9.2 amps)	3.1 kg (6.8 lbs.)	—	Low speed: 53 m/sec (119 mph) High speed: 66 m/sec (148 mph)	Low speed: 390 m³/h (230 cfm) High speed: 510 m³/h (300 cfm)**	Low speed: 58 dB(A) High speed: 64 dB(A)
<b>BG 55</b>	27.2 cc (1.66 cu. in.)	0.7 kW (0.9 bhp)	4.1 kg (9.0 lbs.)	400 cc (13.5 oz.)	Round: 63 m/sec (140 mph)	Round: 710 m³/h (418 cfm)	69 dB(A)
<b>BG 56 C-E</b>	27.2 cc (1.66 cu. in.)	0.7 kW (0.9 bhp)	4.2 kg (9.3 lbs.)	540 cc (18.3 oz.)	Round: 64 m/sec (143 mph)	Round: 710 m³/h (418 cfm)	70 dB(A)
<b>BG 66 L</b>	27.2 cc (1.66 cu. in.)	0.6 kW (0.8 bhp)	4.4 kg (9.7 lbs.)	540 cc (18.3 oz.)	Round: 64 m/sec (143 mph)	Round: 710 m³/h (418 cfm)	65 dB(A)
<b>BG 86</b>	27.2 cc (1.66 cu. in.)	0.8 kW (1.1 bhp)	4.4 kg (9.7 lbs.)	440 cc (14.9 oz.)	Flat: 85 m/sec (190 mph) Round: 69 m/sec (154 mph)	Flat: 610 m³/h (359 cfm) Round: 780 m³/h (459 cfm)	70 dB(A)
<b>BG 86 C-E</b>	27.2 cc (1.66 cu. in.)	0.8 kW (1.1 bhp)	4.5 kg (9.9 lbs.)	440 cc (14.9 oz.)	Flat: 85 m/sec (190 mph) Round: 69 m/sec (154 mph)	Flat: 610 m³/h (359 cfm) Round: 780 m³/h (459 cfm)	70 dB(A)
<b>SHREDDER VAC/BLOWERS</b>							
<b>SH 56 C-E</b>	27.2 cc (1.66 cu. in.)	0.7 kW (0.9 bhp)	5.2 kg (11.5 lbs.)	540 cc (18.3 oz.)	Round: 64 m/sec*** (143 mph)	Round: 710 m³/h*** (418 cfm)	Vac: 70 dB(A) Blower: 70 dB(A)
<b>SH 86 C-E</b>	27.2 cc (1.66 cu. in.)	0.8 kW (1.1 bhp)	5.6 kg (12.3 lbs.)	440 cc (14.9 oz.)	Flat: 85 m/sec (190 mph) Round: 69 m/sec*** (154 mph)	Round: 770 m³/h*** (453 cfm)	Vac: 70 dB(A) Blower: 70 dB(A)
<b>BACKPACK BLOWERS &amp; SPRAYERS</b>							
