

**STIHL**<sup>®</sup>



## 2018 Power Tools & Accessories



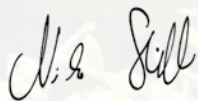
**REAL PEOPLE.  
STIHL PEOPLE.**

JEREMY HART | THIRD GENERATION LOGGER

# Made by STIHL

We're often impressed by the power and beauty of nature. But when we work outdoors, it can also be very challenging. It makes it all the better when we get that great feeling afterwards: The feeling of having achieved something. Maybe it's from cutting a hedge and seeing it gradually take shape. Maybe in the forest, a great tree falls exactly where it should, letting even more light in. Outdoor work has many such moments to offer. At STIHL, we make tools for your individual needs so you can enjoy these moments and these jobs to the fullest. Whether in your backyard or as a professional, our tools equip you perfectly for your work outdoors.

Sincerely,



Dr. Nikolas Stihl  
Chairman of STIHL Supervisory and Advisory Boards



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**“At STIHL, we make products for your individual needs.”**

– Dr. Nikolas Stihl,  
Chairman of STIHL Supervisory and Advisory Boards

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

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, 2017, and are subject to change without notice.


# 10 Reasons to Choose a Servicing Dealer



## Real People. STIHL People.

*"It is a well-made product, so when someone invests in a STIHL, it is for the long haul."*

**Jarrett and Malinda Milam**  
Dealers/Owners, M Kay Supply

Watch this video featuring the Milams' story at [bit.ly/M-Kay](https://bit.ly/M-Kay) 

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



**REASON #1**

STIHL Dealers are outdoor power equipment specialists.



**REASON #2**

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



**REASON #3**

STIHL Dealers service what they sell.



**REASON #4**

A STIHL Dealer's service department is staffed with trained technicians.



**REASON #5**

STIHL Dealers can provide operating and safety demonstrations.



**REASON #6**

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



**REASON #7**

STIHL Dealers complete your product registration for you.



**REASON #8**

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



**REASON #9**

STIHL Dealers offer a full line of protective apparel.



**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 products are built from the ground up with the highest quality standards, starting in the Tool and Die Department, where products are given their distinctive look and precision shape.



**Real People. STIHL People.**

**Mike Arnold**  
**STIHL Employee, Tool and Die Department**

For more Real STIHL stories, visit [STIHLusa.com](https://www.stihlusa.com).

YOU ENJOY  
YOU WATCH  
YOU TRAVEL

YOU RELAX **iMow™**

YOU PLAY  
YOU HAVE FUN  
YOU ENTERTAIN



**INTRODUCING**

The iMow™ Robotic Mower. **LAWN CARE MADE EASY.**

# STIHL iMow™ Robotic Mowers

Finally, the automation you've been waiting for:

## The iMow™ Robotic Lawn Mower from STIHL.

Enjoy more time relaxing and having fun while your lawn is being maintained for you. Once installed and programmed by your participating STIHL iMow™ Dealer, iMow™ cares for your lawn automatically and according to your desired mowing plan. Choose a STIHL robotic lawn mower to see the benefits for yourself.



### The RMI 422 P

**Fast and maneuverable for small lawns up to 1/4 acre.**

The RMI 422 P iMow™ is perfectly at home on small lawns, around pools and even yards with hilly terrain or a lot of corners. It can mow lawns of up to a quarter acre in just a few hours. It's particularly maneuverable and covers every last corner of your lawn, thanks to its compact dimensions and 7.8-inch cutting width.

#### Challenging Terrain?

Using its tilt sensors, iMow™ adapts its speed automatically on uphill and downhill gradients, handling slopes up to 22 degrees.



### The RMI 632 P

**High performance for large lawns up to one acre.**

The RMI 632 P iMow™ robotic lawn mower can handle large lawns of up to one acre with ease. With its powerful battery and 11-inch cutting width, it can mow up to 150 minutes per charge.

#### Removable Control Panel

The removable control panel offers easy and comfortable programming without having to bend down to reach the controls.

Model	RMI 422 P	RMI 632 P
Maximum Lawn Area (Up to Approx.)	.25 acre	1 acre
Average Mowing Duration (Per Week) <sup>1</sup>	17 hours	40 hours
Average Mowing Time (Per Battery Charge)	60 min.	150 min.
Maximum Degree of Slope	22°	24°
Cutting Height	.8 - 2.4 in.	.8 - 2.4 in.

<sup>1</sup>Under ideal conditions, based on the specified maximum lawn area.







# INTELLIGENT TRAVEL

There's a lot more to a STIHL iMow™ robotic lawn mower than you would expect.

## The iMow™ Advantages



### More Intelligence – A Mower That Thinks

iMow™ has a fully automated mowing plan tailored to your yard. It's fast and easy to use for a great looking lawn.



### Safety, Security and Theft Prevention

If someone attempts to lift or tip the iMow™, the mowing blade is designed to stop.



### Maximum Flexibility During Charging and Mowing

To cover a large area in a short time, iMow™ can recharge faster and adjust its speed to suit the mowing conditions.



### Quiet

iMow™ mows so quietly, your neighbors will hardly notice it's there. Plus, iMow™ emits no exhaust emissions while working.



### Mows Evenly Across All Areas

iMow™ can be programmed to mow a variety of yard layouts (like a front or back yard).



### Allergy Relief

iMow™ doesn't kick up dust and dirt like a traditional mower which helps provide relief for people with allergies.



### A Beautiful Lawn in Every Way

iMow™ has an edge mowing option to get a clean cut along the edges of your mowing area.



### Dealer Installation

You'll get the personal advice and professional installation you need, right from the start, from your STIHL iMow™ Dealer.

# STIHL iMow™ Robotic Mowers

YOU ENJOY  
YOU BENEFIT  
YOU PLAY  
YOU RELAX  
YOU WATCH  
YOU ENTERTAIN

# iMow™

YOU DO WHATEVER YOU WANT.

## Your STIHL iMow™ Dealer performs the installation.

No one knows your iMow™ better than an authorized STIHL iMow™ robotic lawn mower Dealer. Only they can give you the personal advice and professional installation you need, right from the start. From installation, maintenance, repairs, and annual service, your STIHL iMow™ Dealer is your main resource for all your robotic mower needs.



### Step 1:

Your STIHL iMow™ Dealer makes a layout of the area to be mowed according to your instructions.



### Step 2:

Your STIHL iMow™ Dealer lays the perimeter wire...



### Step 3:

...and puts the docking station in position.



### Step 4:

Your STIHL iMow™ Dealer reviews the programming and sets the mowing plan with you to make any necessary adjustments.

Available in select markets only.



**STIHL**<sup>®</sup>

THE POWER OF STIHL IN A  
«« **BATTERY** »»



**STIHL**  
**LIGHTNING**  
BATTERY SYSTEM™



# STIHL LIGHTNING BATTERY SYSTEM™

The STIHL Lightning Battery System™ is designed to get more out of every charge. Our AI, AK and AP series include over 25 pieces of equipment and give you multiple battery solutions. Whether you're an experienced professional or a demanding homeowner, you'll get just what you need – the power of STIHL in a battery.

## FROM THE LAB



## TO THE LAWN

# MULTIPLE SOLUTIONS

## AI SERIES

Integrated batteries make this series perfect for smaller yards and condominiums.

| INTEGRATED BATTERY |



HEDGE TRIMMER



BLOWER



TRIMMER

## AK SERIES

With multiple battery options, this series is ideal for maintaining suburban yards.

| BATTERIES | AK 10 | AK 20 | AK 30 |



HEDGE TRIMMER



BLOWER



CHAIN SAWS



TRIMMER



LAWN MOWER

## AP SERIES

More power and longer run times make this series great for a wide range of properties.

| BATTERIES | AP 100 | AP 300 | AR BACKPACKS |



HEDGE TRIMMER



BLOWERS



CHAIN SAWS



TRIMMERS



EXTENDED  
HEDGE TRIMMERS



POLE PRUNERS



LAWN MOWERS



CUT-OFF MACHINE

# STIHL LIGHTNING BATTERY SYSTEM™

MSA 120 C-BQ



AK  
SERIES

MSA 140 C-BQ

NEW



AK  
SERIES

MSA 160 C-BQ



AP  
SERIES

MSA 200 C-BQ



AP  
SERIES

OCCASIONAL USE

EXTENSIVE USE



AK  
SERIES

OCA for Toolless  
Chain Adjustment

Instant Startups



Quiet

STIHL  
OILOMATIC® Chain

## CHAIN SAWS

STIHL Lightning Battery System™ Chain Saws bring the best of both worlds to your property. First, they deliver strong, consistent performance thanks to STIHL Lithium-Ion technology. STIHL Battery-Powered Chain Saws are also quiet and start instantly with the squeeze of a trigger. It's big performance in a small, lightweight package.



OCCASIONAL USE

FSA 45



FSA 56



FSA 65



FSA 85



FSA 90 R



EXTENSIVE USE

Push-Button Shaft Adjustment (AK)

Well Balanced

Adjustable Front Handle (AK)

TapAction™ Cutting Head (AK)



# TRIMMERS

Whether you're a homeowner or a professional, you'll appreciate the power and convenience of STIHL Lightning Battery System™ Trimmers. They're great for the environment, producing zero exhaust emissions and great for your wallet, requiring nearly zero engine maintenance. STIHL Battery-Powered Trimmers are lightweight, start instantly and run quietly – ideal for noise-sensitive areas.

# STIHL LIGHTNING BATTERY SYSTEM™

BGA 45



BGA 56



BGA 85



BGA 100



OCCASIONAL USE

EXTENSIVE USE



Jet Turbine  
Style Fan

Right or Left  
Hand Use

Powerful

Adjustable  
Blower Tube



## BLOWERS

When you need to clear debris quickly, the benefits of battery power are easy to see. STIHL Lightning Battery System™ Blowers are lightweight, powerful and start instantly with the squeeze of a trigger. STIHL Battery-Powered Blowers can also be used in either your right or left hand.





Large Wrap-Around Front Handle

Rounded Ends on Cutting Blades

Double-Sided Blades

Hanging Slot for Easy Storage



# HEDGE TRIMMERS

Whether you use them daily, or just a few times a season, STIHL Lightning Battery System™ Hedge Trimmers are ready to get the job done. Just pull the trigger and you're ready to tackle overgrown hedges and shrubs. STIHL Battery-Powered Hedge Trimmers are lightweight, start instantly and deliver quiet, powerful performance.

OCCASIONAL USE

EXTENSIVE USE

HSA 45



HSA 56



HSA 66



**HLA 65** HEDGE TRIMMER



EXTENDED



**HLA 85** HEDGE TRIMMER



TELESCOPING



**HTA 65** POLE PRUNER



EXTENDED



**HTA 85** POLE PRUNER



TELESCOPING



## SPECIALTY SOLUTIONS

STIHL offers one of the largest selections of battery-powered outdoor equipment available. With a single battery, you can power a wide range of specialty equipment, including pole pruners, extended reach hedge trimmers, lawn mowers and our cut-off machine.

**RMA 460** LAWN MOWER



NEW



19" DECK

**RMA 370** LAWN MOWER



16.25" DECK

**RMA 410 C** LAWN MOWER



17.75" DECK



PROFESSIONAL SOLUTIONS

**RMA 510** LAWN MOWER



**AP**  
SERIES

21" DECK

**TSA 230** CUT-OFF MACHINE



**AP**  
SERIES

## INTEGRATED



AK 10 | AK 20 | AK 30



AP 100 | AP 300



AR 2000 | AR 3000



# STIHL BATTERIES AND CHARGERS

STIHL batteries are based on STIHL Lithium-Ion technology, hitting the sweet spot of performance and weight. They're also custom engineered by STIHL to include a host of advanced features.

They're designed to last – even after 500 charges, the battery retains over 80% capacity. Our batteries include specialized voltage monitors and temperature sensors to help ensure optimal operation and a long service life.

## QUICK CHARGE GUIDE

	CHARGERS			
	AI	AL 101	AL 300	AL 500
AI	210-300			
AK 10		80	30	30
AK 20		150	45	45
AK 30		205	60	60
AP 100		90	50	35
AP 300		250	75	35
AR 2000			250	130
AR 3000			300	160

BATTERIES

MINUTES TO FULL CHARGE

AL 101



CHARGER



AL 300 | AL 500



CHARGER



# WHAT CAN YOU DO ON A SINGLE CHARGE?

## CHAIN SAWS

AK



MSA 120 C-80



Make around 100 cuts through a 4" log.

RESULTS USING AK 20

AP



MSA 160 C-80



Make around 200 cuts through a 4" log.

RESULTS USING AP 300\*

\*AP 300 is an upgrade on some models

## TRIMMERS

AI



FSA 45

Trim 1,312 linear feet. Based on trimming 9" swath of grass

AK



FSA 56

Trim 1,640 linear feet. Based on trimming 10.5" swath of grass

RESULTS USING AK 10

AP



FSA 65

Trim 2,559 linear feet. Based on trimming 12" swath of grass

RESULTS USING AP 300\*

\*AP 300 is an upgrade on some models

## BLOWERS

AI



BGA 45

Blow 2,153 square feet.

AK



BGA 56

Blow 6,458 square feet.

RESULTS USING AK 20

AP



BGA 85

Blow 10,333 square feet.

RESULTS USING AP 300\*

\*AP 300 is an upgrade on some models

## HEDGE TRIMMERS

AI



HSA 45

Trim 262 feet. Based on trimming 18" wide hedge top

AK



HSA 56

Trim 918 feet. Based on trimming 18" wide hedge top

RESULTS USING AK 10

AP



HSA 66

Trim 1,673 feet. Based on trimming 18" wide hedge top

RESULTS USING AP 300\*

\*AP 300 is an upgrade on some models

\*Usage claim tested and verified by an independent third-party test laboratory. Run time may vary based on battery type, charge level and capacity, model, operating style and conditions.



“This blower is great! It is quiet, light and powerful. We live in a dense neighborhood, it is so nice to have tools that don’t wake up the neighbors.”


STIHL BGA 85 Battery-Powered Handheld Blower - javisrike, California

Check out this review and others on the product pages at [STIHLusa.com](https://www.stihlusa.com).



# Corded-Electric Products

## MAKE AN IMPACT ON YOUR LANDSCAPE WITHOUT THE CARBON FOOTPRINT.

STIHL electric-powered products combine 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
- 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 72



### HSE 52 Hedge Trimmer

see page 87



### HSE 70 Hedge Trimmer

see page 88



### BGE 61 Blower

see page 105



### BGE 71 Blower

see page 105







The STIHL Inc. "Caring for Nature" seal identifies its powered products and oils that are more environmentally conscious. For powered products, the seal signifies that they produce zero- or low-exhaust emissions. STIHL Inc. defines "low-exhaust emissions" as being cleaner than EPA and/or CARB exhaust emission standards. For oils, the seal means that the oils are biodegradable, degrading by 80 percent or more within 21 days.

**SE 62  
Wet/Dry  
Vacuum**

see page 114



**SE 122  
Wet/Dry  
Vacuum**

see page 114



**MSE 170 C-BQ  
Chain Saw**

see page 33



**MSE 210 C-BQ  
Chain Saw**

see page 37



**MSE 250 C-Q  
Chain Saw**

see page 39



"I have had many vacuums in the shop but nothing ever seemed to hold up ... It was well worth the extra money ... last sweeper I ever need to buy."

STIHL SE 122 Wet/Dry Vacuum - Phil268, Kentucky

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





“Do not know why I waited so long to buy a STIHL chain saw. Easy to start, idles well, great throttle response. Far and away the best saw I have ever purchased. Well worth the money.”

STIHL MS 170 Chain Saw - tjjjr, Georgia

Check out this review and others on the product pages at [STIHLusa.com](https://www.stihlusa.com).


**Choosing the STIHL brand was easy.  
Now choosing the right STIHL product is just as easy.**


Fallen Limbs, Pruning,  
Lighter Cutting

Storm Cleanup,  
Firewood Cutting

OCCASIONAL  
USE



CHAIN


MSA 120 C-BQ   
MSA 140 C-BQ 

MS 170  
MSE 170 C-BQ   
MS 171

MS 180  
MS 180 C-BE  
MS 181 C-BE

MS 211  
MS 211 C-BE

MS 150 C-E  
MS 193 C-E  
MSA 160 C-BQ   
MSA 200 C-BQ   
MS 201 C-EM

MSE 210 C-BQ   
MS 250  
MS 251  
MS 251 C-BE



Whether you are tackling fallen limbs, cutting firewood or clearing land, STIHL has the chain saw for you. The scale below summarizes the full range of chain saw offerings from STIHL allowing you to “pick your power” depending on the task at hand. Your local STIHL Servicing Dealer is familiar with local situations and can help you select the right STIHL model to meet your needs.

## Larger Woodcutting Jobs, Firewood Business

## Professional Arborists and Tree Cutting Services

# S A W S

PROFESSIONAL  
USE

MSE 250 C-Q  
MS 271  
MS 291

MS 241 C-M  
MS 261  
MS 261 C-M

MS 311  
MS 362  
MS 362 C-M  
MS 362 R C-M  
MS 391

MS 150 T-CE  
MS 193 T  
MS 201 T C-M

MS 441 C-M  
MS 441 R C-M  
MS 461  
MS 461 R

MS 661 C-M  
MS 661 R C-M  
MS 880  
MS 880 R



### Chain Saw Feature Designations:

#### C Features

- B** = QCA (Quick Chain Adjuster)
- E** = Easy2Start™
- M** = STIHL M-Tronic™
- Q** = STIHL Quickstop® Plus – an additional electronically controlled coast-down braking device featured on electric-powered and on most battery-powered chain saws.

#### 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).

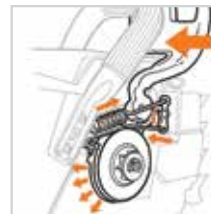
# Chain Saw Features

Our facility combines the best of computer technology with a hands-on approach to ensure when a chain saw leaves us, it's ready for you.



### Bumper Spikes

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



### STIHL Quickstop® Chain Brake System

Can be activated by inertia, designed to stop the saw chain within fractions of a second.



### Ematic™ Lubrication System

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



### Master Control Lever™

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



**Real People. STIHL People.**

**Cynthia Griffin**  
STIHL Employee, Assembly Line

For more Real STIHL stories, visit [STIHLusa.com](http://STIHLusa.com).



\*"Number one selling brand" is based on syndicated Irwin Broh Research as well as independent consumer research of 2009-2016 U.S. sales and market share data for the gasoline-powered handheld outdoor power equipment category combined sales to consumers and commercial landscapers. ©2017 STIHL

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

# Model-Specific Chain Saw Features



## Quick Chain Adjuster (B)

A toolless chain adjuster for fast and easy chain adjustment.



## STIHL Easy2Start™ (E)

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



## Anti-Vibration System

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



## STIHL Electric Motor

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



Electric- and Battery-Powered Tools



## Side-Access Chain Tensioner

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



## Pre-Separation Air Filtration System

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



## Decompression Valve

Vents compression in the cylinder for easier starting.



## STIHL Quickstop® Plus (Q)

An electronically controlled coast-down braking device designed to stop the rotating saw chain.



Electric- and Battery-Powered Tools



## STIHL ElastoStart™ Handle

Built-in shock absorber for smoother starting.



## IntelliCarb™ Compensating Carburetor

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



## Adjustable Automatic Oiler

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



## Toolless Fuel and Oil Caps

No need to use a tool as an aid in tightening and loosening.