<b>BR 200</b>	27.2 cc (1.66 cu. in.)	0.8 kW (1.10 bhp)	5.7 kg (12.6 lbs.)	1050 cc (35.5 oz.)	59 m/sec (132 mph)	690 m³/h w/Tube (406 cfm)	70 dB(A)
<b>BR 350</b>	63.3 cc (3.86 cu. in.)	2.1 kW (2.8 bhp)	10.0 kg (22 lbs.)	1700 cc (57.5 oz.)	75 m/sec (168 mph)	750 m³/h w/Tube (441 cfm)	74 dB(A)
<b>BR 430</b>	63.3 cc (3.86 cu. in.)	2.9 kW (3.9 bhp)	10.1 kg (22.3 lbs.)	1700 cc (57.5 oz.)	82 m/sec (183 mph)	850 m³/h w/Tube (500 cfm)	76 dB(A)
<b>BR 500</b>	64.8 cc (3.95 cu. in.)	2.0 kW (2.7 bhp)	10.1 kg (22.3 lbs.)	1400 cc (47.3 oz.)	81 m/sec (181 mph)	810 m³/h w/Tube (477 cfm)	65 dB(A)
<b>BR 550</b>	64.8 cc (3.95 cu. in.)	2.5 kW (3.4 bhp)	9.9 kg (21.8 lbs.)	1400 cc (47.3 oz.)	89 m/sec (199 mph)	900 m³/h w/Tube (530 cfm)	73 dB(A)
<b>BR 600</b>	64.8 cc (3.95 cu. in.)	2.8 kW (3.8 bhp)	9.8 kg (21.6 lbs.)	1400 cc (47.3 oz.)	90 m/sec (201 mph)	1210 m³/h w/Tube (712 cfm)	75 dB(A)
<b>SR 200</b>	27.2 cc (1.66 cu. in.)	0.8 kW (1.10 bhp)	8.5 kg (18.7 lbs.)	1050 cc (35.5 oz.)	81 m/sec (181 mph)	580 m³/h w/Tube (341 cfm)	—
<b>SR 450</b>	63.3 cc (3.86 cu. in.)	2.9 kW (3.9 bhp)	12.8 kg (28.2 lbs.)	1700 cc (57.5 oz.)	90 m/sec (201 mph)	920 m³/h w/Tube (542 cfm)	—
<b>NEW! SG 11</b>	—	—		1.5 L (0.4 gals.)	—	—	—
<b>NEW! SG 31</b>	—	—		5.0 L (1.32 gals.)	—	—	—
<b>NEW! SG 51</b>	—	—		12 L (3.2 gals.)	—	—	—
<b>NEW! SG 71</b>	—	—		18 L (4.75 gals.)	—	—	—
<b>ELECTRIC WET/DRY VACUUMS</b>							
<b>NEW! SE 62</b>	120 V (60 Hz)	1000 w (8.3 amps)	7.5 kg (16.5 lbs.)				
<b>SE 122</b>	120 V (60 Hz)	1000 w (8.3 amps)	10.0 kg (22.0 lbs.)				