## STIHL M-Tronic™ (M)


Microprocessor-controlled engine adjusts to compensate for changes in operating conditions, thus maintaining optimum engine performance. Check out the specifics on the engine management control system on page 40.



**Real People. STIHL People.**

*"My grandfather was a STIHL Dealer and we named my son Stihl. STIHL is a big part of my family."*

**Jeremy Hart and his son Matthew Stihl Hart  
3rd Generation Logger**

Watch this video featuring Jeremy's story at [bit.ly/jeremy-hart](https://bit.ly/jeremy-hart) 





VICTOR Z. OSEY  
LOGGING

## Homeowner Chain Saws



### GERMAN ENGINEERED. BUILT IN AMERICA.\*

If you're looking to choose a chain saw for work around the home, you've come to the right place. For one, it's hard to imagine a better selection of chain saws than STIHL, and you may be surprised to learn you can own STIHL quality for less than you think.



\*A majority of STIHL gasoline-powered units sold in the United States are built in the United States from domestic and foreign parts and components.



"I needed a lightweight economical saw for a tree removal project. The MS 170 was perfect for this. I have only had this a month but have run it through its paces and it has preformed well."

STIHL MS 170 Chain Saw - mike556, Washington

Check out this review and others on the product pages at [STIHLusa.com](https://www.stihlusa.com).

## MSA 120 C-BQ



- Lightweight and easy to use – great for yard cleanup and small trimming tasks
- Makes around 100 cuts through a 4" log on a single charge with AK 20\*\*\*
- Quick Chain Adjuster and exclusive, custom-designed 1/4" STIHL PICCO™ saw chain

Weight w/o Battery**	2.2 kg (4.8 lbs.)
Weight w/ AK 20**	3.8 kg (8.4 lbs.)
Run Time w/ AK 20	Up to 35 minutes

## NEW! MSA 140 C-BQ



- Commercial-grade, high-torque brushless motor delivers more power than the MSA 120 C-BQ when paired with the AK 30 battery
- Features STIHL Quickstop® Plus – an electronically controlled coast-down brake designed to stop the rotating saw chain
- Comes with toolless Quick Chain Adjuster and exclusive, custom-designed 1/4" STIHL PICCO™ saw chain

Weight w/o Battery**	2.2 kg (4.8 lbs.)
Weight w/ AK 30**	3.8 kg (8.4 lbs.)
Run Time w/ AK 30	Up to 45 minutes

## MS 170



- Lightweight chain saw for woodcutting tasks around the home
- IntelliCarb™ compensating carburetor helps maintain RPM level
- Anti-vibration system for more comfortable operation

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

## MSE 170 C-BQ



- Lightweight electric chain saw offers a minimal carbon footprint
- Toolless Quick Chain Adjuster provides fast and easy chain adjustment
- Features STIHL Quickstop® Plus – an electronically controlled coast-down brake designed to stop the rotating saw chain

Voltage	120 V (60 Hz)
Motor Output	1.6 kW (13.1 amps)
Powerhead Weight	3.8 kg (8.4 lbs.)



“Great for home use. I have purchased many types of chain saws and this is by far the best.”

STIHL MSE 170 C-BQ Chain Saw - Champ, Mississippi

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

## MS 171



- Side-access chain tensioner easily adjusts saw chain
- Features reduced-emission engine technology
- Lightweight chain saw for woodcutting tasks around the home

Displacement	31.8 cc (1.9 cu. in.)
Engine Power	1.3 kW (1.7 bhp)
Weight*	4.3 kg (9.5 lbs.)

\*Dry weight and powerhead only.  
 \*\*Chain saw weights include recommended bar and chain combination.  
 \*\*\*Usage claim tested and verified by an independent third-party test laboratory.  
 Run time may vary based on battery type, charge level and capacity, model, operating style and conditions.

For full specification information for all STIHL chain saws, please refer to page 172.



**Note:** STIHL recommends the use of green-labeled bars and saw chains. Refer to saw chain selection guide on page 173.

A majority of STIHL gasoline-powered units sold in the United States are built in the United States from domestic and foreign parts and components.

# Homeowner Chain Saws

## MS 180



- Lightweight, dependable chain saw for tree trimming, felling of small trees, firewood cutting and storm cleanup
- Features excellent air filtration, enhanced engine cooling and redesigned engine shroud
- IntelliCarb™ compensating carburetor helps maintain RPM level

Displacement	31.9 cc (1.94 cu. in.)
Engine Power	1.5 kW (2.0 bhp)
Weight*	4.1 kg (9.0 lbs.)

## MS 181 C-BE



- High-power, reduced-emission engine technology
- STIHL Easy2Start™ and toolless Quick Chain Adjuster make using this chain saw unbelievably easy
- Pre-separation air filtration system extends the life of the air filter up to five times over previous models

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

## MS 180 C-BE



- Designed with convenient features for ease of use
- STIHL Easy2Start™ system and toolless Quick Chain Adjuster help make it easy to get the job done
- IntelliCarb™ compensating carburetor helps maintain RPM level

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

## MS 211



- Uses advanced technology in the form of a powerful, low-emission, fuel-efficient engine
- Anti-vibration system for more comfortable operation
- IntelliCarb™ compensating carburetor helps maintain engine's correct RPM

Displacement	35.2 cc (2.15 cu. in.)
Engine Power	1.7 kW (2.3 bhp)
Weight*	4.3 kg (9.5 lbs.)



## MS 211 C-BE



- Advanced engine technology with pre-separation air filtration and the standard STIHL Quickstop® chain braking system
- Features high-power, low-emission engine and built in the USA\*\*
- STIHL Easy2Start™ and toolless Quick Chain Adjuster included

Displacement	35.2 cc (2.15 cu. in.)
Engine Power	1.7 kW (2.3 bhp)
Weight*	4.6 kg (10.1 lbs.)

\*Dry weight and powerhead only.

For full specification information for all STIHL chain saws, please refer to page 172.



**Note:** STIHL recommends the use of green-labeled bars and saw chains. Refer to saw chain selection guide on page 173.

\*\*A majority of STIHL gasoline-powered units sold in the United States are built in the United States from domestic and foreign parts and components.

## MS 250



- Features great power-to-weight ratio for quick work of firewood cutting and around-the-home tasks
- Automatic bar and chain oiler lets operator concentrate on cutting, not bar lubrication
- Includes side-access chain tensioner for easy chain adjustment

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

## MS 251 WOOD BOSS®



- Features great power-to-weight ratio for quick work of firewood cutting and around-the-home tasks
- Pre-separation air filtration system extends filter life
- Features 20% fuel savings and 50% reduced emissions as compared to previous model

Displacement	45.6 cc (2.78 cu. in.)
Engine Power	2.2 kW (3.0 bhp)
Weight*	4.9 kg (10.8 lbs.)

## MS 251 C-BE



- Features great power-to-weight ratio for quick work of firewood cutting and around-the-home tasks
- Added convenience features, like the Easy2Start™ system and Quick Chain Adjuster, make this saw easy to use
- Includes a powerful low-emission, fuel-efficient engine and a pre-separation air filtration system for long air filter life

Displacement	45.6 cc (2.78 cu. in.)
Engine Power	2.2 kW (3.0 bhp)
Weight*	5.3 kg (11.9 lbs.)



**"This saw has great capabilities. The power, the stability, just can't be beat!"**

STIHL MS 250 Chain Saw - JaimeE, New York

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

# Farm & Ranch Chain Saws

## SOME CHAIN SAWS HAVE TO WORK FOR A LIVING.

Whether on a farm. Or out on the ranch. No matter where there's work to be done, the proven dependability of a STIHL is on the job. STIHL offers a variety of high-performance chain saws that are engineered for work, day in and day out. The chain saws in the "Farm & Ranch" category are ideal for a variety of uses. One thing you can be sure of – they have what it takes to get the job done.

### MS 150 C-E



- One of the lightest gasoline-powered, rear-handle chain saws on the market
- STIHL Easy2Start™ makes starting almost effortless, eliminating need for strong pull of the starting cord
- Features fuel-efficient engine with reduced exhaust emission technology

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

### MS 193 C-E



- One of our lightest gasoline-powered, rear-handle chain saws on the market
- STIHL Easy2Start™ makes starting almost effortless, eliminating need for strong pull of the starting cord
- Professional-grade quality for mid-range use

Displacement	30.1 cc (1.8 cu. in.)
Engine Power	1.3 kW (1.74 bhp)
Weight*	3.45 kg (7.61 lbs.)

\*Dry weight and powerhead only.

\*\*Chain saw weights include recommended bar and chain combination.

\*\*\*Usage claim tested and verified by an independent third-party test laboratory. Run time may vary based on battery type, charge level and capacity, model, operating style and conditions.

### MSA 160 C-BQ



- Variable speed throttle trigger for precise control
- Cuts around 200 4" logs on a single charge with AP 300\*\*\*
- Features STIHL Quickstop® Plus – an electronically controlled coast-down brake designed to stop the rotating saw chain
- Comes with toolless Quick Chain Adjustment and exclusive, custom-designed 1/4" STIHL PICCO™ saw chain

Weight w/o Battery**	3.1 kg (6.8 lbs.)
Weight w/ AP 300**	4.9 kg (10.6 lbs.)
Run Time w/ AP 300	Up to 50 minutes

### MSA 200 C-BQ



- Innovative STIHL battery/electric motor provides more power than the MSA 160 C-BQ
- Variable speed throttle trigger for precise control
- Quick Chain Adjuster allows user to adjust chain tension without tools
- Exclusive, custom-designed 1/4" STIHL PICCO™ saw chain

Weight w/o Battery**	3.3 kg (7.3 lbs.)
Weight w/ AP 300**	5.0 kg (11.0 lbs.)
Run Time w/ AP 300	Up to 45 minutes

For full specification information for all STIHL chain saws, please refer to page 172.



**Note:** STIHL recommends the use of green-labeled bars and saw chains. Refer to saw chain selection guide on page 173.

A majority of STIHL gasoline-powered units sold in the United States are built in the United States from domestic and foreign parts and components.

STIHLusa.com

## MS 201 C-EM



- Lightweight chain saw with the STIHL Easy2Start™ system
- Proven engine technology reduces emissions by 70% and reduces fuel consumption by up to 20% compared to previous model
- Features STIHL M-Tronic™ – an intelligent engine management system

Displacement	35.2 cc (2.15 cu. in.)
Engine Power	1.8 kW (2.41 bhp)
Weight*	3.9 kg (8.6 lbs.)

## MSE 210 C-BQ



- Powerful electric chain saw that offers a minimal carbon footprint
- Toolless Quick Chain Adjuster provides fast and easy chain adjustment
- Features STIHL Quickstop® Plus – an electronically controlled coast-down brake designed to stop the rotating saw chain

Voltage	120 V (60 Hz)
Motor Output	1.8 kW (15.0 amps)
Powerhead Weight	4.2 kg (9.4 lbs.)



“The MSE 210 C-BQ has been great! The performance is way ahead of any other electric chain saw I have used. Built to last, and lets you do the job safe, yet fast.”

STIHL MSE 210 C-BQ Chain Saw - Green1, New York

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

# Farm & Ranch Chain Saws

## MS 271 FARM BOSS®



- Fuel-efficient chain saw that's built for tough jobs
- Features 20% longer run times between refueling and 50% lower emissions than previous model
- Compact, ergonomic design and advanced anti-vibration system make this saw comfortable to operate

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

## MS 311



- Advanced engine technology improves fuel efficiency by up to 20% compared to previous model
- Air filtration system offers longer run times
- Anti-vibration system helps reduce operator fatigue and provides a more comfortable working experience

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



**"Best chain saw I've ever owned, should have bought from the get go. Even the buying experience was great!"**

STIHL MS 271 FARM BOSS® - Goldendale, Washington

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

## MS 291



- Fuel-efficient engine increases run time between refuelings by 20% as compared to the previous model
- Great for felling, firewood cutting and storm cleanup operations
- Pre-separation air filtration system extends filter life

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

\*Dry weight and powerhead only.

## MS 391



- Our top-of-the-line Farm & Ranch chain saw
- Environmentally responsible advanced engine technology
- Includes side-access chain tensioner for ease of use

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



\*\*"Number one selling brand" is based on syndicated Irwin Broh Research as well as independent consumer research of 2009-2016 U.S. sales and market share data for the gasoline-powered handheld outdoor power equipment category combined sales to consumers and commercial landscapers. ©2017 STIHL

For full specification information for all STIHL chain saws, please refer to page 172.



**Note:** STIHL recommends the use of green-labeled bars and saw chains. Refer to saw chain selection guide on page 173.

A majority of STIHL gasoline-powered units sold in the United States are built in the United States from domestic and foreign parts and components.

[STIHLusa.com](http://STIHLusa.com)



## MS 241 C-M



- A compact, low-emission, professional-use chain saw
- Features STIHL M-Tronic™ – an intelligent engine management system
- Optimizes fuel mixture over whole RPM range for top performance and efficiency under varying conditions

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

## MS 261



- Pre-separation air filtration system boosts the efficiency of the engine's filter system, resulting in less frequent cleaning and maintenance
- Slimmer sprocket cover reduces wood chip clogging, limiting downtime on the job
- Advanced anti-vibration system provides comfortable operation

Displacement	50.2 cc (3.06 cu. in.)
Engine Power	3.0 kW (4.0 bhp)
Weight*	4.9 kg (10.8 lbs.)

## MSE 250 C-Q



- Professional electric chain saw with 35% more power than the previous model
- Features STIHL Quickstop® Plus – an electronically controlled coast-down brake designed to stop the rotating saw chain

Voltage	120 V (60 Hz)
Motor Output	1.8 kW (15.0 amps)
Powerhead Weight	4.2 kg (9.4 lbs.)

## MS 261 C-M



- Professional, reduced-emission chain saw with STIHL M-Tronic™, an intelligent microprocessor-controlled engine management feature
- Optimizes fuel mixture over whole RPM range for top performance and efficiency under varying conditions
- Includes side-access chain tensioner for easy chain adjustment

Displacement	50.2 cc (3.06 cu. in.)
Engine Power	3.0 kW (4.0 bhp)
Weight*	4.9 kg (10.8 lbs.)



# STIHL M-Tronic™

## AN INTELLIGENT MICROPROCESSOR-CONTROLLED ENGINE MANAGEMENT SYSTEM

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.

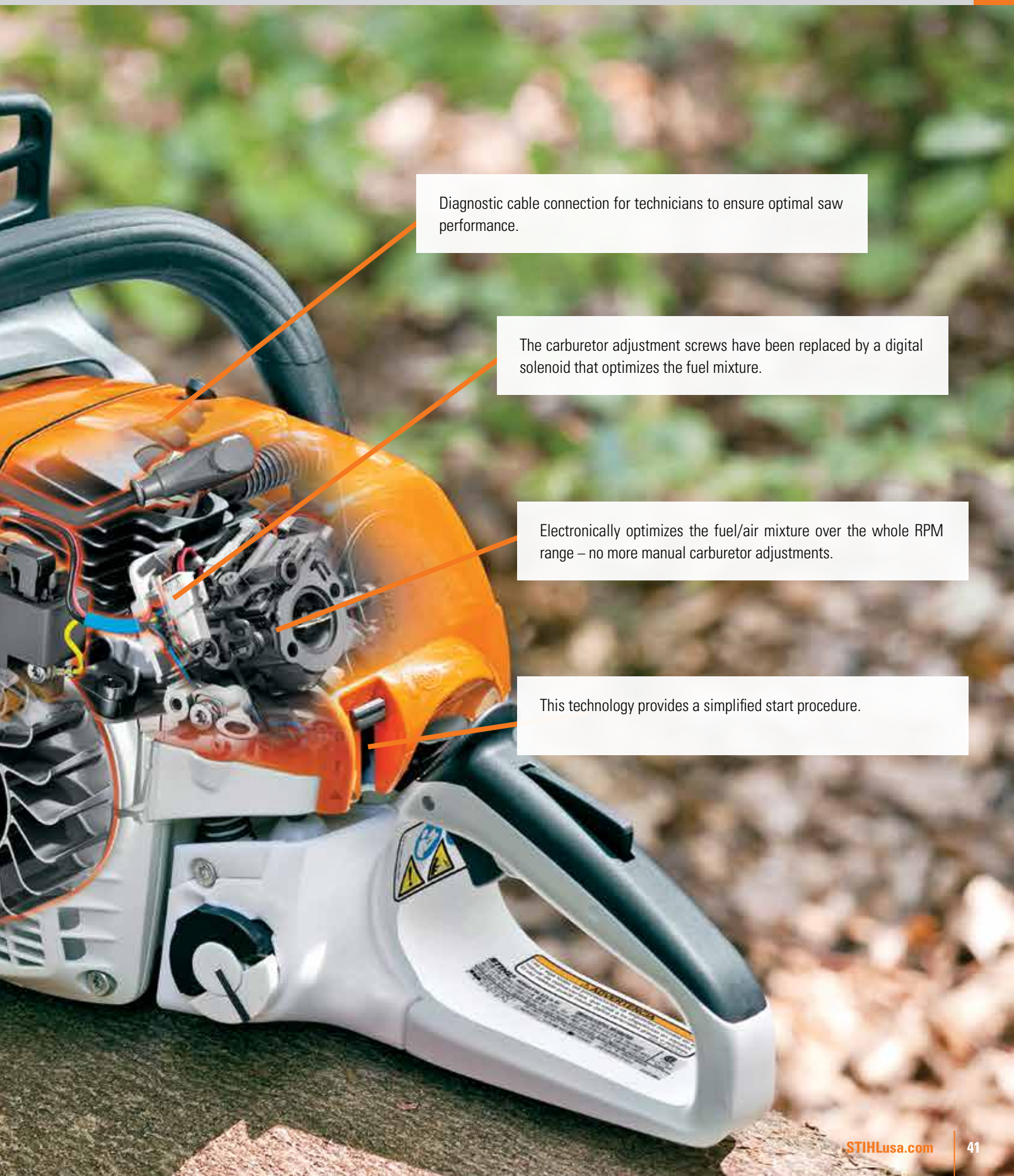
This revolutionary microprocessor-controlled technology automatically adapts to environmental factors, such as fuel quality, engine temperature, altitude and a dirty air filter, then adjusts the fuel/air mixture and engine speed, optimizing performance in a wide range of conditions.

### STIHL M-Tronic™

Watch this video on your smartphone or tablet about the innovative STIHL M-Tronic™ system.

[bit.ly/m-tronic](https://bit.ly/m-tronic) 





Diagnostic cable connection for technicians to ensure optimal saw performance.

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.

This technology provides a simplified start procedure.

# Professional Chain Saws

## MS 362



- Low-emission and fuel-efficient professional chain saw engineered to save time and money
- Pre-separation air filtration system boosts the efficiency of the engine's filter system, resulting in less frequent cleaning and maintenance
- Anti-vibration system provides comfortable operation

Displacement	59.0 cc (3.6 cu. in.)
Engine Power	3.5 kW (4.69 bhp)
Weight*	5.6 kg (12.3 lbs.)

## MS 362 C-M



- Features STIHL M-Tronic™, which compensates for changes in operating conditions, maintaining optimum engine performance
- Side-access chain tensioner makes adjusting the saw chain with a bar wrench more convenient for user
- Advanced anti-vibration system provides comfortable operation

Displacement	59.0 cc (3.6 cu. in.)
Engine Power	3.5 kW (4.69 bhp)
Weight*	5.6 kg (12.3 lbs.)

## MS 362 R C-M

- Wrap handle version available in select areas

Displacement	59.0 cc (3.6 cu. in.)
Engine Power	3.5 kW (4.69 bhp)
Weight*	6.0 kg (13.2 lbs.)

## MS 441 C-M STIHL MAGNUM®



- Hardworking professional chain saw with reduced-emission engine technology
- Features STIHL M-Tronic™ – an intelligent, microprocessor-controlled engine management system
- Optimizes fuel mixture over whole RPM range for top performance and efficiency under varying conditions

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

## MS 441 R C-M STIHL MAGNUM®

- Wrap handle version available in select areas

Displacement	70.7 cc (4.3 cu. in.)
Engine Power	4.2 kW (5.6 bhp)
Weight*	7.0 kg (15.4 lbs.)

## MS 461



- Fuel-efficient chain saw with up to 20% less fuel consumption than the previous model
- Ideal for felling, limbing and bucking larger diameter trees
- Heavy-duty HD-2 filter technology provides longer run times between filter maintenance

Displacement	76.5 cc (4.7 cu. in.)
Engine Power	4.5 kW (6.0 bhp)
Weight*	6.6 kg (14.6 lbs.)

## MS 461 R

- Wrap handle version available in select areas

Displacement	76.5 cc (4.7 cu. in.)
Engine Power	4.5 kW (6.0 bhp)
Weight*	7.1 kg (15.72 lbs.)

\*Dry weight and powerhead only.

For full specification information for all STIHL chain saws, please refer to page 172.

**Note:** STIHL recommends the use of green-labeled bars and saw chains. Refer to saw chain selection guide on page 173.

## MS 661 C-M



Shown with optional lightweight guide bar

- Fuel-efficient chain saw for the demanding professional – especially suited for use with long guide bars
- Features STIHL M-Tronic™, which compensates for changes in operating conditions, maintaining optimum engine performance
- Official chain saw of the STIHL TIMBERSPORTS® series

Displacement	91.1 cc (5.56 cu. in.)
Engine Power	5.4 kW (7.2 bhp)
Weight*	7.4 kg (16.3 lbs.)

## MS 661 R C-M

- Wrap handle version available in select areas

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

## MS 880 STIHL MAGNUM®



- The largest, most powerful professional chain saw in the STIHL line
- Includes side-access chain tensioner for easy saw chain adjustment
- Extended chip deflector helps guide chips away from the operator

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

## MS 880 R STIHL MAGNUM®

- Wrap handle version available in select areas

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








**Real People. STIHL People.**

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

**Grant Crowell**  
**Owner/CEO, The Urban Foresters**

Watch this video featuring Grant's story at [bit.ly/grant-crowell](https://bit.ly/grant-crowell) 

# Professional Tree Service Chain Saws

YOU'RE A PROFESSIONAL. YOU NEED A CHAIN SAW THAT'S LIGHTWEIGHT AND POWERFUL.

STIHL professional tree service chain saws allow you to effectively prune, trim and shape high above the ground. With a superbly balanced design, our professional tree service chain saws are ideal for in-tree work and feature a top handle (designated by the "T" in the product name).

**For In-Tree Professional Use Only.**

## MS 150 T-CE



STIHL  
Easy2Start™

- One of the lightest gasoline-powered chain saws on the market
- Features fuel-efficient engine and low-exhaust emissions
- STIHL Easy2Start™ makes starting almost effortless

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

## MS 193 T



BUILT IN  
USA

- Compact design for easy maneuverability for the professional arborist
- Low-emission engine technology with better fuel efficiency than a traditional two-cycle engine
- Includes purge pump primer for less pulling force and retractable carry ring

Displacement	30.1 cc (1.84 cu. in.)
Engine Power	1.3 kW (1.74 bhp)
Weight*	3.3 kg (7.28 lbs.)

## MS 201 T C-M



- Superior power-to-weight ratio for optimal maneuverability and performance for in-tree work
- Features STIHL M-Tronic™ – an intelligent, microprocessor-controlled engine management system
- Simplified starting procedure, which automatically moves the choke from start to run position to reduce the risk of flooding

Displacement	35.2 cc (2.15 cu. in.)
Engine Power	1.8 kW (2.41 bhp)
Weight*	3.71 kg (8.16 lbs.)



**"This is an awesome saw, with excellent power and maneuverability. I highly recommend this saw as it has totally lived up to my demanding expectations."**

STIHL MS 201 T C-M Chain Saw - JPCalifornia, California

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

\*Dry weight and powerhead only.

### IMPORTANT INFORMATION

**MS 150 T-CE, MS 193 T, MS 201 T C-M 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 trees by persons trained in special cutting and working techniques and who are properly secured (by lift buckets, ropes, safety harnesses).

For full specification information for all STIHL chain saws, please refer to page 172.




**Note:** STIHL recommends the use of green-labeled bars and saw chains. Refer to saw chain selection guide on page 173.

A majority of STIHL gasoline-powered units sold in the United States are built in the United States from domestic and foreign parts and components.

[STIHLusa.com](http://STIHLusa.com)



A man in a blue t-shirt with the STIHL logo stands in a factory with his arms crossed. He is positioned in front of a large piece of industrial machinery, which is orange and black. The background shows a busy factory floor with various equipment and an American flag. The lighting is bright, typical of an industrial setting.

The STIHL Inc. plant is a perfect example of how vertical integration works. Producing many of the components in-house that are used to build our products allows us to continually supply our own assembly lines and support just-in-time delivery.

**Real People. STIHL People.**

**Dillin Pierce**  
**STIHL Employee, Material Handler**

For more Real STIHL stories, visit [STIHLusa.com](https://www.stihlusa.com).

# Specialty Rescue Chain Saw – for Professional Use



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



“Saw is easy to start with bigger starter cord handle. Has lots of power for cutting. Would recommend this saw to any fire dept.”

STIHL MS 461 R Rescue Chain Saw - bud40, Kentucky

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

## MS 461 R Rescue



### For fire/rescue department only

- Designed specifically for fire, rescue and emergency services work
- Extra-large starting handle (for use with fire gloves)
- Adjustable Automatic Oiler allows the user to adjust the lubricant of the guide bar and saw chain for different bar lengths and cutting conditions
- IntelliCarb™ compensating carburetor helps maintain RPM level

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

### Overall Product Measurements

Length w/ 20" Bar	108.2 cm (42.6 in.)
Width	30.0 cm (11.8 in.)
Height	32.0 cm (12.6 in.)
Volume	101.2 liters (3.57 cu. ft.)

\*Dry weight and powerhead only.



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



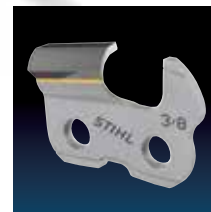
The muffler shield helps separate the hot muffler from meltable materials.



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.




**STIHL**




**Real People. STIHL People.**

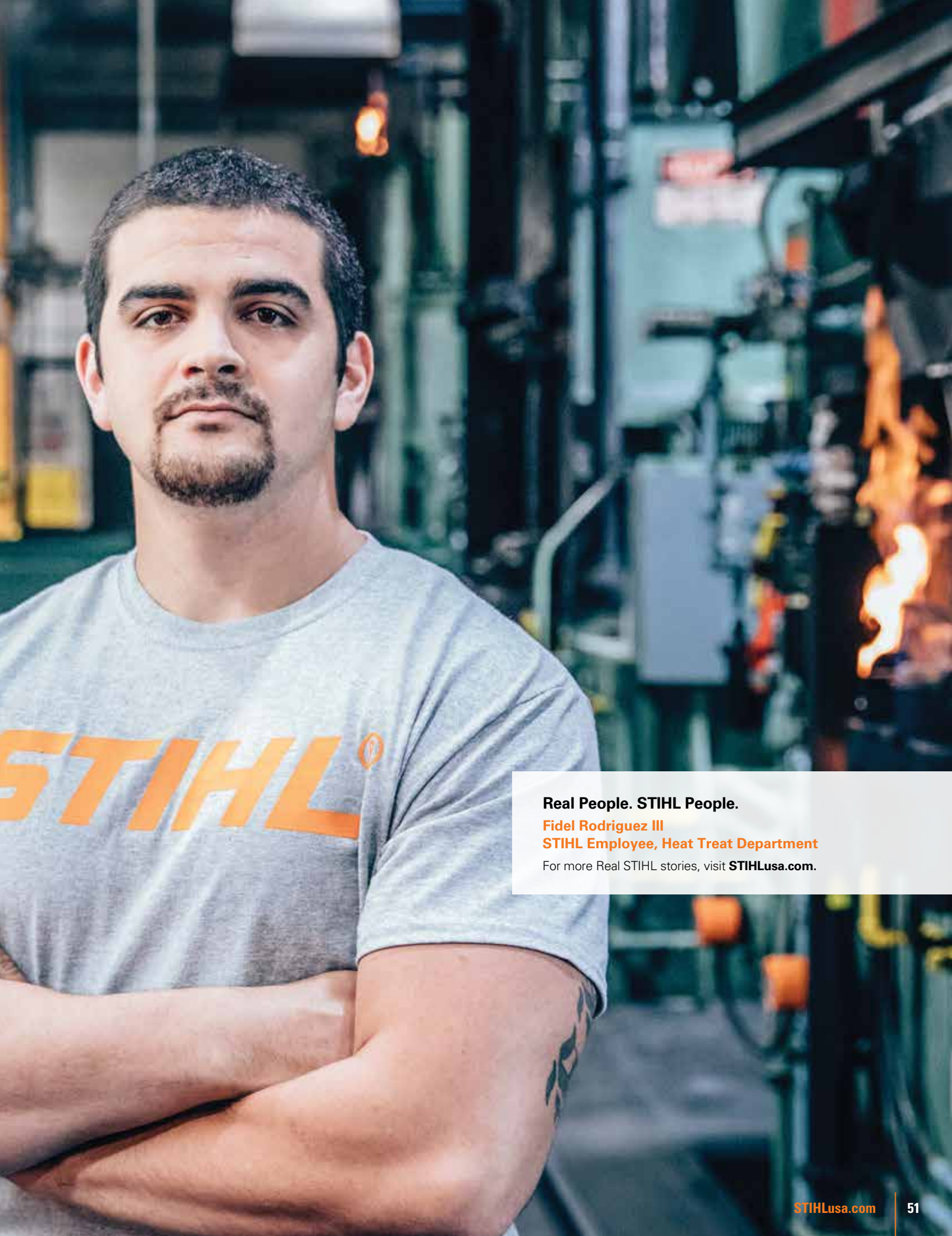
*"Today you can buy equipment everywhere. What you can't get everywhere is the service."*

**John & Jim Herbert  
Dealers/Co-Owners, Bud Herbert Motors, Inc.**

Watch this video featuring the Herberts' story at [bit.ly/bud-herbert](https://bit.ly/bud-herbert) 

A photograph of a factory interior. In the foreground on the right, a person's arm and shoulder are visible, wearing a grey t-shirt with a yellow logo. The person's arms are crossed. The background is filled with large, teal-colored industrial machinery, including what appears to be a lathe or mill. The lighting is bright and industrial. A white text box is overlaid on the left side of the image.

We manufacture two-, three- and five-piece crankshafts, critical components used across all STIHL engines. Raw forgings are run through several manufacturing processes, including heat treat, where the surfaces become carbonized and hardened, resulting in a wear-resistant surface. Our crankshafts are just one of the many examples of how STIHL ensures quality at every level.



**Real People. STIHL People.**

**Fidel Rodriguez III**  
**STIHL Employee, Heat Treat Department**

For more Real STIHL stories, visit [STIHLusa.com](https://www.stihlusa.com).

# Saw Chains and Guide Bars

WHEN YOU DEMAND A LOT FROM YOUR CHAIN SAW, HAVING THE RIGHT SAW CHAIN CAN MAKE A BIG DIFFERENCE.

STIHL manufactures its own saw chains and guide bars. 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)

OILOMATIC® STIHL PICCO™ Micro™ Mini 3 is a unique saw chain with low vibration, designed for corded electric-, battery- and gasoline-powered chain saws or pole pruners with less than 1.5 kW (2.0 bhp) of power output.

	1/4"	3/8" PICCO™	.325"	3/8"	.404"
0.043"		3610			

● Low-Kickback Chain



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

OILOMATIC® 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"
0.043"	3670				
0.050"		3636			

● Low-Kickback Chain



## OILOMATIC® STIHL PICCO™ Super (PS)

OILOMATIC® STIHL PICCO™ Super has improved cutting and boring efficiency, plus reduced vibration as compared to STIHL PICCO™ Micro™ saw chain.

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

◆ WARNING: See information on page 53.



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

OILOMATIC® STIHL PICCO™ Super 3 is a low-kickback and low-vibration saw chain with improved cutting and boring efficiency with less feed force and has a 15% longer cutting life when compared to the PM3 saw chain.

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

● Low-Kickback Chain



## OIOMATIC® STIHL RAPID™ Micro™ (RM)

OIOMATIC® 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 below.



## OIOMATIC® STIHL RAPID™ Micro™ 3 (RM3)

OIOMATIC® STIHL RAPID™ Micro™ 3 is the reduced-kickback tendency version of OIOMATIC® STIHL RAPID™ Micro™. RM3 retains performance features of the STIHL RM saw chain.

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



● **Low-Kickback Chain**



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

OIOMATIC® STIHL RAPID™ Micro™ Full Skip is the skip pattern version of the OIOMATIC® 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 at right.

## LEARN WHY STIHL PRODUCES ITS OWN SAW CHAIN

Watch this video on your smartphone or tablet to learn more.

[bit.ly/STIHL-saw-chain](http://bit.ly/STIHL-saw-chain)

STIHL recommends green-labeled low-kickback chains for all users.



## OIOMATIC® STIHL RAPID™ Super (RS)

OIOMATIC® 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 below.



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

OIOMATIC® STIHL RAPID™ Super 3 is a reduced-vibration and low-kickback tendency version of OIOMATIC® 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**



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

OIOMATIC® STIHL RAPID™ Super Full Skip is the skip pattern version of the OIOMATIC® 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 below.

◆ **WARNING:** This symbol indicates that the product has increased risk of kickback 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 173.

### 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 #

# Saw Chains and Guide Bars



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

OILOMATIC® STIHL RAPID™ Super L Full Skip is the skip pattern, square-ground chisel version of OILOMATIC® 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 on page 55.



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

OILOMATIC® STIHL RAPID™ Super Klassic has a special cutter geometry providing excellent control characteristics and very good chip flow, which helps enhance cutting efficiency.

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

◆ **WARNING:** See information on page 55.



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

The OILOMATIC® STIHL RAPID™ Super L Klassic is a variation of the Klassic full-chisel chain for special professional applications. It differs from the standard OILOMATIC® STIHL RAPID™ Super Klassic (RSK) 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 on page 55.



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

OILOMATIC® STIHL RAPID™ Super L Half Skip Klassic is the semi-skip pattern version of OILOMATIC® STIHL RAPID™ Super L Klassic (RSLK). STIHL RAPID™ Super L Half Skip Klassic alternates cutter spacing to create a chain with cutting and maintenance intensity characteristics 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 on page 55.



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

OILOMATIC® STIHL RAPID™ Super L Full Skip Klassic is the full-skip pattern version of OILOMATIC® 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"					3672
0.063"					3673

◆ **WARNING:** See information on page 55.



## OILOMATIC® 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 OILOMATIC® 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"					3612
0.058"					3665
0.063"					3666
					3667
					3681
					3683

● Low-Kickback Chain

STIHL recommends green-labeled low-kickback chains for all users.





## OILOMATIC® STIHL PICCO™ Duro 3 (PD3)

OILOMATIC® STIHL PICCO™ Duro 3 is specifically designed 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)

OILOMATIC® STIHL RAPID™ Duro Rescue 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 purpose-built for the demanding needs of fire and rescue specialists and is for use by specially trained emergency services personnel only. RDR is the recommended chain for use on the MS 461 R Rescue saws.

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



◆ WARNING: See information below.



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

The OILOMATIC® STIHL RAPID™ Micro™ Special Carving 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 at right.

## 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)

OILOMATIC® 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 below.



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

OILOMATIC® 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"					3620



◆ WARNING: See information below.

◆ WARNING: This symbol indicates that the product has increased risk of kickback 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 173.

### 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 #

# Guide Bars

## THERE'S A REASON STIHL CHAIN SAWS HAVE A LONG-STANDING REPUTATION FOR QUALITY.

It's because we take the design and construction of critical components like our guide bars very seriously. We manufacture our 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 use up to 50% less oil 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 weighs 30% less than the standard bar. Made of two steel plates that 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 is available in 12", 14" and 16" lengths. E Mini Light version is 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® E 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 weighs 30% less than STIHL ROLLOMATIC® E Super guide bar. 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 20", 25", 28", 32" and 36" 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" lengths.



### STIHL DUROMATIC® C CARVING

Available in 10" and 12" solid nose. Carving guide bar can only be used with 1/4" 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 and Chain Oil

## QUALITY FUEL SPECIALLY FORMULATED TO KEEP YOUR STIHL RUNNING STRONG.

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 emission 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

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

STIHL 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 MotoMix® Fuel Mix

STIHL MotoMix® is a patented premixed 50:1 fuel mixture, created with premium high-octane gasoline and STIHL HP Ultra Oil. MotoMix® doesn't contain ethanol and maintains stability for up to two years after the seal is broken. MotoMix® fuel is non-aromatic and the engine oil is fully synthetic. Available in 1 qt., 1/2 gal., 1 gal., 5 gal., 16 gal. and 55 gal. containers.



### BioPlus™ Bar and Chain Oil

STIHL BioPlus™ Bar and Chain 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 Platinum 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.



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

**NOTE:** STIHL recommends using 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 limited warranty.



“This is a great power-to-weight ratio saw. I’ve buried the bar in a huge ash and it buzzed right through it. The saw is actually a pleasure to cut with and is a great complement to my STIHL MS 270.”

STIHL MS 201 C-EM Chain Saw - Dick44, California

Check out this review and others on the product pages at [STIHLusa.com](https://www.stihlusa.com).



**STIHL**  
MS 201C

**WARNING**  
To tighten cap, insert with  
line at dot, turn to 50  
fold grip down flush

# Saw Chain and 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



File Holder



Depth Gauge Tool



2-in-1 Filing Guide

## LEARN HOW TO SHARPEN YOUR SAW CHAIN

Watch this video featuring the 2-in-1 Filing Guide to learn more.

[bit.ly/2-in-1-filing-guide](http://bit.ly/2-in-1-filing-guide)

## 12-Volt Portable Chain Grinder

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



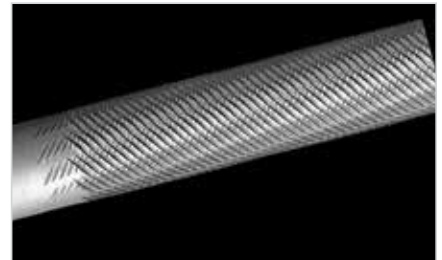
## Replacement Grinding Stones

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 chain saw files. Available in packs of threes.



## Filing Guides and Holders

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



FF 1 File Guide Holder



FG 4 Roller Filing Guide





## Felling Wedge

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".

Wedge tool pouch available.



## Bar Scabbards

STIHL scabbards accommodate a variety of chain saw bar lengths.