\*As measured to ANSI B175.2 \*\* Indicates specifications with vacuum attachment. \*\*\* Indicates specifications in vacuum mode. NOTE: Weight refers to dry weight.





**Real people. STIHL people.**

*"We believe strongly in personal service. We ensure that our service on all levels – customer service as well as the maintenance services we do on equipment – is to an excellent standard."*

**Gary and Lynne Brewer, STIHL Dealer  
Perryville Outdoor, Perryville, MO**



# Protective Apparel Part Numbers

<b>PROTECTIVE APPAREL</b>	<b>Small</b>	<b>Medium</b>	<b>Large</b>	<b>X-Large</b>	<b>XX-Large</b>	<b>XXX-Large</b>
Winter Protective Pants – 6 layer	0797 901 0001	0797 901 0002	0797 901 0003	0797 901 0004		
Summer Protective Pants – 6 layer	0797 901 0006	0797 901 0007	0797 901 0008	0797 901 0009		
Nylon Protective Pants – 6 layer	0797 901 0016	0797 901 0017	0797 901 0018	0797 901 0019		
Denim Protective Pants – 6 layer	0000 886 0745	0000 886 0746	0000 886 0747	0000 886 0748		
Denim Leggings – 6 layer	0000 886 1900	0000 886 1901	0000 886 1902	0000 886 1903		
Pro Mark™ Denim Protective Pants – 9 layer	0000 886 0729	0000 886 0730	0000 886 0731	0000 886 0732		
Pro Mark™ Cut-Retardant Shirt	0000 886 3516	0000 886 3517	0000 886 3518	0000 886 3519	0000 886 3520	0000 886 3521
Cut-Retardant Mitts	0000 886 1100	0000 886 1101	0000 886 1102	0000 886 1103		
<b>PROTECTIVE APPAREL</b>	<b>32" length</b>	<b>36" length</b>	<b>40" length</b>	<b>44" length</b>	<b>Medium</b>	<b>Large</b>
Apron Chaps – orange – 6 layer	0000 886 3201	0000 886 3202	0000 886 3203			
<b>NEW!</b> Apron Chaps – True Timber Camo – 6 layer	0463 092 0101	0463 092 0201	0463 092 0301			
Skidder Bib Chaps – orange – 6 layer					0797 901 0012	0797 901 0013
Woodcutter Chaps – black – 6 layer	7010 884 0800	0797 333 9200				
<b>NEW!</b> Woodcutter Zip Chaps – 6 layer	7010 884 0823	7010 884 0824	7010 884 0825	7010 884 0826		
Wrap Chaps – orange – 6 layer	0000 886 3204		0000 886 3205			
<b>NEW!</b> Performance High Vis Apron Chaps – 9 layer	7010 884 0827	7010 884 0828	7010 884 0829	7010 884 0830		
<b>NEW!</b> Performance Zip Chaps – 6 layer	7010 884 0815	7010 884 0816	7010 884 0817	7010 884 0818		
Pro Mark™ Apron Chaps – orange – 9 layer	0000 886 3904	0000 886 3905	0457 970 0108			
<b>NEW!</b> Pro Mark™ High Vis Zip Chaps – 9 layer	7010 884 0819	7010 884 0820	7010 884 0821	7010 884 0822		
Pro Mark™ Wrap Chaps – orange – 9 layer	0000 886 3907					
<b>NON-PROTECTIVE APPAREL</b>	<b>Small</b>	<b>Medium</b>	<b>Large</b>	<b>X-Large</b>	<b>XX-Large</b>	
Woodcutter Work Shirt – orange/blue	0797 333 9100	0797 333 9101	0797 333 9102	0797 333 9103	0797 333 9104	
Woodcutter Work Shirt – orange	0797 333 9105	0797 333 9106	0797 333 9107	0797 333 9108	0797 333 9109	
Woodcutter Winter Shirt	0797 333 9115	0797 333 9116	0797 333 9117	0797 333 9118	0797 333 9119	
Forestry Tool Vest			0797 333 9000	0797 333 9001	0797 333 9002	
Reflective Safety Vest		7010 884 0600	7010 884 0601	7010 884 0602	7010 884 0603	
Reflective Safety Pants		7010 883 2600	7010 883 2600	7010 883 2601	7010 883 2601	
Chapron			0797 110 9000			
Shop Apron			0000 886 3200			
Anti-Vibration Gloves			7010 884 1128	7010 884 1129		
Great Grip Gloves (While supplies last)		7010 884 1116	7010 884 1117	7010 884 1118		
Heavy Duty Work Gloves		7010 884 1110	7010 884 1111	7010 884 1112		
High Performance Pro Gloves		7010 883 8500	7010 883 8501	7010 883 8502		
Landscape Series Gloves	7010 884 1120	0000 886 1104	0000 886 1105	0000 886 1106		
STIHL Mechanic Style Gloves		7010 884 1140	7010 884 1141	7010 884 1142		
Prosccaper Series Gloves		7010 884 1100	7010 884 1101	7010 884 1102		
STIHL HomeScaper Series™ Gloves	7010 884 1136	7010 884 1103	7010 884 1104	7010 884 1105		
STIHL® TIMBERSPORTS® Series Gloves		7010 884 1133	7010 884 1134	7010 884 1135		
Value Pro Gloves		7010 884 1137	7010 884 1138	7010 884 1139		
Work Gloves			7010 884 1126			
Easy2Grip II Gloves		7010 884 1143	7010 884 1144	7010 884 1145		