\*"Number one selling brand" is based on syndicated Irwin Broh Research as well as independent consumer research of 2009-2016 U.S. sales and market share data for the gasoline-powered handheld outdoor power equipment category combined sales to consumers and commercial landscapers. ©2017 STIHL

## LEARN HOW TO STORE YOUR GASOLINE-POWERED EQUIPMENT

Watch this video on your smartphone or tablet to learn about how to properly store your STIHL gasoline-powered equipment.

[bit.ly/how-to-store](http://bit.ly/how-to-store) 



## 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 C-M and wrap-handle saws.)

## Stump Vise

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










**Real People. STIHL People.**

*"Our time is very precious. I need my tools to just work. My STIHL products let me get the job done."*

**Derrick Keltner**  
**Homeowner**

Watch this video featuring Derrick's story at [bit.ly/derrick-keltner](https://bit.ly/derrick-keltner) 

Choosing the STIHL brand was easy.  
Now choosing the right STIHL product is just as easy.

Weekly Use Around  
Beds, Driveways, etc.

Larger  
Longer

OCCASIONAL  
USE

TRIM

FS 38  
FSA 45

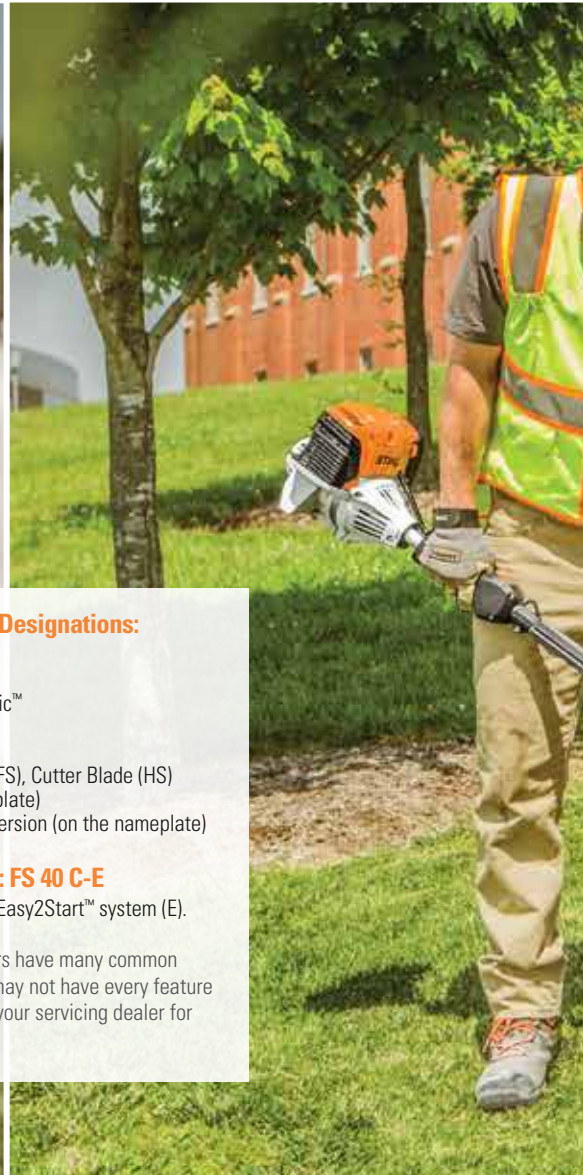
FS 40 C-E  
FS 50 C-E

FSA 56  
FS 56 C-E  
FS 56 RC-E

FSE 60  
FSA 65

FS 70 R  
FSA 85

FSA 90 R



**Trimmer Feature Designations:**

**C Features**

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

**Other Features**

- R** = Loop handle (FS), Cutter Blade (HS) (on the nameplate)
- X** = Lightweight version (on the nameplate)

**Naming Example: FS 40 C-E**

This trimmer has the Easy2Start™ system (E).

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

Whether you are trimming around your driveway, tackling your large yard and long fence lines, or working for extended periods of time, STIHL has the trimmer for you. The scale below summarizes the full range of trimmer offerings from STIHL allowing you to "pick your power" depending on the task at hand. Your local STIHL Servicing Dealer is familiar with local situations and can help you select the right STIHL model to meet your needs.

Yards,  
Fence Lines

Professional Jobs,  
Extended Trimming Times

**M E R S**

**EXTENSIVE  
USE**

FS 111 RX

FS 91  
FS 91 R  
FS 94 R

FS 111  
FS 111 R

FS 131  
FS 131 R

FS 240  
FS 240 R  
FS 311

FS 360 C-EM  
FS 460 C-EM  
FS 560 C-EM



# Trimmer and Brushcutter Features



### Purge Pump Primer

Lets you prime the carburetor without flooding it.



### Anti-Vibration System

Helps reduce operator fatigue and provides a more comfortable working experience.



### IntelliCarb™ Compensating Carburetor

Automatically compensates for reduced air flow when air filter becomes clogged.



### STIHL ElastoStart™ Starter Handle

Has a built-in shock absorber for smoother starting.

## Real people. STIHL people.

*"Before we switched to STIHL, it was a guessing game. You cannot run a landscaping business with unreliable equipment."*

**Brett Russell**  
Landscaper, Norfolk Landscaping

Watch this video featuring Brett's story at [bit.ly/brett-russell](https://bit.ly/brett-russell) ▶

## LEARN HOW TO USE AND MAINTAIN YOUR TRIMMER

The STIHL Trimmer How-To Series gives you guides and general tips on how to operate and maintain your STIHL trimmer.

[bit.ly/trimmer-how-to](https://bit.ly/trimmer-how-to) ▶



# Model-Specific Trimmer and Brushcutter Features



## 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.



## STIHL Easy2Start™ (E)

Reduces the strength and effort needed to start the engine.



## Loop Handle

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



## 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.



## Engine Stop Button

Instant push button to stop the engine.



## Adjustable Loop Handle

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



## Retaining Latch

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



## 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



## HOW TO REPLACE YOUR TRIMMER LINE

Watch for easy step-by-step instructions on replacing trimmer line on various STIHL trimmer heads.

[bit.ly/trimmer-line](https://bit.ly/trimmer-line)



“Love it. Wouldn’t buy anything but a STIHL. I’ve used other trimmers and they just don’t hold up like a STIHL product.”

STIHL FS 38 String Trimmer - Bone57, West Virginia

Check out this review and others on the product pages at [STIHLusa.com](https://www.stihlusa.com).





# Homeowner Trimmers

## YOUR BEST LINE OF DEFENSE AGAINST GRASS, WEEDS AND BRUSH.

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.



### 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 38

- Lightweight, value-priced trimmer with many reliable design features
- High cutting speed and 15" cutting width makes quick work of trimming tasks
- With TapAction™, 2-line AutoCut® head

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

### FSA 45

- Lightweight and easy-to-use string trimmer – ideally suited for small landscape grass trimming jobs
- Shaft length is easily adjustable with the press of a button to fit different users
- Mowing head can be rotated for vertical edging
- Trim 1,312 linear feet on a single charge\*\*\*

Weight w/ Integrated Battery**	2.3 kg (5.1 lbs.)
RunTime	Up to 20 minutes





FS 40 C-E



## FS 40 C-E

- Powered by a fuel-efficient, low-emission engine
- STIHL Easy2Start™ system makes starting almost effortless
- Simple and reliable starting procedure with stop switch that returns to the start position for added convenience

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



## FS 50 C-E

- More power than the FS 40 C-E and 8" longer shaft for taller users
- Compact and lightweight design with STIHL Easy2Start™ system makes starting almost effortless
- Simple and reliable starting procedure with stop switch that returns to the start position for added convenience

Displacement	27.2 cc (1.66 cu. in.)
Engine Power	0.8 kW (1.07 bhp)
Weight*	4.6 kg (10.1 lbs.)



FSA 56



## FSA 56

- AK battery power: No fuel, no cord, no exhaust emissions
- Trim 1,640 linear feet on a single charge with AK 10\*\*\*
- Excellent cutting performance, low vibration and high cutting speed allows users to complete more trimming in a short amount of time
- Shaft length is easily adjustable with the press of a button to fit different users

Weight w/o Battery**	2.5 kg (5.5 lbs.)
Weight w/ AK 10**	3.3 kg (7.3 lbs.)
Run Time w/ AK 10	17 minutes

\*Dry weight without cutting attachment or deflector.

\*\*Weight is without cutting attachment or guard.

\*\*\*Usage claim tested and verified by an independent third-party test laboratory. Run time may vary based on battery type, charge level and capacity, model, operating style and conditions.



For full specification information for all STIHL trimmers, please refer to page 181.

A majority of STIHL gasoline-powered units sold in the United States are built in the United States from domestic and foreign parts and components.

# Homeowner Trimmers



## FS 56 RC-E

- Versatile, straight-shaft trimmer comes standard with STIHL Easy2Start™
- High cutting speed and 16.5" cutting width makes quick work of trimming tasks
- Multi-function control handle provides easy access to all of the controls on one comfortable handle

Displacement	272 cc (1.66 cu. in.)
Engine Power	0.8 kW (1.07 bhp)
Weight*	4.8 kg (10.6 lbs.)

## FS 56 C-E

- Bike handle version available

Displacement	272 cc (1.66 cu. in.)
Engine Power	0.8 kW (1.07 bhp)
Weight*	5.2 kg (11.5 lbs.)



## FSE 60

- Quiet and powerful electric trimmer ideal for smaller properties
- Simple trimmer line advancement and replacement
- Includes special STIHL cord retainer and built-in hanger

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



## FSA 65

- Commercial-grade brushless motor with curved shaft and 12" cutting swath
- Low noise for quiet application
- Instant startups, just pull the trigger

Weight w/o Battery**	2.7 kg (6.0 lbs.)
Weight w/ AP 100**	3.5 kg (7.7 lbs.)
RunTime w/ AP 100	Up to 30 minutes

\*Dry weight without cutting attachment or deflector.  
\*\*Weight is without cutting attachment or guard.



For full specification information for all STIHL trimmers, please refer to page 181.

A majority of STIHL gasoline-powered units sold in the United States are built in the United States from domestic and foreign parts and components.



At STIHL, we care about quality. Every single product is started and tested before it leaves the facility.

**Real People. STIHL People.**

**Sergio Ortiz**

**STIHL Employee, Homeowner Trimmer Line Shafter**

For more Real STIHL stories, visit [STIHLusa.com](https://www.stihlusa.com).

# Professional Trimmers

## WEEDS AND BRUSH HAVE NOWHERE TO HIDE.

STIHL trimmers feature power, fuel efficiency and lasting durability – and they're 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. In short, our trimmers don't mess around.



### FS 70 R

- Straight-shaft trimmer for home, farm or professional use
- Offers a semi-automatic choke lever to help prevent flooding
- High durability forged connecting rod and 4-bearing gearbox

Displacement	27.2 cc (1.66 cu. in.)
Engine Power	0.9 kW (1.2 bhp)
Weight*	4.8 kg (10.6 lbs.)

### FSA 85

- Commercial-grade brushless motor – ideal for applications where low noise and zero exhaust emissions are required
- Variable speed trigger, 14" cutting swath
- Instant startups, just pull the trigger

Weight w/o Battery	2.8 kg (6.2 lbs.)
Weight w/ AP 300	4.5 kg (9.9 lbs.)
Run Time w/ AP 300	Up to 45 minutes

### FS 91 R

- Solid drive shaft accepts optional interchangeable attachments, granting end users flexibility on the job
- Simplified and convenient starting procedure with control handle and one-touch stop
- Reduced vibration for comfortable operation

Displacement	28.4 cc (1.73 cu. in.)
Engine Power	0.95 kW (1.27 bhp)
Weight*	5.5 kg (12.1 lbs.)

### FSA 90 R

- Commercial-grade brushless motor with straight shaft and 15" cutting swath
- Innovative control handle with ECOSPEED for variable speed control
- Comes standard with AutoCut® 25-2 head with .095 Quiet Line™

Weight w/o Battery	2.8 kg (6.2 lbs.)
Weight w/ AP 300	4.5 kg (9.9 lbs.)
Run Time w/ AP 300	Up to 30 minutes

### FS 91

- Bike handle version available

Displacement	28.4 cc (1.73 cu. in.)
Engine Power	0.95 kW (1.27 bhp)
Weight*	5.8 kg (12.8 lbs.)

\*Dry weight without cutting attachment or deflector.

For full specification information for all STIHL trimmers, please refer to page 181.

**BUILT IN USA** A majority of STIHL gasoline-powered units sold in the United States are built in the United States from domestic and foreign parts and components.



## FS 94 R

- Lightweight, fuel-efficient trimmer designed with the professional landscaper in mind
- Innovative control handle with ECOSPEED for variable speed control
- Semi-automatic choke lever for smooth starts

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

## FS 111 RX

- Designed for professional dedicated line head use
- Low vibration and quick, smooth acceleration for comfortable operation
- Large 710 cc fuel tank for 30% longer run times than previous model

Displacement	31.4 cc (1.9 cu. in.)
Engine Power	1.05 kW (1.4 bhp)
Weight*	5.0 kg (11.0 lbs.)

## FS 111 R

- Fuel-efficient loop handle trimmer for professionals
- Handles tough jobs and is powered by a low-emission engine
- Quick, smooth acceleration for comfortable operation

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

## FS 111

- Bike handle version available

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

## FS 131 R

- Heavy-duty professional trimmer with good power-to-weight ratio
- Low-emission engine with ergonomically designed loop handle
- Simplified and convenient starting procedure with new control handle and one-touch stop

Displacement	36.3 cc (2.2 cu. in.)
Engine Power	1.4 kW (1.9 bhp)
Weight*	5.5 kg (12.1 lbs.)

## FS 131

- Bike handle version available

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

\*Dry weight without cutting attachment or deflector.



Our STIHL trimmers are built with uncompromising precision and are shipped to over 9,000 independent dealers across the country – as well as, STIHL facilities around the world.



**Real People. STIHL People.**

**Reggie Holland and Tony Brehon**  
**STIHL Employees, Professional Trimmer Line Shafters**

For more Real STIHL stories, visit [STIHLusa.com](https://www.stihlusa.com).

# Professional Trimmers



## FS 240 R

- Powerful loop handle trimmer for heavy-duty applications
- Features a low-emission, fuel-efficient engine
- IntelliCarb™ compensating carburetor helps maintain engine's correct RPM

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

## FS 240

- Bike handle version available

Displacement	37.7 cc (2.3 cu. in.)
Engine Power	1.7 kW (2.3 bhp)
Weight*	6.9 kg (15.2 lbs.)

## NEW! FS 311

- Powerful and low-emission engine keeps professionals working longer with fewer refuels than previous model
- Simplified and convenient starting procedure with new control handle and one-touch stop
- Features four-point anti-vibration system for enhanced user comfort

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



# Professional Brushcutters and Forestry Clearing Saws



FS 360 C-EM



## FS 360 C-EM

- Fuel-efficient engine with reduced exhaust emissions allows the user to cut longer with fewer refuel breaks
- STIHL Easy2Start™ makes starting almost effortless
- STIHL M-Tronic™ engine management system provides optimum engine power at all times and automatically adjusts to changes in elevation, temperature and air filter cleanliness

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



## FS 460 C-EM

- Low-emission engine with ergonomically designed bike handle
- Features STIHL M-Tronic™ – an intelligent engine management system designed to deliver optimum engine power at all times
- STIHL Easy2Start™ makes starting almost effortless

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



## FS 560 C-EM

- Professional-grade clearing saw with STIHL Easy2Start™ requires minimal pulling, making starts almost effortless
- Large 33.5-oz. translucent fuel tank – 31% larger than the previous model – offers longer run times and less refueling
- Features STIHL M-Tronic™ – an intelligent engine management system

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

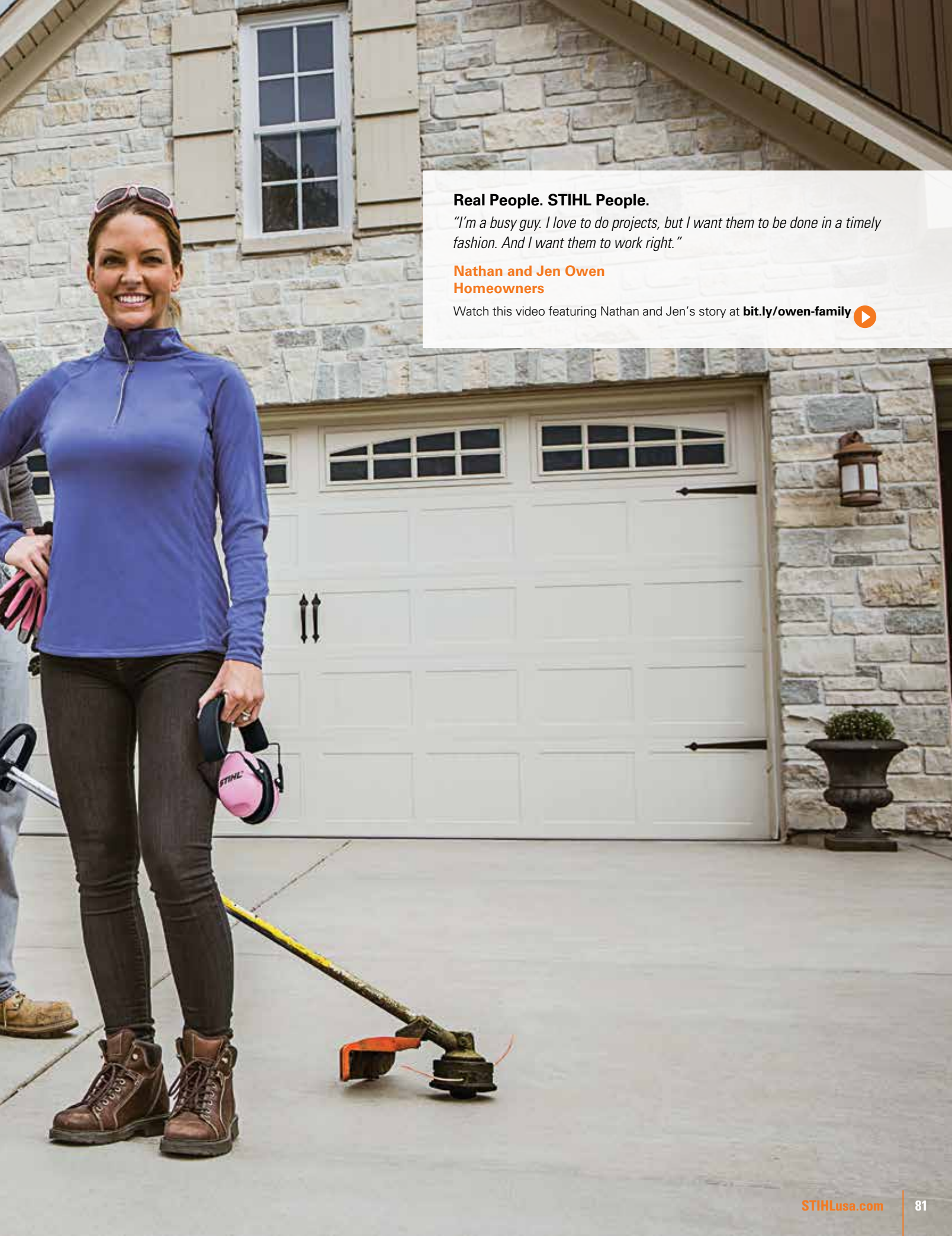
\*Dry weight without cutting attachment or deflector.



For full specification information for all STIHL trimmers, brushcutters and forestry clearing saws, please refer to page 181.

A majority of STIHL gasoline-powered units sold in the United States are built in the United States from domestic and foreign parts and components.






**Real People. STIHL People.**

*"I'm a busy guy. I love to do projects, but I want them to be done in a timely fashion. And I want them to work right."*

**Nathan and Jen Owen  
Homeowners**

Watch this video featuring Nathan and Jen's story at [bit.ly/owen-family](https://bit.ly/owen-family) 

# Trimmer Line and Accessories

We produce trimmer line for most of the STIHL trimmers in the world. In fact, each year, we produce enough trimmer line to extend from the moon and back.



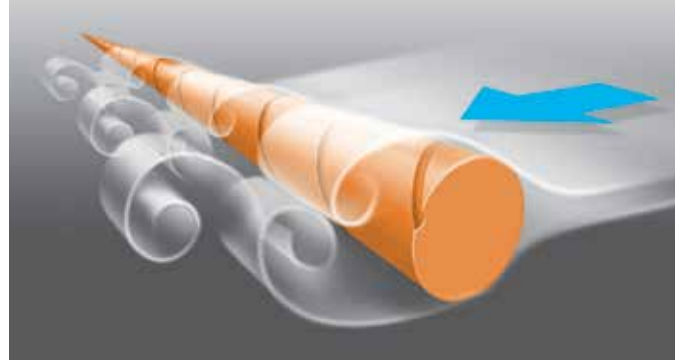
**Real People. STIHL People.**

**Thomas Engel**  
STIHL Employee, Process Engineer for Trimmer Line

For more Real STIHL stories, visit [STIHLusa.com](http://STIHLusa.com).

## STIHL Quiet Line™

Spiral grooves greatly reduce wind noise.



## 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.
- .118" (3.0 mm) dia.
- .130" (3.3 mm) dia.
- Commercial Round Line
- Commercial Square Line
- CF3-Line
- ✕ X-Line

Line Type	Color/ Diameter	22' - 65' Spools	1/2 lb.* Spool	1 lb.* Spool	3 lb.* Spool	5 lb.* Spool
Premium Round Line	● .065	●				
	● .080	●				
	● .095	●	●	●	●	●
	● .105	●	●	●	●	●
	● .118	●		●		
	● .130	●	●	●	●	●
Quiet Line™	● .065	●		●		
	● .080	●	●			
	● .095	●	●	●	●	
	● .105	●		●		
	● .155	●		●		
Commercial Round Line	● .095			●	●	●
	● .105			●	●	●
Premium Square Line	■ .095		●	●		
	■ .105		●	●		
	■ .118			●		
	■ .130			●		
Commercial Square Line	■ .095				●	●
	■ .105				●	●
Pentagon Line	◆ .095		●	●	●	●
	◆ .105		●	●	●	●
	◆ .118			●		
	◆ .130		●	●	●	●
X-Line	✕ .095			●	●	●
	✕ .105			●	●	●
DuroCut Serrated Line	⊕ .080				Packed 48 pieces per tube.	
	⊕ .120				Packed 48 pieces per tube.	
	⊕ .155				Packed 48 pieces per tube.	
CF3 Pro	■ .095		●	●		
	■ .105		●	●		
	■ .118		●	●		
	■ .130			●		

\*Approximate weight

## Deflector & Limit Stop Assemblies

Reduce the risk of injury from thrown objects and blade contact. Make sure your trimmer, brushcutter or clearing saw has the right deflector or limit stop with the cutting attachment you are using. Check your instruction manual or see your STIHL Dealer for more information.

Limit Stop



RX Deflector



High-Visibility Deflectors



Large Deflectors



## 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



# Bed Redefiner



**BUILT IN AMERICA.\*  
BELIEVING IN AMERICA.**

Watch this video to learn more.

[bit.ly/built-in-america](http://bit.ly/built-in-america)



## FB 131

### Bed Redefiner

- Designed to give bed edges a professional, manicured finish in significantly less time and with less effort than redefining bed edges with a shovel
- Simplified starting procedure with stop switch that returns to the start position for added convenience
- Professional “open” deflector design to minimize clogging, for less downtime on the job
- IntelliCarb™ compensating carburetor helps maintain RPM level

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



\*\*Dry weight.



\*A majority of STIHL gasoline-powered units sold in the United States are built in the United States from domestic and foreign parts and components.

# Battery-Powered Garden Shears



## NEW! HSA 25

### Battery-Powered Garden Shears

- Designed to perform precision trimming tasks – allows user to complete tasks faster than with manual garden shears
- Double reciprocating blades with high cutting speed allows user to effectively perform precision trimming of delicate hedges, ornamental plants and grasses with clean, efficient cuts
- Toolless interchange of attachments allows user to switch between grass and shrub blades without requiring extra equipment or parts

Weight w/o Battery*	0.6 kg (1.3 lbs.)
Weight w/ Battery*	0.8 kg (1.8 lbs.)
Run Time	Up to 110 minutes

\*Includes grass blade attachment.

### HSA 25 Carrying Kit

- Comes standard with HSA 25 and allows for neat, easy storage of complete kit in a single, portable case
- Stores HSA 25 unit, two attachments and battery charger



# Homeowner Hedge Trimmers

## POWERFUL, WELL-BALANCED TRIMMERS THAT PUT THE EDGE IN HEDGE.

There's something about the clean lines, defined edges and uniform precision of a well-trimmed hedge. And 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



- Powerful, lightweight and easy to use
- Features double-sided reciprocating blades with integrated cutter guard
- Includes D-shaped grip for comfortable operation in multiple positions

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

### HS 46 C-E



- Lightweight, easy-to-use, premium-performance hedge trimmer
- Features improved fuel efficiency as compared to previous models for longer run times
- STIHL Easy2Start™ system makes starting almost effortless

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



### HL 56 K (0°)

- Designed for homeowners or entry-level landscapers needing a hedge trimmer with extended reach and good balance
- Features 20" blade with fixed 0° angle and lighter weight durable gearbox

Displacement	27.2 cc (1.66 cu. in.)
Engine Power	0.8 kW (1.07 bhp)
Weight*	5.7 kg (12.6 lbs.)



“Bought this to trim shrubs and bushes around the house. Always starts right up. No complaints at all. Lightweight and lots of power. Love it.”

STIHL HS 46 C-E Hedge Trimmer - Jc1truck, Missouri

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

\*Dry weight.

#### 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.



A majority of STIHL gasoline-powered units sold in the United States are built in the United States from domestic and foreign parts and components.



## HSA 45



20" blade

- Lightweight and compact hedge trimmer with integrated battery system – ideal for light-duty, residential hedge trimming applications
- 20" cutting length with double-sided ground blades provide excellent cutting performance with low vibration
- Onboard hanging slot allows for easy storage

Weight w/ Integrated Battery	2.3 kg (5.1 lbs.)
RunTime	Up to 40 minutes

## HSE 52



20" blade

- A dependable, lightweight electric hedge trimmer
- Features 20" double-sided reciprocating blades for high cutting efficiency
- Two-hand control switch with loop handle and trigger interlock provides ease of use

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

## HSA 56



18" blade

- Lightweight and easy-to-use hedge trimmer – great for trimming hedges and bushes
- Instant startup, just pull the trigger
- Features double-sided STIHL blade design with blade tip protector

Weight w/o Battery	2.9 kg (6.4 lbs.)
Weight w/ AK 10	3.7 kg (8.1 lbs.)
RunTime w/ AK 10	Up to 40 minutes



# Professional Hedge Trimmers

## HS 56



24" blade

- Professional-grade ultralight hedge trimmer with reduced-emission technology
- Four-point anti-vibration system for improved operator comfort
- Double-sided blade with tip guard to help prevent damage to blade and gearbox

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

## HS 82 T



24" or 30" double-sided blade

- Offers outstanding power and handling with modern, fuel-efficient engine for longer run times
- Rear swivel handle for improved comfort at various speeds
- Lightweight and well-balanced design for all-day use

Displacement	22.7 cc (1.4 cu. in.)
Engine Power	0.7 kW (0.94 bhp)
Weight w/ 24" Blade*	5.1 kg (11.2 lbs.)
Weight w/ 30" Blade*	5.3 kg (11.7 lbs.)

## HSA 66



20" blade

- Commercial-grade brushless motor powered by a high-performance 36-volt STIHL AP Lithium-Ion battery
- Variable speed throttle trigger for precise control
- Four times quieter than gasoline-powered equivalents yet powerful enough for pros

Weight w/o Battery	3.1 kg (6.8 lbs.)
Weight w/ AP 300	4.8 kg (10.6 lbs.)
RunTime w/ AP 300	Up to 180 minutes

## HS 82 R

Displacement	22.7 cc (1.4 cu. in.)
Engine Power	0.7 kW (0.94 bhp)
Weight w/ 24" Blade*	5.4 kg (11.9 lbs.)
Weight w/ 30" Blade*	5.7 kg (12.6 lbs.)

## HS 87 T



30" or 40" single-sided blade

- Powerful professional hedge trimmer featuring a fuel-efficient, low-emission engine
- Lightweight and well-balanced design for all-day use
- Single-sided blade is specially designed for ultimate cutting control

Displacement	22.7 cc (1.4 cu. in.)
Engine Power	0.7 kW (0.94 bhp)
Weight w/ 30" Blade*	5.2 kg (11.5 lbs.)
Weight w/ 40" Blade*	5.5 kg (12.1 lbs.)

## HSE 70



24" blade

- Dependable, lightweight electric hedge trimmer with 24" blade
- Features heavy-duty gearbox and well-balanced design
- Includes large front handle for multi-position cutting and double-sided reciprocating blade

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

## HS 87 R

Displacement	22.7 cc (1.4 cu. in.)
Engine Power	0.7 kW (0.94 bhp)
Weight w/ 30" Blade*	5.5 kg (12.1 lbs.)

\*Dry weight.

### 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.



A majority of STIHL gasoline-powered units sold in the United States are built in the United States from domestic and foreign parts and components.



“The best hedge trimmer I came across ... it cuts through those branches that even the gas trimmers have a hard time with.”

STIHL HLA 85 Extended-Reach Hedge Trimmer - anotherstihluser, Washington

Check out this review and others on the product pages at [STIHLusa.com](https://www.stihlusa.com).



# Extended-Reach Hedge Trimmers



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



## HLA 65

- Features six different blade-locking positions, providing a 105° operating range
- Commercial-grade motor produces zero exhaust emissions – an excellent tool for working in noise-restricted or environmentally sensitive areas
- 20" double-sided reciprocating blades with tip protector
- Variable speed throttle trigger for precise control

Weight w/o Battery	3.4 kg (7.5 lbs.)
Weight w/ AP 300	5.2 kg (11.4 lbs.)
RunTime w/ AP 300	Up to 180 minutes

## HLA 85

- Extended-reach hedge trimmer with telescopic shaft that extends from 8.5' to 10.5'
- Powered by a high-performance brushless commercial-grade motor
- Features six different blade-locking positions, providing a 105° operating range
- Variable speed throttle trigger for precise control

Weight w/o Battery	4.0 kg (8.8 lbs.)
Weight w/ AP 300	6.1 kg (13.5 lbs.)
RunTime w/ AP 300	Up to 180 minutes

## HL 91 K (0°)

- Mid-length extended-reach hedge trimmer with powerful, fuel-efficient, low-emission engine
- Features a fixed 0° cutting head with double-side reciprocating blade and 26" shaft
- Innovative control handle with ECOSPEED for variable speed control

Displacement	24.1 cc (1.5 cu. in.)
Engine Power	0.9 kW (1.2 bhp)
Weight*	5.4 kg (11.9 lbs.)

\*Dry weight.



**"I'm a professional landscaper ... So far, I'm very happy with it ... It's incredibly quiet, the variable speed trigger is great."**

STIHL HLA 85 Extended-Reach Hedge Trimmer - EcoScaper, Oregon

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

**2**  
YEAR

**The 2-Year Limited Warranty Coverage:** For commercial users on STIHL lawn care equipment and other selected power tools for commercial users, the 2-Year Limited Warranty is in addition to STIHL's industry-leading, extended warranty coverage for the drive-shaft. 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.



### HL 94 K (145°)

- Extended-reach hedge trimmer with powerful, fuel-efficient, low-emission engine designed for professional use
- Innovative control handle with ECOSPEED for variable speed control
- Articulating 145° cutting head with 13 locking positions

Displacement	24.1 cc (1.5 cu. in.)
Engine Power	0.9 kW (1.2 bhp)
Weight*	5.8 kg (12.8 lbs.)



### HL 94 K (0°)

- Extended-reach hedge trimmer built for professional use
- Overall length of 79.5" makes easy work of trimming branches
- Features 0° fixed-angle cutting head with double-sided reciprocating blades for trimming hard-to-reach areas with greater precision

Displacement	24.1 cc (1.5 cu. in.)
Engine Power	0.9 kW (1.2 bhp)
Weight*	5.5 kg (12.1 lbs.)



### HL 94 (145°)

- Articulating 145° cutting head for multiple cutting situations with greater adjustment for tall or hard-to-reach trimming tasks
- Innovative control handle with ECOSPEED for variable speed control allows users to get the most effective throttle speed
- Overall length of 95.3" to trim hard-to-reach branches

Displacement	24.1 cc (1.5 cu. in.)
Engine Power	0.9 kW (1.2 bhp)
Weight*	6.2 kg (13.7 lbs.)



A majority of STIHL gasoline-powered units sold in the United States are built in the United States from domestic and foreign parts and components.

#### 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.





“This pole saw works great. It’s got plenty of power and starts very easy. Definitely recommend for anyone that needs one.”

STIHL HT 56 C-E Pole Pruner - CAT33809, Florida

Check out this review and others on the product pages at [STIHLusa.com](https://www.stihlusa.com).

# Homeowner and Professional Pole Pruners

## SMOOTH, PRECISE CUTTING THAT MAKES QUICK WORK OF TALL BRANCHES.

STIHL pole pruners put high trimming jobs within reach, giving you 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. STIHL pole pruners are easy to operate, easy to carry and easy to maintain. It's a win/win/win for homeowners and professionals alike.



HT 56 C-E



### HT 56 C-E

- Unique two-piece shaft design makes it easy to store and transport
- Complete with durable STIHL bar and chain for optimal cutting performance
- Powered by a low-emission, fuel-efficient engine

Displacement	27.2 cc (1.66 cu. in.)
Engine Power	0.8 kW (1.07 bhp)
Weight*	5.8 kg (12.8 lbs.)



HTA 65



### HTA 65

- Fixed-length (7' 9") battery-powered pole pruner
- Multi-function control handle allows easy access to all of the controls on one comfortable handle
- Commercial-grade brushless motor with variable speed trigger
- Features exclusive, custom-designed 1/4" STIHL PICCO™ saw chain

Weight w/o Battery	3.8 kg (8.4 lbs.)
Weight w/ AP 300	5.5 kg (12.2 lbs.)
Run Time w/ AP 300	Up to 50 minutes



HTA 85



### HTA 85

- Commercial-grade brushless motor with variable speed trigger
- Telescopes to 12' for those tall tree-trimming tasks
- Multi-function control handle makes it easier for the user to complete tasks
- Features exclusive, custom-designed 1/4" STIHL PICCO™ saw chain

Weight w/o Battery	4.9 kg (10.8 lbs.)
Weight w/ AP 300	6.6 kg (14.6 lbs.)
Run Time w/ AP 300	Up to 50 minutes





HT 103



## HT 103

- Telescoping pole reaches up to 16', ideal for trimming and pruning trees
- Anti-vibration system helps reduce operator fatigue and provides a more comfortable working experience
- Includes bar and chain oiler and side-access chain tensioner

Displacement	31.4 cc (1.9 cu. in.)
Engine Power	1.05 kW (1.4 bhp)
Weight*	7.0 kg (15.5 lbs.)



HT 132



## HT 132

- Fixed-length pole pruner ideal for trimming and pruning trees
- Reaches branches up to 10' above the ground
- Includes powerful, low-emission engine, automatic bar and chain oiler and side-access chain tensioner

Displacement	36.3 cc (2.2 cu. in.)
Engine Power	1.4 kW (1.9 bhp)
Weight*	5.1 kg (11.3 lbs.)



HT 133



## HT 133

- Telescoping pole reaches up to 16', ideal for trimming and pruning trees
- Includes powerful, low-emission engine, automatic bar and chain oiler and side-access chain tensioner
- Multi-function control handle provides easy access to all of the controls

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



HT 250



## HT 250

- Powerful fixed-length pole pruner for tough pruning jobs
- IntelliCarb™ compensating carburetor automatically adjusts fuel/air ratio to maintain engine

Displacement	40.2 cc (2.45 cu. in.)
Engine Power	1.6 kW (2.15 bhp)
Weight*	6.0 kg (13.3 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' (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.

\*Dry weight.



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# Homeowner Edger

## FOR CRISP LINES AROUND YOUR CURBS AND WALKWAYS.

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.



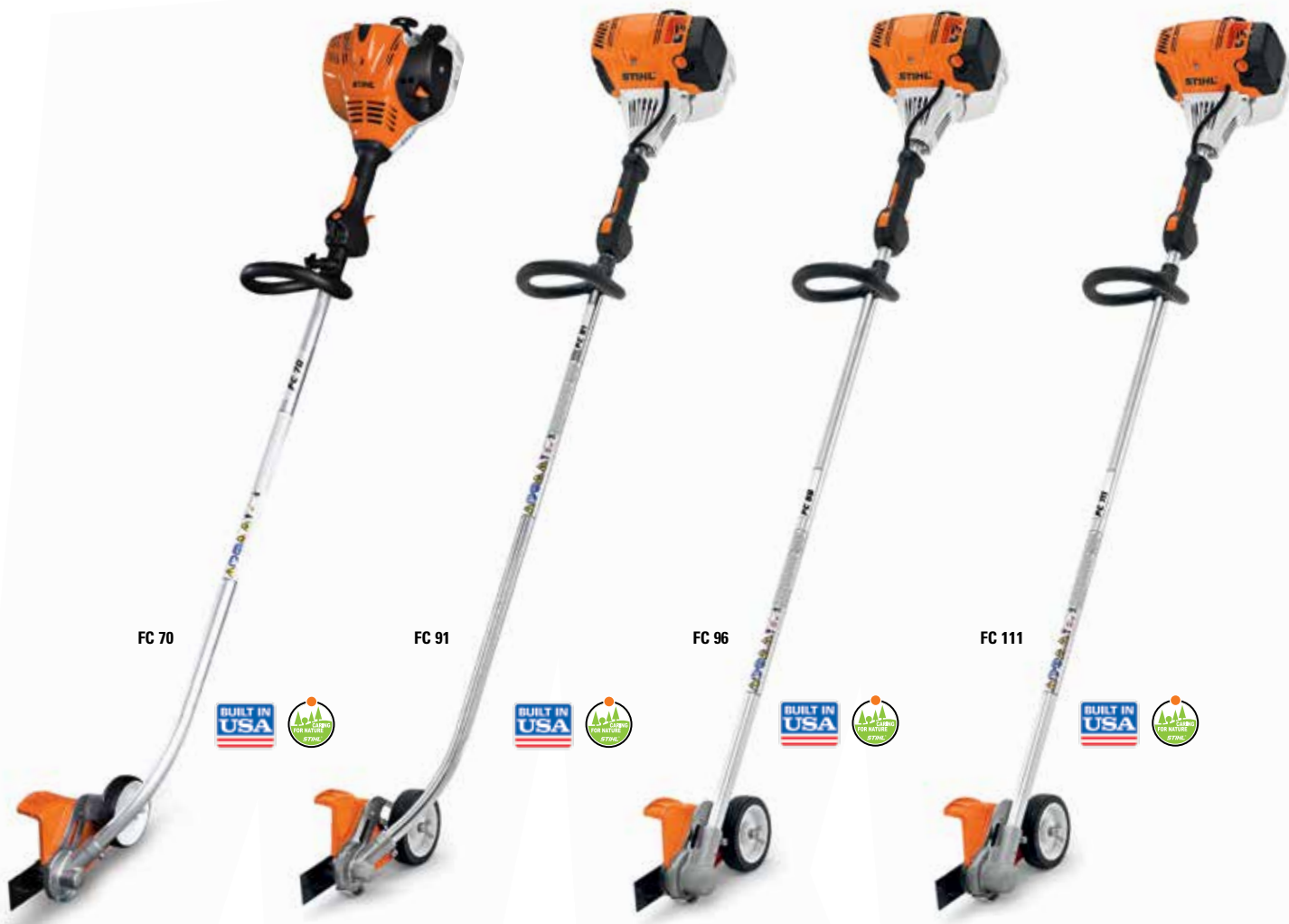
### FC 56 C-E

- Lightweight with low-emission, fuel-efficient engine
- STIHL Easy2Start™ system makes starting almost effortless
- Simple and reliable starting procedure with stop switch that returns to the start position for easier starts

Displacement	27.2 cc (1.66 cu. in.)
Engine Power	0.8 kW (1.07 bhp)
Weight*	6.1 kg (13.5 lbs.)