# Protective Apparel Part Numbers

PROTECTIVE GLASSES	Indoor/Outdoor	Grey/Smoke	Yellow/Clear	Brown/Coffee	Orange	Blue Mirror	Silver Mirror/ Smoke Mirror	Red Mirror	Sun Mirror/ Gold Mirror
Black Widow Glasses	7010 884 0307						7010 884 0301		
Black Strap Glasses		7010 884 0373					7010 884 0370		7010 884 0371
Camo Glasses		7010 884 0320	7010 884 0321						
Comfort Fit Glasses		7010 884 0343		7010 884 0342		7010 884 0341		7010 884 0334	
Gridiron Glasses		7010 884 0356	7010 884 0355				7010 884 0357		
GSX Glasses						7010 884 0309	7010 884 0308		
Hellfire Glasses		7010 884 0351					7010 884 0352		7010 884 0350
STIHL HellRaiser™ Glasses		7010 884 0353				7010 884 0354			
Pacifix Glasses						7010 884 0311	7010 884 0310		7010 884 0319
STIHL Pro Mark™ Goggles		7010 884 0363	7010 884 0362						
Sleek Line Glasses		7010 884 0325	7010 884 0333			7010 884 0324		7010 884 0326	
STIHL® TIMBERSPORTS® Series Glasses								7010 884 0316	
Two-Tone Sport Glasses		7010 884 0369						7010 884 0368	
Ultra Flex Glasses		7010 884 0331		7010 884 0330				7010 884 0332	
Ultra Light Glasses w/Retainer Strap		7010 884 0360	7010 884 0359					7010 884 0358	
White Ice Glasses						7010 884 0367	7010 884 0366	7010 884 0365	
ProPack 4 Pack Glasses			7010 884 0315						
<b>NEW!</b> Cotton Candy Glasses		7010 884 0373	7010 884 0374						
<b>NEW!</b> Deputy Glasses		7010 884 0376		7010 884 0377		7010 884 0375			
<b>NEW!</b> Black Work Glasses		7010 884 0379				7010 884 0378	7010 884 0380		

## ACCESSORIES

Replacement Waist Buckle for chaps 1.5"	0000 886 5802
Replacement Leg Buckle for chaps 1"	0000 886 5803
Waist Extender for Chaps 12"	0000 886 5901
First Aid Kit Belt Pouch	0463 901 0511
First Aid Kit Refill	0463 901 0551
First Aid Kit Pouch and Refill	7010 871 0193
Wedge and Tool Pouch	0000 886 1600
Eyewear Pouch	0000 886 2200
Lawn Mower Bag	0797 010 1900
Lawn Mower Bag – personalized	0797 010 1901

## HEAD/FACE/HEARING PROTECTION

Woodcutter Helmet	7010 886 0109
Arborist Helmet	7010 883 9100
Forestry Helmet System	0000 886 0100
Pro Mark™ Forestry Helmet	7010 871 0199
Complete Construction Hard Hat System	0000 884 0175
Brush Shield Protector	0000 886 0210
Orange Hearing Protector	0000 886 0402
Camouflage Hearing Protector	0000 884 0513
Pro Mark™ Hearing Protector – NRR 29	7010 884 0502
Basic Hearing Protector – NRR 23	7010 884 0503
Tune-Up Headphone Radio – NRR 25	7010 884 0501
NRR 32 Foam Ear Plugs	7010 884 0404
NRR 27 Reusable Ear Plugs	7010 884 0401

## DUFFEL BAGS

	Small	Medium	Large
STIHL® Duffel Bag	0463 901 0418	0463 901 0420	0464 091 0500
Personalized STIHL® Duffel Bag	0463 901 0417	0463 901 0419	0000 886 1700



Actual product sold online may vary.



# STIHL Lithium-Ion Batteries and Chargers

The STIHL Battery KombiSystem offers users an environmentally responsible option for meeting virtually all of their outdoor power equipment needs. Based on advanced 36-volt STIHL Lithium-Ion technology, these batteries can be charged hundreds of times and have no battery memory limitation. And, there's no gradual drop in power – meaning they run at full speed until the battery is depleted. Plus, STIHL has partnered with the Rechargeable Battery Recycling Corporation (RBRC), and batteries can be returned for recycling at participating STIHL servicing dealers: [www.call2recycle.org](http://www.call2recycle.org).

MODELS	AP 80 RUN TIMES	AP 160 RUN TIMES	AP 180 RUN TIMES	AR 900 RUN TIMES
<b>MSA 160 C-BQ</b> 	—	up to 35 minutes	up to 38 minutes	up to 180 minutes
<b>MSA 200 C-BQ</b> 	—	—	up to 35 minutes	up to 160 minutes
<b>HSA 66</b> 	up to 60 minutes	up to 120 minutes	up to 140 minutes	up to 660 minutes
<b>HLA 65/85</b> 	up to 60 minutes	up to 120 minutes	up to 140 minutes	up to 660 minutes
<b>BGA 85</b> 	up to 10 minutes	up to 20 minutes	up to 23 minutes	up to 110 minutes
<b>FSA 65/85/90</b> 	up to 30/15/9 minutes	up to 60/30/18 minutes	up to 70/35/21 minutes	up to 330/160/100 minutes
<b>HTA 85</b> 	up to 15 minutes	up to 35 minutes	up to 35 minutes	up to 180 minute
<b>TSA 230</b> 	—	up to 13 minutes	up to 15 minutes	up to 75 minutes

## AL 100 Standard Charger

- 70-minute charge time (80%) for AP 115
- 150-minute charge time (80%) for AP 180



## AL 300 Rapid Charger

- 25-minute charge time (80%) for AP 115
- 35-minute charge time (80%) for AP 180

## AR 900 Backpack Battery

This Lithium-Ion backpack battery offers run-times of up to 11 hours\* and generates five times the power of the AP 160 and AP 180 batteries and more than ten times the power of the AP 115.

\*Depending on the equipment being operated and specific operating conditions.



## AP 180 Battery

- 36 volt Lithium-Ion - 178 Wh
- LED display indicates charge level
- Lightweight, only 3.8 lbs.

## AL 500 High-Speed Charger

High-speed charger for charging high-capacity batteries, like AP 180 and AR 900



## AP 80 Battery

- 36 volt Lithium-Ion – 76 Wh
- LED display indicates charge level
- Lightweight, only 2.6 lbs.



For more information on the STIHL Battery KombiSystem please refer to page 6.



**Real people. STIHL people.**

*"It's still about the sport and the competition, but there's a lot of family atmosphere. It's the only sport I know of that other competitors are willing to loan you their gear even though you may beat them with it."*

**David Moses**  
**STIHL TIMBERSPORTS® Athlete**

# Join the STIHL Community!

## Stay Connected

Want to be kept up-to-date on the latest news and information from STIHL? STIHL has several ways to get easy access to news alerts and instant updates on what's happening in the world of STIHL. Join the STIHL Community and connect with other STIHL fans, participate in giveaways, see videos of STIHL products in action, give us input on STIHL products, share your STIHL photos, and much more.



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[Twitter.com/STIHLUSA](https://twitter.com/STIHLUSA)



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**Find us on Facebook**  
[Facebook.com/STIHLUSA](https://www.facebook.com/STIHLUSA)



**Find us on Instagram**  
[@STIHLUSA](https://www.instagram.com/stihlusa)



**Join the STIHL Mobile Community**  
Text JOIN to 78445.\*

\*Reply HELP for help. Reply STOP to cancel. Message and data rates may apply.



2015 will celebrate the 30th anniversary of the STIHL TIMBERSPORTS® Series. Established in 1985, the STIHL TIMBERSPORTS® Series assembles the world's top lumberjack athletes to compete in the Original Extreme Sport. The events are seen by over 20 million viewers annually in over 62 countries around the world on networks like the ABC Network, Eurosport, The Outdoor Channel and the ESPN networks, where it is now recognized as the second longest running show behind only 'SportsCenter'. Learn more at [stihlusa.com/stihl-timbersports](http://stihlusa.com/stihl-timbersports).



## STIHL OUTFITTERS™

The STIHL name stands for more than power tools. It stands for hard work, American-built pride and the support of independent businesses across the country. If that sounds like something you'd like to display, then look no further than STIHL OUTFITTERS™ for officially licensed caps, shirts, jackets and accessories. Order online and ship direct to your home at [STIHLdealers.com](http://STIHLdealers.com).



Actual product sold online may vary.