A majority of STIHL gasoline-powered units sold in the United States are built in the United States from domestic and foreign parts and components.



## FC 70

- Professional curved-shaft edger with a powerful, fuel-efficient, low-emission engine
- Semi-automatic choke lever helps provide smooth starts while a simplified starting procedure reduces number of steps needed
- Features excellent balance, low vibration and easy-to-adjust depth wheel

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

## FC 91

- Powerful, professional curved-shaft edger
- Simplified and convenient starting procedure with control handle and one-touch stop
- Includes heavy-duty skid plate and adjustable depth wheel

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

## FC 96

- All the hardworking features of the FC 91 in a straight-shaft design
- Professional "open" deflector design minimizes clogging
- Large 710 cc fuel tank for 30% longer run times than previous model

Displacement	28.4 cc (1.73 cu. in.)
Engine Power	0.95 kW (1.27 bhp)
Weight*	6.2 kg (13.7 lbs.)

## FC 111

- Most powerful professional straight-shaft edger with a proven, low-emission engine
- "Open" deflector design minimizes clogging, and "line of sight" marking increases accuracy
- Simplified and convenient starting procedure with new control handle and one-touch stop

Displacement	31.4 cc (1.9 cu. in.)
Engine Power	1.05 kW (1.4 bhp)
Weight*	6.2 kg (13.7 lbs.)

\*Dry weight.

### 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.





"I purchased the BG 86 on my dealer's recommendation. It's probably my most used tool for yard work needs and it's a solid performer. Starts every time and has enough power to get the job done."

STIHL BG 86 Handheld Blower - Wats, Florida

Check out this review and others on the product pages at [STIHLusa.com](https://www.stihlusa.com).

Choosing the STIHL brand was easy.  
Now choosing the right STIHL product is just as easy.

Weekly Use for  
Driveways, Decks, etc.

Larger  
Numerous

OCCASIONAL  
USE

B L O

BGA 45 

BG 50  
BGA 56   
BGE 61 

BG 56 C-E  
BGE 71   
SH 56 C-E

BG 66 L

BGA 85 

BR 200



Whether you are working around the yard, cleaning a large area or operating a professional landscape crew, STIHL has the blower for you. The scale below summarizes the full range of blower offerings from STIHL, allowing you to “pick your power” depending on the task at hand. Your local STIHL Servicing Dealer is familiar with local situations and can help you select the right STIHL model to meet your needs.

Areas,  
Trees

Professional Jobs,  
Extended Blowing Times

# W E R S

EXTENSIVE  
USE

●  
BG 86  
BG 86 C-E  
SH 86 C-E

●  
BR 350  
BGA 100 

●  
BR 430  
BR 500

●  
BR 450  
BR 450 C-EF

●  
BR 600

●  
BR 700  
BR 700 X

### Blower Feature Designation:

#### C Features

E = Easy2Start™

#### Other Features

F = Electric Start

L = Low Noise

X = Lightweight Version  
(on the nameplate)

### Naming Example: BG 86 C-E

This blower has the Easy2Start™ system (E).

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



# Handheld Blower Features



### STIHL Easy2Start™ (E)

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



### Anti-Vibration System

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



### Throttle Trigger Lock

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



### Purge Pump Primer

Enables you to prime the carburetor with fuel, allowing easier starting.



### Translucent Fuel Tank

Allows you to easily check the 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.



Electric-Powered Tools



### Control Lever

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



Electric- or Battery-Powered Tools



# Backpack Blower Features



## Simplified Starting Procedure

Dramatically reduces the number of steps required to start.



## Anti-Vibration System

Minimizes vibration levels and helps reduce operator fatigue.



## Adjustable Support Harness

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



## Translucent Fuel Tank

Allows you to easily check the fuel level before starting work.



## Telescopic Tube

Allows you to quickly adjust the length for a variety of heights and cleanup applications.



## Multi-Function Control Handle

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



## IntelliCarb™ Compensating Carburetor

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



## Wear Area Nozzle

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




## Electric Start (F)

Allows you to stop and start unit while wearing the unit on your back, saving time on the starting procedure.

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

## LEARN HOW TO USE AND MAINTAIN YOUR BLOWER

The STIHL Blower How-To Series gives you tips and general advice on how to operate and maintain your STIHL blower or shredder vac.

[bit.ly/blower-how-to](https://bit.ly/blower-how-to) 

## Homeowner Blowers and Shredder Vacs



### POWERFUL CLEARING PERFORMANCE FOR ALMOST ANY SIZE LOT.

Keep leaves, clippings and other yard debris under control with STIHL handheld blowers, backpack blowers or shredder vacs. From homeowners to professional landscapers, STIHL is the name to trust for hardworking equipment that lasts, season after season. Each model is designed for efficiency, ease of use and exceptional power. Whether you maintain a small urban lot or acres of land, there's a STIHL handheld or backpack blower ready to exceed your expectations.



**"I love this blower. Easy to use. Powerful. GREAT features."**

STIHL BGA 56 Battery-Powered Handheld Blower - Jerry41, Missouri

Check out this review and others on the product pages at [STIHLusa.com](https://www.stihlusa.com).

## BGA 45



- Lightweight handheld blower with integrated battery system – ideal for residential customers blowing smaller, urban yards
- Comes with charging cradle that charges blower while stored
- Rubberized handle provides a comfortable grip of product

Weight w/ Integrated Battery	2.0 kg (4.4 lbs.)
RunTime	Up to 10 minutes
Blowing Force**	9 N

## BG 50



- Lightest gasoline-powered handheld blower in the STIHL range and also boasts the highest power-to-weight ratio
- Purge pump primer extracts air from fuel lines and carburetor, for faster starting
- Toolless easy-access air filter allows for easy filter cleaning or replacement

Displacement	27.2 cc (1.66 cu. in.)
Engine Power	0.7 kW (0.9 bhp)
Weight*	3.6 kg (7.9 lbs.)
Blowing Force**	13 N

## BGA 56



- Lightweight handheld blower – great for quickly cleaning driveways, sidewalks and yards
- Adjustable blower tube length offers a choice of three lengths to suit the user's height
- Onboard hanging slot allows for easy storage

Weight w/o Battery	2.1 kg (4.6 lbs.)
Weight w/ AK 20	3.3 kg (7.3 lbs.)
RunTime w/ AK 20	Up to 20 minutes
Blowing Force**	10 N

\*Dry weight.

\*\*Newton is the force needed to accelerate 1 kg of mass at the rate of 1 m/sec<sup>2</sup>.

## BG 56 C-E



- Features powerful, fuel-efficient engine – great for quickly cleaning driveways, sidewalks and hard-to-reach places
- STIHL Easy2Start™ system makes starting almost effortless
- Semi-automatic choke lever makes the starting procedure intuitive
- Optional vacuum and gutter kit attachments available

Displacement	27.2 cc (1.66 cu. in.)
Engine Power	0.7 kW (0.9 bhp)
Weight*	4.2 kg (9.3 lbs.)
Blowing Force**	13 N

## BGE 61



- Powerful, quiet, easy-to-use handheld electric blower, great for quick cleanup work
- Features convenient cord-keeper system
- Optional gutter cleaning kit available

Voltage	120 V (60 Hz)
Motor Output	1.1 kW (9.2 amps)
Weight	3.1 kg (6.8 lbs.)
Blowing Force**	9 N

## BGE 71



- Powerful, quiet, easy-to-use, two-speed electric handheld blower, great for quick cleanup work
- Can be fitted with a gutter cleaning kit
- Features convenient cord-keeper system

Voltage	120 V (60 Hz)
Motor Output	1.1 kW (9.2 amps)
Weight	3.1 kg (6.8 lbs.)
Blowing Force**	9 N - Level 2



A majority of STIHL gasoline-powered units sold in the United States are built in the United States from domestic and foreign parts and components.



STIHL Inc. produces the majority of handheld blowers distributed to over 96 countries worldwide.

**Real People. STIHL People.**

**Xienna Arlanza**  
**STIHL Employee, Assembly Line**

For more Real STIHL stories, visit [STIHLusa.com](https://www.stihlusa.com).

# Homeowner Blowers and Shredder Vacs

## SH 56 C-E



- Fuel-efficient shredder vac for vacuuming and shredding yard debris around the home
- STIHL Easy2Start™ system makes starting almost effortless
- Reduces yard waste (14:1 mulching ratio for dry leaves)
- Round blower tube included for easy conversion to handheld blower

Displacement	27.2 cc (1.66 cu. in.)
Engine Power	0.7 kW (0.9 bhp)
Weight*	5.2 kg (11.5 lbs.)
Blowing Force**	13 N

## BR 200



- Simplified starting procedure for easy startup
- Compact and lightweight for improved user comfort
- Moves leaves and yard debris quickly and easily

Displacement	27.2 cc (1.66 cu. in.)
Engine Power	0.8 kW (1.07 bhp)
Weight*	5.7 kg (12.6 lbs.)
Blowing Force**	12 N

\*Dry weight.

\*\*Newton is the force needed to accelerate 1 kg of mass at the rate of 1 m/sec<sup>2</sup>.

### 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 and Shredder Vacs

## DO MORE IN LESS TIME WITH A PROFESSIONAL-GRADE STIHL BLOWER.

STIHL offers a comprehensive line of handheld blowers and backpack blowers, designed for the needs of landscaping professionals. These blowers deliver power, comfort, durability and no-fuss ease of use. STIHL blowers are also ergonomically designed to reduce vibration and increase comfort. And most importantly, they provide reliable power – a necessity when you’re using our blowers all day, every day.

### BG 66 L



- Powerful, fuel efficient and quiet – only 65 dB(A) as measured per ANSI B175.2
- Perfect for noise-sensitive areas
- Simplified starting procedure and semi-automatic choke offer smooth, easy starts with reduced chance of flooding

Displacement	27.2 cc (1.66 cu. in.)
Engine Power	0.6 kW (0.8 bhp)
Weight*	4.4 kg (9.7 lbs.)
Blowing Force**	10 N

### BGA 85



- Powered by a commercial-grade brushless motor
- Variable speed trigger allows the user to easily adjust the speed
- Powerful enough to get the job done quickly with no gradual drop in power

Weight w/o Battery	3.2 kg (7.0 lbs.)
Weight w/ AP 300	4.9 kg (10.8 lbs.)
Run Time w/ AP 300	Up to 24 minutes
Blowing Force**	10 N

### BG 86



- Powerful, professional handheld blower with fuel-efficient engine
- Features integrated throttle lock and stop switch for convenience
- Soft-grip handle and anti-vibration system
- Optional vacuum and gutter kit attachments available

Displacement	27.2 cc (1.66 cu. in.)
Engine Power	0.8 kW (1.07 bhp)
Weight*	4.4 kg (9.7 lbs.)
Blowing Force**	15 N

### BG 86 C-E



- Top-of-the-line professional handheld blower with fuel-efficient engine
- STIHL Easy2Start™ system makes starting almost effortless
- Features integrated throttle lock and stop switch for convenience
- Optional vacuum and gutter kit attachments available

Displacement	27.2 cc (1.66 cu. in.)
Engine Power	0.8 kW (1.07 bhp)
Weight*	4.5 kg (9.9 lbs.)
Blowing Force**	15 N

\*Dry weight.

\*\*Newton is the force needed to accelerate 1 kg of mass at the rate of 1 m/sec<sup>2</sup>.



For full specification information for all STIHL blowers, please refer to page 187.

A majority of STIHL gasoline-powered units sold in the United States are built in the United States from domestic and foreign parts and components.

## BGA 100



- The lightest and most powerful dedicated handheld blower in the STIHL lineup – corded electric, gasoline- or battery-powered
- Quiet STIHL handheld blower with commercial-grade, brushless motor
- Variable speed trigger with boost mode

Weight w/o Battery	2.5 kg (5.5 lbs.)
Weight w/ AR 3000	10.6 kg (23.4 lbs.)
Run Time w/ AR 3000	Up to 160 minutes
Blowing Force**	17 N - Boost Mode

## BR 350



- Powerful backpack blower at a value price, rugged enough to tackle wet, heavy leaves and lawn debris
- Provides better fuel economy and lower emissions than standard 2-stroke engines
- Simplified starting procedure for easy startup

Displacement	63.3 cc (3.86 cu. in.)
Engine Power	2.1 kW (2.8 bhp)
Weight*	10.0 kg (22.0 lbs.)
Blowing Force**	17 N

## SH 86 C-E



- Top-of-the-line, fuel-efficient handheld vacuum/shredder for professional landscapers
- STIHL Easy2Start™ system makes starting almost effortless
- Features throttle lock and anti-vibration system for easy operation
- Reduces yard waste (14:1 mulching ratio for dry leaves)
- Round blower tube included for easy conversion to handheld blower

Displacement	27.2 cc (1.66 cu. in.)
Engine Power	0.8 kW (1.07 bhp)
Weight*	5.6 kg (12.3 lbs.)
Blowing Force**	15 N



\*"Number one selling brand" is based on syndicated Irwin Broh Research as well as independent consumer research of 2009-2016 U.S. sales and market share data for the gasoline-powered handheld outdoor power equipment category combined sales to consumers and commercial landscapers. ©2017 STIHL

# Professional Backpack Blowers

## BR 430



- Delivers the fuel economy and operator comfort professionals need for tough cleanup tasks
- Dependable, powerful engine provides better fuel economy and cleaner emissions than a standard 2-stroke engine
- Anti-vibration system helps reduce operator fatigue
- Simplified starting procedure and semi-automatic choke offer smooth, easy starts with reduced chance of flooding

Displacement	63.3 cc (3.86 cu. in.)
Engine Power	2.9 kW (3.9 bhp)
Weight*	10.1 kg (22.3 lbs.)
Blowing Force**	26 N

## BR 450



- Low-emission engine boasts high-quality power, with a blowing force comparable to previous backpack blower models
- Easy-to-adjust telescopic tube and control handle to accommodate users and tasks
- Simplified starting procedure and semi-automatic choke offer smooth, easy starts with reduced chance of flooding

Displacement	63.3 cc (3.86 cu. in.)
Engine Power	2.9 kW (3.9 bhp)
Weight*	10.6 kg (23.4 lbs.)
Blowing Force**	28 N

## BR 450 C-EF



- The world's only professional backpack blower with electric start system, engages with the press of a button on the throttle so those maintaining larger properties can begin leaf cleanup quickly
- Compact and powerful, with enough blowing force for professional use
- Telescopic tube and adjustable control handle is easily configured to fit specific height and application needs

Displacement	63.3 cc (3.86 cu. in.)
Engine Power	2.9 kW (3.9 bhp)
Weight*	11.5 kg (25.4 lbs.)
Blowing Force**	28 N

### 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 ELECTRIC START

Electric start system engages with the press of a button on the throttle so those maintaining large properties can begin leaf cleanup quickly. Allows users to stop and start unit while wearing the unit on their back, saving time on starting procedure.



## BR 500



- Quiet, low-emission backpack blower – only 65 dB(A) as measured per ANSI B 175.2
- Powerful, fuel-efficient engine lets you work faster and longer
- Includes two-position adjustable blower tube and high-quality harness with dual adjustments
- Simplified starting procedure and semi-automatic choke offer smooth, easy starts with reduced chance of flooding

Displacement	64.8 cc (3.95 cu. in.)
Engine Power	2.0 kW (2.7 bhp)
Weight*	10.1 kg (22.3 lbs.)
Blowing Force**	22 N

## BR 700



- Most powerful blower in the STIHL line
- Adjustable telescopic tube to accommodate users of different heights and applications, control handle adjusts easily without tools
- Simplified starting procedure and semi-automatic choke offer smooth, easy starts with reduced chance of flooding
- Adjustable harness has comfortable, extra wide straps and back pad

Displacement	64.8 cc (3.95 cu. in.)
Engine Power	2.8 kW (3.8 bhp)
Weight*	10.6 kg (23.4 lbs.)
Blowing Force**	35 N

## BR 600



- Powerful and fuel-efficient, low-emission engine
- Three-position adjustable blower tube with increased wear area nozzle
- Includes high-quality, durable harness with dual adjustments
- Simplified starting procedure and semi-automatic choke offer smooth, easy starts with reduced chance of flooding

Displacement	64.8 cc (3.95 cu. in.)
Engine Power	2.8 kW (3.8 bhp)
Weight*	9.8 kg (21.6 lbs.)
Blowing Force**	32 N

\*Dry weight.

\*\*Newton is the force needed to accelerate 1 kg of mass at the rate of 1 m/sec<sup>2</sup>.

## NEW! BR 700 X



- One of the most powerful blowers in the STIHL range, great for heavy debris cleanup and large property maintenance
- Lighter fixed-length blower tube with extended pleated hose increases maneuverability, reducing sweeping effort, lowering operator fatigue and providing up to 20% faster cleanup time than BR 700
- Multi-function control handle allows easy access to all of the controls on one comfortable handle

Displacement	64.8 cc (3.95 cu. in.)
Engine Power	2.8 kW (3.8 bhp)
Weight*	10.4 kg (23.0 lbs.)
Blowing Force**	34 N

For full specification information for all STIHL blowers, please refer to page 187.



A majority of STIHL gasoline-powered units sold in the United States are built in the United States from domestic and foreign parts and components.

# Sprayers

## LANDSCAPING SPRAYERS DESIGNED FOR LIQUID OR GRANULAR DISPERSANTS.

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 gasoline-powered backpack sprayers deliver power, comfort and ease of use. For smaller areas that require greater accuracy and control, a STIHL manual backpack sprayer combines constant pressure and ease of use with little maintenance.