# INDEPENDENT WE STAND™

POWERED BY **STIHL**

## Independent We Stand

STIHL is proud to be a founding sponsor of Independent We Stand, an organization that promotes independently owned business and touts the benefits of "buying local." Since 1974, STIHL has "walked the walk" by selling its products exclusively through a network of independent servicing dealers. Stand up and become part of the movement today at [IndependentWeStand.org](http://IndependentWeStand.org).



**Real people. STIHL people.**

*"If I buy a product that works for me for years and years, obviously I'm going to keep buying the product,"* Matt says. *"The STIHL brand means quality to me."*

**Brooke and Matt Wibbenmeyer**  
**Homeowners**

# Warranties and Trademarks

Current Models	Personal, Family or Household Use	Professional Use
Battery Powered Tools (except top handle chain saws& cut-off machines)	2 years	2 years
Chain Saws (except top handle chain saws)	1 year	3 months
120 Volt Electric Chain Saws	1 year	3 months
Top handle Chain Saws	—	3 months
Cut-Off Machines, Concrete Cutter*	—	3 months
Boring Gears	2 years	2 years
Trimmers and Brushcutters, Clearing Saws, Edgers, Blowers and SR Sprayers, Hedge Trimmers, Pole Pruners, KM Series, Wet/Dry Vacuums and MM Series	2 years	2 years
SG Manual Pump Sprayers	1 year	1 year
Gearhead and Interchangeable Attachments	2 years	2 years

\*Marketed for professional use only.

## Limited Lifetime Clutch Warranty Coverage

All STIHL trimmer, brushcutter, clearing saw, HT tree pruner, KW powered sweeper, edger, KM and MM multi-tool machines, hedge trimmer, BT 45, BT 120, BT 121 and BT 130 boring gears models purchased after January 1, 2000 come with centrifugal clutch shoes that are warranted for the life of the product while owned by the original retail purchaser. For any of these products sold to retail customers after January 1, 2000, STIHL will replace any defective centrifugal clutch shoe for as long as the original purchaser owns the product. This warranty covers the cost of parts and labor to replace the clutch shoes. This warranty is limited to all uses except rental use. The lifetime warranty applies to the centrifugal clutch shoes only or the clutch assembly if the clutch shoes are an integral part of the assembly. Clutch drums, clutch springs, mounting hubs, bearings, fasteners and clutch housings are not covered under the lifetime clutch warranty policy. Lifetime warranty coverage for the centrifugal clutch is to the original retail purchaser only and is non-transferable.

## Limited Lifetime Drive Shaft Warranty Coverage

STIHL extends a limited lifetime warranty for all drive shafts used in STIHL trimmers, brushcutters, clearing saws, edgers, HT 100, HT 130, and HT 250 tree pruners (HT 73, HT 75, HT 101, HT 131 tree pruners are excluded) KW model powered sweepers, extended length HL model hedge trimmers, KM and FS split shaft STIHL KombiSystem multi-tool machines (including KM and FS attachments), and MM multi-tool machines. For any of these products sold to retail customers after July 1, 1995, STIHL will replace any defective drive shaft for as long as the original retail purchaser owns the product. This warranty covers the cost of parts and labor to replace the drive shaft. This warranty is limited to all uses except rental use. Only the machine's drive shaft carries a limited lifetime warranty. Drive shaft housings, tubes, liners, supports, couplers, bearings and bushings are subject to the normal warranty time periods of the machine. Lifetime warranty coverage for the drive shaft is to the original retail purchaser only and is non-transferable.

All STIHL products are warranted for 60 days when product is used for rental purposes.

All STIHL model PA axes, PH hedge shears, PL loppers, PP pruners and PS pruning saws are warranted against defective material or workmanship for the life of the product while owned by the original purchaser (other than for purposes of resale) when used for all applications.

**STIHL products sold through U.S. dealers are for distribution in the United States only.**



**The 2-Year Limited Warranty Coverage** for commercial users on select STIHL lawn care equipment and other select power tools for commercial users is in addition to STIHL's industry-leading, extended warranty coverage like lifetime drive-shaft coverage, lifetime clutch warranty and more. You can depend on your STIHL equipment to work as hard as you do, and for STIHL to stand behind its equipment.



## STIHL Ultra Limited Warranty - Double Your Warranty Protection

Double limited warranty protection applies to STIHL gasoline-powered products purchased for personal non-income producing, family and household purposes only. At the time of your equipment purchase, simply purchase a six-pack of STIHL HP Ultra engine oil or a six-pack of STIHL MotoMix® premixed fuel to qualify for double the limited warranty coverage. STIHL HP Ultra provides the best engine oil for improved engine longevity. Restrictions may apply. Effective date: January 1, 2014.

The following trademarks are owned by ANDREAS STIHL AG & Co. KG, Waiblingen: May 1, 2014

### STIHL's Registered Trademarks

1. STIHL®
2. STIHL®
3. 
4. The color combination ® (U.S. Registrations 2,821,860; 3,010,057; 3,010,058; 3,400,477; and 3,400,476)
5. 
6. 
7. 
8. 
9. AUTOCUT®
10. EASYSTART®
11. FARM BOSS®
12. iCademy®
13. MAGNUM®
14. MasterWrench Service®
15. MotoMix®
16. OILOMATIC®
17. ROCK BOSS®
18. STIHL Cutquik®
19. STIHL DUROMATIC®
20. STIHL Quickstop®
21. STIHL ROLLOMATIC®
22. STIHL WOOD BOSS®
23. TIMBERSPORTS®
24. WOOD BOSS®
25. YARD BOSS®

### Some of STIHL's Common Law Trademarks

26. 
27. 
28. 4-MIX®
29. BioPlus™
30. Easy2Start™
31. EasySpool™
32. ElastoStart™
33. Ematic™
34. Fix Cut™
35. HT Plus™
36. IntelliCarb™
37. Master Control Lever™
38. Micro™
39. Pro Mark™
40. Quad Power™
41. Quiet Line™
42. STIHL Arctic™
43. STIHL Compact™
44. STIHL HomeScaper Series™
45. STIHL Interchangeable Attachment Series™
46. STIHL M-Tronic™
47. STIHL MiniBoss™
48. STIHL MotoPlus 4™
49. STIHL Multi-Cut HomeScaper Series™
50. STIHL OUTFITTERS™
51. STIHL PICCO™
52. STIHL PolyCut™
53. STIHL PowerSweep™
54. STIHL Precision Series™
55. STIHL Protech™
56. STIHL RAPID™
57. STIHL SuperCut™
58. STIHL Territory™
59. TapAction™
60. TrimCut™

This listing of trademarks is subject to change. Any unauthorized use of these trademarks without the express written consent of Andreas STIHL AG & Co. KG, Waiblingen is strictly prohibited.

STIHL's philosophy is to continually improve all of its products. As a result, engineering changes and improvements are made from time to time. Specifications and photos are as of October 1, 2014, and are subject to change without notice.



# "We export power."

Tanisha Hyman – Assembly | Trimmers

Heather Jones – Assembly | Blowers

Evens "Mo" Mompremier – Packing Lead

## Built in America.\* Believing in America.

STIHL believes now, more than ever, in the productivity of America. Our team at Virginia Beach joins all the other proud U.S. manufacturers who are rebuilding our country's economy one brick, one car – and one chain saw at a time. Even better, we're the ones doing the exporting – sending STIHL products to over 90 countries around the world.

Whether it's our workers on the production floor, one of our 8,000 Dealers nationwide, or our customers who demand dependability, there is a common thread. They are real people. And they are STIHL people.

To find a Dealer: [STIHLdealers.com](http://STIHLdealers.com)  
For product information: [STIHLusa.com](http://STIHLusa.com)



\* A majority of STIHL powerheads are built in the United States from domestic and foreign parts and components. "Number one selling brand" is based on syndicated Irwin Broh Research as well as independent consumer research of 2009-2014 U.S. sales and market share data for the gasoline-powered handheld outdoor power equipment category combined sales to consumers and commercial landscapers. ©2015 STIHL Incorporated.

Built in America\*



#1 in America\*



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