### SG 11

- Lightweight, convenient and easy to use for quick spraying tasks
- Features a translucent tank for managing liquid levels as well as a non-adjustable hollow-cone nozzle

Tank Capacity	1.5 L (0.4 gals.)
Working Pressure	29 psi +/- 10%
Weight*	0.46 kg (1.0 lbs.)



### SG 20

- Comfortable and lightweight manual backpack sprayer equipped with 4.75-gallon tank
- Pressurized fluid reservoir helps maintain constant working pressure
- Translucent tank for managing liquid levels

Tank Capacity	18.0 L (4.75 gals.)
Working Pressure	40 psi +/- 10%
Weight*	5.1 kg (11.2 lbs.)



### SG 31

- Multipurpose sprayer equipped with a 1.32-gallon tank
- Pump handle that can be locked into place for use as a carrying handle
- Sprayer wand features non-adjustable brass-cone nozzle

Tank Capacity	5.0 L (1.32 gals.)
Working Pressure	29 psi +/- 10%
Weight*	1.8 kg (4.0 lbs.)

## Sprayer Accessories

(for SR 200, SR 430 and SR 450)



### SR 430 and SR 450 Tube Extension

- Extends the spraying tube for additional reach

### Pressure Pump Kit

- Provides constant delivery rate and recirculates liquid in holding tank

### Low Volume Nozzle

- For precise metering of liquids when low flow rates are needed

\*Dry weight.



A majority of STIHL gasoline-powered units sold in the United States are built in the United States from domestic and foreign parts and components.



## SR 200

- Lightweight, fuel-efficient liquid sprayer at a value price
- Joystick-style control handle features integrated throttle control and flow control for one-handed operation
- Variable fluid discharge rate for optimal application

Displacement	27.2 cc (1.66 cu. in.)
Motor Output	0.8 kW (1.07 bhp)
Weight*	8.5 kg (18.7 lbs.)



## SR 430

- Powerful, liquid-only backpack sprayer
- Pressure pump provides a constant flow of product with no loss of pressure
- Features single-lever control with simple starting procedure

Displacement	63.3 cc (3.86 cu. in.)
Motor Output	2.9 kW (3.9 bhp)
Weight*	12.4 kg (27.3 lbs.)



## SR 450

- Powerful backpack sprayer that easily converts from liquid to granular applications
- Anti-vibration system and large comfortable straps for all-day use
- 3.7-gallon material tank for long run times

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



# Wet/Dry Vacuums

## 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 vacuum features an array of attachments to tackle your mess, whatever or wherever it may be.



### SE 62

- Rugged, powerful and quiet wet/dry vacuum
- Can be converted to a blower for additional cleaning tasks
- Includes vacuum attachments with built-in accessory storage

Suction	210 mbar (84 in H <sub>2</sub> O)
Container Capacity	25.0 L (6.6 gal.)
Weight	7.5 kg (16.5 lbs.)



### SE 122

- Quiet, professional wet/dry vacuum for the toughest jobs
- Built-in filter cleaning system for easy maintenance
- Stainless steel vacuum tubes for exceptional durability
- Full range of vacuum attachments for any job

Suction	230 mbar (91 in H <sub>2</sub> O)
Container Capacity	30.0 L (7.9 gal.)
Weight	10.0 kg (22.0 lbs.)



“This vacuum is great. It has plenty of power ... Big fan of the filter system and how easy it is to clean.”

STIHL SE 62 Wet/Dry Vacuum - daniel82, California

Check out this review and others on the product pages at [STIHLusa.com](https://www.stihlusa.com).






**Real People. STIHL People.**

*"If you have a STIHL product, you know it's reliable. You can fire it up and get the job done."*

**Jason Keeter**  
**Owner, Morgan's Corner Proving Grounds**

Watch this video featuring Jason's story at [bit.ly/morgans-corner](https://bit.ly/morgans-corner) 

# High Pressure Washers

## A CLEAN JOB NO MATTER HOW STUBBORN THE DIRT.

The powerful STIHL high-pressure washers clean up dirt in no time. Robust technology, high-quality components and comfortable equipment make cleaning almost a pleasure. Whether you need to clean your deck or your professional equipment, STIHL pressure washers are designed for convenience and durability to make your job easier and impeccable.



### RB 200

- Easy start pump system features pressure relief valve for quick, easy starting
- High-quality pump features stainless steel pistons and valves
- 25' ultra-flexible, high-quality kink-resistant hose designed for durability
- Fold down handle design allows for compact storage

Power/Displacement	3.7 kW (5.0 hp) / 173 cc (10.6 cu. in.)
Water Pressure	2,500 psi
Water Flow	520 L/h (2.3 gpm)



### RB 600

- Commercial-grade pressure washer with high-quality components for construction or other professional applications
- Premium pump components: Brass manifold design, stainless steel valves and ceramic-coated pistons
- Adjustable pressure regulator allows user to adjust pressure to match the cleaning job
- 40' durable, steel-braided hose allows user to work longer without having to relocate machine as often

Power/Displacement	5.2 kW (7.0 hp) / 208 cc (12.7 cu. in.)
Water Pressure	3,200 psi
Water Flow	680 L/h (3.0 gpm)



### RB 400 DIRT BOSS®

- STIHL DIRT BOSS® for the heavy-duty do-it-yourself or hobbyist user
- Built to last with premium pump components: Brass manifold design with stainless steel valves and ceramic-coated pistons
- Powerful, commercial-grade engine delivers optimal performance
- Easy start pump system allows for quick, easy starting – no hard pulls or difficult starting

Power/Displacement	4.8 kW (6.5 hp) / 196 cc (12.0 cu. in.)
Water Pressure	2,700 psi
Water Flow	620 L/h (2.7 gpm)



### RB 800

- The most powerful, industrial-strength pressure washer in the STIHL line – equipped to tackle heavy-duty commercial cleaning jobs
- Premium commercial-grade Triplex pump components: Brass manifold design, stainless steel valves and ceramic pistons
- Extended 50' durable, steel-braided hose limits frequency of relocating machine while working
- Dual-handle spray gun design for added control and spraying precision

Power/Displacement	10.5 kW (14.0 hp) / 429 cc (26.2 cu. in.)
Water Pressure	4,200 psi
Water Flow	910 L/h (4.0 gpm)

Model	Displacement	Engine Power	Fuel Capacity	Water Pressure	Water Flow	Cleaning Units	Hose Length	Pump Pistons
<b>Pressure Washers</b>								
RB 200	173 cc (10.6 cu. in.)	3.7 kw (5.0 hp)	1.4 L (1.5 qt.)	2,500 psi	520 L/h (2.3 gpm)	5,750	25'	Stainless Steel
RB 400 DIRT BOSS®	196 cc (12.0 cu. in.)	4.8 kw (6.5 hp)	3.6 L (3.8 qt.)	2,700 psi	620 L/h (2.7 gpm)	7,290	25'	Ceramic Coated
RB 600	208 cc (12.7 cu. in.)	5.2 kw (7.0 hp)	4.0 L (4.2 qt.)	3,200 psi	680 L/h (3.0 gpm)	9,600	40'	Ceramic Coated
RB 800	429 cc (26.2 cu. in.)	10.5 kw (14.0 hp)	7.0 L (7.4 qt.)	4,200 psi	910 L/h (4.0 gpm)	16,800	50'	Ceramic

Note: Specifications are as of October 1, 2017. For most recent updates, visit [STIHLusa.com](http://STIHLusa.com).



# Pressure Washer Accessories



**Rotating Nozzle 3000 psi**  
Rotating zero-degree nozzle for aggressive cleaning of stubborn stains. For RB 200 and RB 400 only.



**Rotating Nozzle 5100 psi**  
Rotating zero-degree nozzle for aggressive cleaning of stubborn stains. For RB 600 and RB 800 only.



**Multi-Function Nozzle**  
Features six spray patterns: 0°, 15°, 25°, 40°, soap and rinse all in one nozzle. For all models.



**Long-Range Detergent Nozzle**  
Allows application of detergent to hard-to-reach levels. For all models.



**Water Broom**  
Wash large surfaces like decks, sidewalks and driveways quickly with this attachment. For all models.



**Rotary Surface Cleaner**  
Quick and easy cleanup for large surfaces. Ideal for sidewalks and driveways. For all models.



**Gutter Cleaner**  
Gutter cleaner allows you to clean the inside of a gutter from the ground. For all models.



**Pivot Coupler**  
Adjusts to three different angles for hard-to-reach areas. For all models.



**25' High-Pressure Hose Extension**  
Ultra-flexible high-pressure hose is easy to coil and resists tangling. It can be used as a replacement or extension hose. For RB 200 and RB 400 only.



**50' High-Pressure Hose Extension**  
Steel-braided high-pressure hose extension can be used as a replacement or as an extension hose. For RB 600 and RB 800 only.

	Connector	Fits Model(s)	Part Number
<b>Pressure Washer Accessories</b>			
25 ft. High Pressure Hose Extension	M22	RB 200, 400	4925 500 0807
40 ft. High Pressure Hose Extension	QC	RB 600	4925 500 0811
50 ft. High Pressure Hose Extension	QC	RB 600, 800	4925 500 0809
High Pressure Spray Gun	M22	RB 200, 400	4789 500 1300
High Pressure Spray Gun w/Grip	QC	RB 600, 800	4791 500 1300
19.75 in. Spray Lance	QC	RB 200, 400, 600	4915 500 0938
34 in. Spray Lance	QC	RB 200, 400, 600, 800	4915 500 0943
48 in. Spray Lance Extension	QC	RB 200, 400, 600, 800	4915 500 0300
Spray Lance Coupler	QC	RB 200, 400, 600, 800	4900 500 6704
Pivot Coupler	QC	RB 200, 400, 600, 800	4900 500 6700
2.7" Detergent Nozzles (3-Pack - 15°, 25°, 65°)		RB 200	4789 007 1000
3.0" Detergent Nozzles (5-Pack - 0°, 15°, 25°, 40°, 65°)		RB 400	4790 007 1000
3.3" Detergent Nozzles (5-Pack - 0°, 15°, 25°, 40°, 65°)		RB 600	4791 007 1000
3.7" Detergent Nozzles (5-Pack - 0°, 15°, 25°, 40°, 65°)		RB 800	4792 007 1000
Long Range Detergent Nozzle		RB 200, 400, 600, 800	4900 502 1023
Multi-Function Nozzle (6 Patterns, 4,200 PSI)	QC	RB 200, 400, 600, 800	4900 502 1022
Rotating Nozzle (3,000 PSI)	QC	RB 200, 400	4900 500 1646
Rotating Nozzle (5,100 PSI)	QC	RB 600, 800	4900 500 1642
Gutter Cleaner	QC	RB 200, 400, 600, 800	4789 007 1008
Water Broom	QC	RB 200, 400, 600, 800	4789 500 3900
Rotary Surface Cleaner	QC	RB 200, 400, 600, 800	4900 500 3904
All-Purpose Cleaner	-	RB 200, 400, 600, 800	0797 010 2057
Deck and House Wash	-	RB 200, 400, 600, 800	0797 010 2059
Heavy Duty Degreaser	-	RB 200, 400, 600, 800	0797 010 2060
30W Non-Detergent Pump Oil, 1 L	-	RB 400, 600, 800	0797 210 3006
10W/30 Engine Oil	-	RB 200, 400, 600, 800	7010 319 0000
Winterization Kit	-	RB 200, 400, 600, 800	0797 010 2058



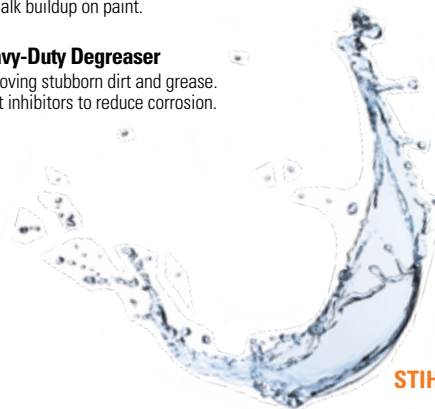
**All Purpose Cleaner**  
Biodegradable wash that is hardwater-stable to prevent spotting.

**Deck & House Wash**  
Biodegradable wash that is safe for plants. Ideal for removing mildew stains and chalk buildup on paint.

**Heavy-Duty Degreaser**  
Ideal for removing stubborn dirt and grease. Contains rust inhibitors to reduce corrosion.



**Aluminum 48" Spray Lance Extension**  
Add an extra 4' of reach with this lightweight aluminum spray lance. For all models.



# About the STIHL KombiSystem

## DIVIDE AND CONQUER. THAT'S THE PHILOSOPHY BEHIND THE STIHL KOMBISYSTEM.

This versatile landscaping system includes a powerful STIHL KombiMotor and a full line of STIHL KombiSystem attachments. Together, they give homeowners and landscaping professionals the ability to tackle a range of outdoor tasks without loading the truck or garage with a pile of power tools. And with only one engine to fuel and maintain, you save big on fuel and servicing costs. And saving big is our favorite kind of saving.



\*Not for use with STIHL KM 56 RC-E.  
\*\*Not for use with STIHL KM 131 R.



A majority of STIHL gasoline-powered units sold in the United States are built in the United States from domestic and foreign parts and components.

[STIHLusa.com](http://STIHLusa.com)



“I love all of the attachments. Having one power head and six attachments makes life easier and only one fuel tank to deal with.”

STIHL KM 131 R KombiMotor - Carl6211, Florida

Check out this review and others on the product pages at [STIHLusa.com](https://www.stihlusa.com).



# STIHL KombiMotors

## SWITCHABLE ATTACHMENT SYSTEMS THAT OFFER ENDLESS JOB VARIETY.

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. This system not only saves on storage space, it eliminates the additional fuel cost, maintenance and headache that comes with owning a fleet of yard tools. Best of all, the STIHL KombiSystem is lightweight and comfortable to use, making it the ultimate portable powerhouse.



### KM 56 RC-E

- Multi-tasking power head features a low-emission engine that delivers both power and fuel efficiency
- STIHL Easy2Start™ system makes starting almost effortless

Displacement	27.2 cc (1.66 cu. in.)
Engine Power	0.8 kW (1.07 bhp)
Weight*	4.3 kg (9.5 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.

### KM 91 R

- Versatile low-emission KombiMotor has more than enough power for professional applications
- Large 710 cc fuel tank for 30% longer run times than previous model
- Anti-vibration system helps reduce operator fatigue, providing a more comfortable working experience

Displacement	28.4 cc (1.73 cu. in.)
Engine Power	0.95 kW (1.27 bhp)
Weight*	4.4 kg (9.7 lbs.)

### KM 94 R

- Professional-grade motor featuring a low-emission, 2-stroke engine
- Lightest model in the STIHL KombiSystem lineup, weighing in at a mere 8.8 lbs.
- Innovative ECOSPEED throttle set wheel allows you to set the throttle speed

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

### KM 111 R

- Professional-grade KombiMotor features a powerful, low-emission engine perfect for extended use on tough landscaping jobs
- Simplified and convenient starting procedure with control handle and one-touch stop
- Quick-release coupling system makes it easy to switch between KombiSystem attachments

Displacement	31.4 cc (1.9 cu. in.)
Engine Power	1.05 kW (1.4 bhp)
Weight*	4.4 kg (9.7 lbs.)

### KM 131 R

- Most powerful KombiMotor, 33% more engine power than the KM 111 R
- IntelliCarb™ compensating carburetor automatically adjusts fuel/air ratio to maintain engine rpm
- Vertical pleated air filter for better filtration and extended service life

Displacement	36.3 cc (2.2 cu. in.)
Engine Power	1.4 kW (1.9 bhp)
Weight*	4.4 kg (9.7 lbs.)

\*Dry weight and powerhead only.



A majority of STIHL gasoline-powered units sold in the United States are built in the United States from domestic and foreign parts and components.

STIHLusa.com



"Starts right up every time, will idle all day long. Has more than enough power, never bogs down no matter how thick the brush. Easy to change attachments ... would recommend to everyone."

STIHL KM 91 R KombiMotor - Hummer3, Pennsylvania

Check out this review and others on the product pages at [STIHLusa.com](https://www.stihlusa.com).

# KombiSystem Attachments



## HL-KM 0°

**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 131 R.



## HL-KM 145°

**Adjustable Hedge Trimmer Attachment**  
Innovative locking design adjusts, allowing cuts 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 145°

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





## BF-KM

**Mini-Cultivator Attachment**  
This 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.



**Optional HT-KM Shaft Extension**  
When tall branches and shrubs are out of reach, this shaft extension extends the reach of your cutting attachments. Not shown.



## 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.



## 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 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	Brushcutter with 4-Tooth Grass Blade	1.2 kg (2.6 lbs.) <sup>3</sup>
FS-KM	Line 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	145° Adj. Power Scythe	2.1 kg (4.7 lbs.)
HL-KM	0° Straight Hedge Trimmer	1.6 kg (3.5 lbs.)
HL-KM	145° Adj. Hedge Trimmer	2.3 kg (5.1 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:** Weights shown are for attachments only. For powerhead weights, refer to charts on page 122.  
**Note:** Specifications are as of October 1, 2017. For most recent updates, visit [STIHLusa.com](http://STIHLusa.com).



## FBD-KM

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



Not for use with KM 56 RC-E.



# STIHL YARD BOSS®

## MASTER YOUR OUTDOOR DOMAIN.

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.



### MM 55

- Cultivate, then alternate, with easy-to-switch attachments (sold separately)
- Trim, edge, aerate, clean up and more
- Folds up to save storage space

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

### MM 55 C-E

- Features STIHL Easy2Start™ making starting almost effortless

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



“This is the best piece of lawn and garden equipment I have ever owned. I use it all the time, and it has never failed to start or run.”

STIHL YARD BOSS® - DrewM, Ohio

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

## ONE TOOL – MULTIPLE ATTACHMENTS

Watch this video on your smartphone or tablet and see the STIHL YARD BOSS® in action.

[bit.ly/yard-boss](http://bit.ly/yard-boss) 

\*Dry weight and powerhead/handles only.

### 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.



A majority of STIHL gasoline-powered units sold in the United States are built in the United States from domestic and foreign parts and components.

[STIHLusa.com](http://STIHLusa.com)



# STIHL YARD BOSS® Attachments and Accessories



## RL-MM

### Lawn Aerator Attachment

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

### Lawn Dethatcher Attachment

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 Attachment

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 Attachment

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 Attachment

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™ Attachment

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 Attachment

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 YARD BOSS® 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.



# Pruning Saws

## QUALITY AND PRECISION IN THE PALM OF YOUR HAND.

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.

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



### PS 10

#### Folding Saw

This folding pruning saw features a 6" blade with a hard, chrome-plated finish, and cuts branches up to 2" in diameter, all in a convenient folding design.



### PS 60

#### Pruning Saw

With a 9.5" fixed blade, this model is made to take on dense or frozen limbs up to 3" in diameter, and stays sharp longer than conventional teeth.

**NOTE:**  
Plastic sheath is included.



### PS 80

#### Arboriculture Saw

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

**NOTE:**  
Plastic sheath is included.



### PS 30

#### Folding Saw

A curved 7" tapered ground blade improves precision and reduces pinching for branches up to 2" in diameter with a folding-blade design.



### PS 70

#### Arboriculture Saw

The "value" choice when one tool has to do it all. Has 13" chemical nickel blade and rubberized polymer grip. Recommended for branches up to 4" in diameter.



### PS 90

#### Arboriculture Saw

This fixed-blade arboriculture saw for professionals features a 13" blade and is recommended for branches up to 4" in diameter.

**NOTE:**  
Plastic sheath is included.



### 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 2.5" in diameter.



### PS 75

#### Arboriculture Saw

A high-quality 13" arboriculture saw attachment for the PP 600, PP 800 or PP 900 telescoping pole pruner.



### Sharpening File

Sharpening File for pruning saws.

	PS 10	PS 30	PS 40	PS 60	PS 70	PS 90
<b>Pruning Saws</b>						
<b>Cutting Capacity</b>	2.0"	2.0"	2.5"	3.0"	4.0"	4.0"
<b>Blade Length</b>	6.0"	7.0"	7.0"	9.5"	13.0"	13.0"
<b>Blade Style</b>	Folding	Folding	Fixed	Fixed	Fixed	Fixed
<b>Blade Shape</b>	Straight	Curved	Straight	Straight	Curved	Curved
<b>Blade Finish</b>	CP	CP	CP/IH	CP/IH	CN	CP/IH
<b>Resharpenable Blade</b>	Yes	Yes	No	No	Yes	No
<b>Overall Length</b>	13.7"	14.8"	13.2"	16.0"	20.5"	19.0"

CP = Hard Chrome-Plated CN = Chemical Nickel IH = Impulse-Hardened Teeth

# Pole Pruners and Saws

## DON'T LET BRANCHES PUT A BIG DAMPER ON YOUR DAY.

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 steel blades that can be sharpened or replaced, and strong lightweight handles that can help you reach limbs up to 18' above ground.



Lopper

PS 75

PS 80

**NOTE:** Saw heads and lopper attachments are sold separately.

**NOTE:** Saw and lopper heads included.

PP 600

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

PP 800

**Telescoping Pole**  
With a length of 7.1' to 18.4', this lightweight telescoping pole can be fitted with a lopper or saw head, providing precision cuts for those hard-to-reach places.

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' (up to 18' with purchase of optional extension pole).

PP 101

**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.

**DANGER!** Poles are not insulated! Risk of electrocution!

	PP 101	PP 600	PP 800	PP 900
<b>Extended-Reach Pole Pruners</b>				
<b>Cutting Capacity – with Lopper</b>	0.75"	1.25"	1.25"	1.25"
<b>– with Saw Blade</b>	–	4.0"	4.0"	4.0"
<b>Blade Length</b>	Pruners	12.0"	16.5"	13.0" or 16.0"
<b>Blade Finish</b>	CP	CP	CP	CP
<b>Replaceable Blade</b>	Yes	Yes	Yes	Yes
<b>Pole Material</b>	Aluminum	Aluminum	Aluminum	Fiberglass
<b>Overall Length</b>	7.0'	10.5' Max.	18.4' Max.	18.0' Max.*

\*Comes standard with 12' pole. Optional 6' pole extends height to 18'. CP = Hard Chrome-Plated

	PS 70	PS 75	PS 80	Lopper Head*
<b>Extended-Reach Pole Attachments</b>				
<b>Fits Model</b>	PP 900	PP 600, PP 800	PP 600, PP 800, PP 900	PP 600, PP 800
<b>Cutting Capacity</b>	4.0"	4.0"	4.0"	1.25"
<b>Blade Finish</b>	CN	CN	CP	N/A
<b>Replaceable Blade</b>	Yes	Yes	Yes	NEED
<b>Available Sheath, Scabbard or Cover</b>	Sheath	–	Scabbard	Cover

\*See STIHL Price Book for PP 900 lopper head attachment. CN = Chemical Nickel CP = Hard Chrome-Plated





# 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. STIHL hand pruners are also available in different sizes to best fit the user's hand.



### PP 10

#### Hand Pruner

This hand pruner can tackle most pruning jobs. Orange color helps to locate pruner at worksite. Reliable and durable for a more than reasonable price.



### 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.



### PP 70

#### Hand Pruner

A nearly indestructible hand pruner that's strong enough for twigs up to 0.8", yet precise enough for fine pruning tasks. Its high-quality steel blades stay sharper for longer, so you can keep making precision cuts with it for the long haul.



### Pruner, Axe and Tool Sharpener

With a tungsten carbide blade and a high-impact nylon handle, this versatile tool sharpens all STIHL Precision Series™ hand pruners, loppers, axes and hatchets without disassembling the tools.



### 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.



### 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.



### 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 1.0".



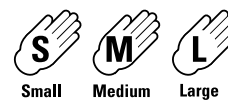
### Leather Sheath

Fits all hand pruners. Has belt clip and belt slots.

Hand Pruners	PP 10	PP 30	PP 40	PP 60	PP 70	PP 80
<b>Cutting Capacity</b>	0.8"	0.75"	0.8"	0.75"	0.8"	1.0"
<b>Blade Shape</b>	Straight	Offset	Offset	Offset	Offset	Offset
<b>Blade Finish</b>	CP	CP	CP	CP	CP	CP
<b>Blade Lock – Quick Release</b>	No	No	No	Yes	Yes	Yes
<b>Resharpenable Blade</b>	Yes	Yes	Yes	Yes	Yes	Yes
<b>Replaceable Blade</b>	Yes	No	No	Yes	Yes	Yes
<b>User Hand Size</b>	Med./8.0"	Sm./7.0"	Med./8.0"	Sm./7.0"	Med./8.0"	Lrg./9.0"

CP = Hard Chrome-Plated

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



# Loppers and Hedge Shears

## WHEN YOU NEED PRECISE CUTTING BUT HAND PRUNERS WON'T CUT IT.

STIHL Precision Series™ loppers and hedge shears deliver serious cutting power above, below and on the go. Crafted from lightweight and durable aircraft aluminum, our loppers and hedge shears are lightweight and 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 1.25" cutting capacity. The 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 28" handles made from lightweight aircraft aluminum, as well as a specialized cutting head.



### PL 40 Lopper

Our largest model was made for higher tree branches that defy lesser tools. This lopper features 32" aircraft aluminum handles for greater pruning leverage.

	PL 10	PL 30	PL 40
<b>Loppers</b>			
<b>Cutting Capacity</b>	1.25"	2.0"	2.0"
<b>Blade Shape</b>	Offset	Offset	Offset
<b>Blade Finish</b>	Alloy Steel	Alloy Steel	Alloy Steel
<b>Handle Material</b>	Aluminum	Aluminum	Aluminum
<b>Resharpenable Blade</b>	Yes	Yes	Yes
<b>Replaceable Blade</b>	Yes	Yes	Yes
<b>Weight</b>	2.1 lbs.	2.5 lbs.	2.7 lbs.
<b>Length</b>	24.0"	28.0"	32.0"



### Heavy-Duty Hedge Shear

Classic oak handles, corrosion-resistant, cold-forged 8.5" steel blades with premium edges provide durability and strength for all types of trimming and sculpting.



### Adjustable Hedge Shear

Nickel-plated high-carbon 6.75" blades produce high cutting strength and are rust and sap resistant. The extendable handles are great for trimming tall bushes and diving deep into flower beds.



### Precision Hedge Shear

Featuring strong, ergonomic handles with shock absorbers and high-carbon 7" steel blades, these hedge shears are specifically designed for professional manicuring and sculpting.

	Heavy Duty	Adjustable	Precision
<b>Hedge Shears</b>			
<b>Cutting Capacity</b>	0.375"	0.375"	0.375"
<b>Blade Length</b>	8.5"	6.75"	7.0"
<b>Blade Finish</b>	Mirror Polished	Nickel Plated	Chrome Plated
<b>Handle Material</b>	Oak	Aluminum	Forged Aluminum
<b>Resharpenable Blade</b>	Yes	Yes	Yes
<b>Replaceable Blade</b>	No	No	Yes
<b>Weight</b>	1.8 lbs.	2.0 lbs.	1.7 lbs.
<b>Overall Length</b>	22.0"	Adj. 28.0" to 41.5"	25.7"

# Axes

## BEFORE THERE WAS THE REVVING OF POWER TOOLS, THERE WAS THE SWING OF AN AXE.

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. When you pick up a STIHL axe, it will feel at once both familiar and formidable.



### Woodcutter Camp & Forestry 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.



### 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. Also a favorite in forestry for setting plastic felling wedges.



### Woodcutter Universal Forestry Axe

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



### Pro Universal Forestry Axe

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



### 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.



### Woodcutter Splitting Maul

Ideal for driving wedges or splitting large logs, this durable splitting maul features a drop-forged steel head with 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 for fewer strikes.

Axes	Woodcutter Hatchet	Pro Splitting Hatchet	Woodcutter Axe	Pro Axe	Pro Splitting Hatchet	Pro Splitting Maul	Woodcutter Maul
Handle Material	Ash	Ash	Ash	Hickory	Hickory	Ash	Hickory
Cutting Head Weight	1.3 lbs.	2.75 lbs.	2.2 lbs.	2.8 lbs.	5.5 lbs.	6.6 lbs.	6.6 lbs.
Overall Length	15.75"	19.75"	23.5"	27.5"	31.5"	33.5"	35.0"





## Hookaroon

This 30" Hookaroon is great for pulling slabs off a sawmill 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.



## Log Stand

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



## Log 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.



# Augers and Drills

## GASOLINE-POWERED AND LIGHTWEIGHT FOR WHATEVER THE JOB REQUIRES.

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, ice fishermen and contractors to choose STIHL for their handheld, outdoor power equipment needs.



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.

**NOTE:** Augers and bits sold separately.

### BT 45 Wood Boring Drill

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

Displacement	272 cc (1.66 cu. in.)
Engine Power	0.8 kW (1.07 bhp)
Weight*	4.8 kg (10.5 lbs.)

### BT 45 Planting/Ice Auger

- Gasoline-powered planting auger for mass flower plantings or deep-root fertilization
- Lightweight and portable, for operation in remote areas
- Anti-vibration system and ergonomic design makes it easy to operate
- Very fast drilling speed in ice

Displacement	272 cc (1.66 cu. in.)
Engine Power	0.8 kW (1.07 bhp)
Weight*	4.8 kg (10.5 lbs.)

\*Dry weight and powerhead only.

### BT 45 Paddle Attachments

STIHL paddle attachments allow users to adapt their BT 45 drill into versatile mixers designed to quickly and easily stir buckets of paint and floor coverings, or mix mud and grout for tile and masonry jobs.

- **BT 45 Heavy-Duty Paint Mixer**
- **BT 45 Mortar Mixer**
- **BT 45 Light-Duty Paint Mixer**
- **BT 45 Joint Compound Mixer**



A majority of STIHL gasoline-powered units sold in the United States are built in the United States from domestic and foreign parts and components.

More than 70 different models and more than 275 model variations of outdoor power equipment are built in the U.S. at our Virginia Beach facility.



**Real People. STIHL People.**

**Deanna Lisle**  
**STIHL Employee, Assembly Line**

For more Real STIHL stories, visit [STIHLusa.com](https://www.stihlusa.com).



Manufacturing schedules are planned to keep production at least one season ahead of consumer demand, keeping STIHL Dealers ready to meet market needs.

**Real People. STIHL People.**

**Candace Mugridge**  
**STIHL Employee, Assembly Line**

For more Real STIHL stories, visit [STIHLusa.com](https://www.stihlusa.com).



## BT 131 Earth/Ice Auger

- Rugged and durable auger boasts a large 710 cc fuel tank, offering 30% longer run times than previous model
- Simplified starting procedure with stop switch that returns to the start position for added convenience
- Features an advanced vibration-dampening system and STIHL Quickstop® auger brake

Displacement	36.3 cc (2.2 cu. in.)
Engine Power	1.4 kW (1.9 bhp)
Weight*	10.0 kg (22.0 lbs.)

**NOTE:** Augers and bits sold separately.

\*Dry weight and powerhead only.



A majority of STIHL gasoline-powered units sold in the United States are built in the United States from domestic and foreign parts and components.

## Optional Accessories (For BT 131)

### 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

### Ice Auger Bits

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

### Planting Auger Bits

5.9" (150 mm) dia .....	4311 680 2515
10.2" (260 mm) dia.....	4404 680 1900

### Other Accessories

18" (450 mm) Extension.....	4313 680 2302
1" Square Drive Auger Adapter.....	4313 680 3900
7/8" Square Drive Auger Adapter .....	4313 680 3901

## Optional Accessory (For BT 45)

### Ice Auger Bit

6.5" (165 mm) Ice Auger Bit .....	7010 871 0300
-----------------------------------	---------------



# Lawn Mowers

## PUSH MOWERS WITH PUSH-BUTTON SIMPLICITY.

STIHL is leading the way in new technologies, and the STIHL Lightning Battery System™ and lawn mowers are just a couple examples of how we're doing it. The RMA 460, RMA 370, RMA 410 C and RMA 510 battery-powered, walk-behind lawn mowers expand the versatility of the STIHL Battery Line, which allows the user 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.



### Fuse Key

Removing key prevents accidental starting of the motor.



### Convenient Handle

Lightweight 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.



### Single Lever Height Adjustment

Easily adjust height to best suit your cutting needs.



### Optional Mulching Kit

Great way to recycle organic material and simultaneously feed your lawn. Available for RMA 370 and RMA 410 C. RMA 460 and RMA 510 come standard with mulching kit.



19" Deck Width

## NEW! RMA 460

- Commercial-grade, brushless electric motor with ECO Mode automatically reduces power when mowing through light grass and adjusts to full power in taller grass to conserve battery life
- Features single action, central cutting height adjustment to quickly and simply adjust to seven different cutting heights to best suit user's needs
- Grass catcher can hold up to 15.85 gallons, allowing users to cut more grass without stopping
- Comes standard with a rear bagger, side discharge chute and a mulch plug

Weight w/o Battery	26.0 kg (57.0 lbs.)
Weight w/ AK 30	27.3 kg (60.2 lbs.)
Area Mowed w/ AK 30	Up to 3,500 sq. ft.



16.25" Deck Width

## RMA 370

- Commercial-grade, brushless electric motor requires less maintenance than the engine on a gasoline-powered mower
- Lightweight walk-behind mower with folding handles, making it easy to transport and store
- Instant startups, just push the button and pull the switch lever
- Features a fill indicator for grass catcher to allow users to know when to empty

Weight w/o Battery	12.2 kg (26.8 lbs.)
Weight w/ AP 300	13.9 kg (30.6 lbs.)
Area Mowed w/ AP 300	Up to 4,000 sq. ft.

**NOTE:** Not for use with the AR series batteries.



17.75" Deck Width

## RMA 410 C

- Brushless, commercial-grade, electric motor
- Large wheels with double ball bearings allow for easy maneuvering, less scalping and more even cutting
- Single European-style handlebar provides easier access to remove and reattach grass catcher
- Single action, central cutting height adjustment with six height settings from 1" to 3"

Weight w/o Battery	18.2 kg (40.1 lbs.)
Weight w/ AP 300	19.9 kg (43.9 lbs.)
Area Mowed w/ AP 300	Up to 4,300 sq. ft.



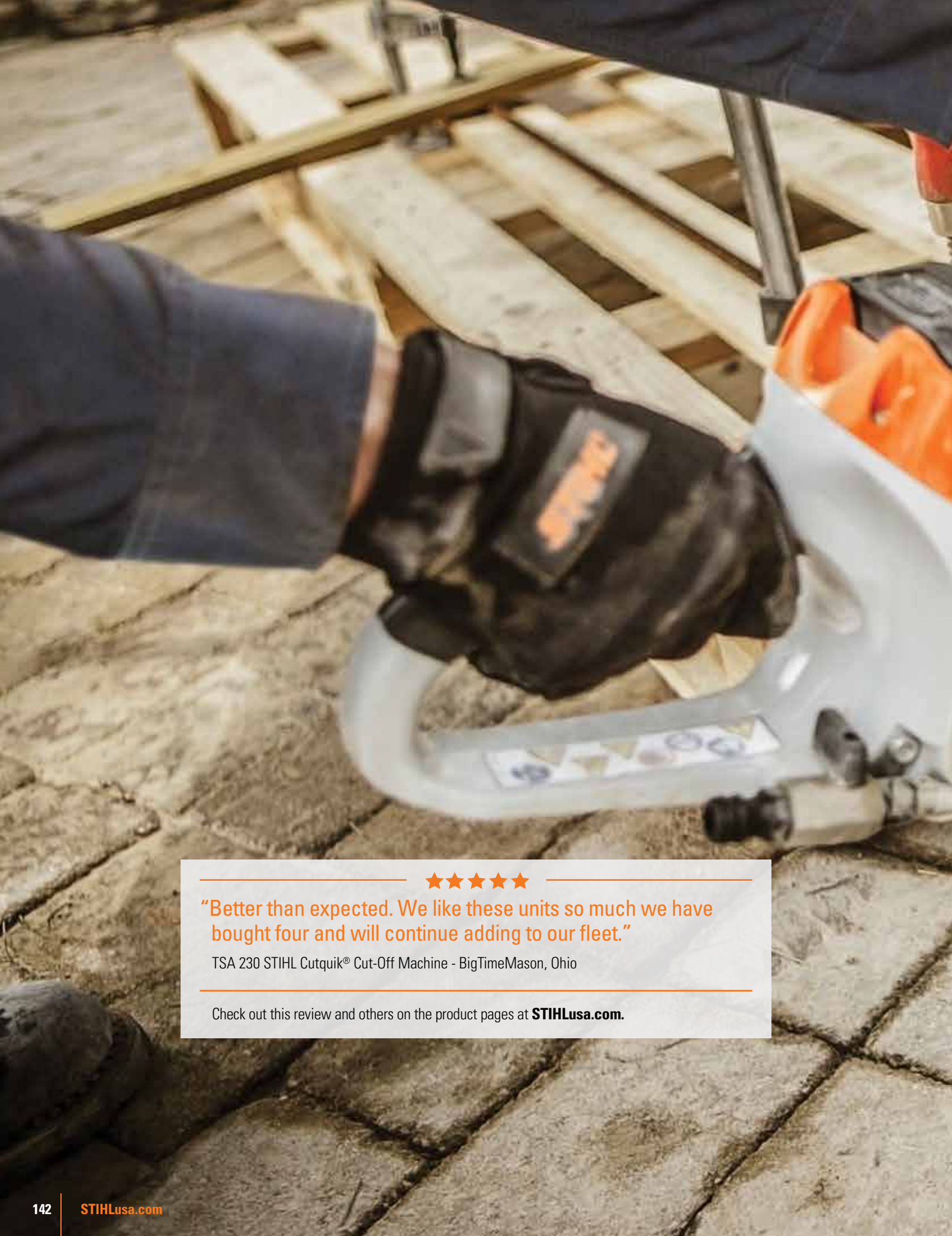
21" Deck Width

## RMA 510

- Commercial-grade, brushless electric motor with ECO Mode automatically reduces power when mowing through light grass and adjusts to full power in taller grass to conserve battery life and extend run time
- Handlebar adjusts to three different height positions for optimal user comfort
- 10" rear, 8" front ball bearing wheels allows for easy pushing over rough terrain
- Comes standard with a rear bagger, side discharge chute and a mulch plug

Weight w/o Battery	28.1 kg (62.0 lbs.)
Weight w/ AP 300	29.8 kg (65.7 lbs.)
Area Mowed w/ AP 300	Up to 5,100 sq. ft.





“Better than expected. We like these units so much we have bought four and will continue adding to our fleet.”

TSA 230 STIHL Cutquik® Cut-Off Machine - BigTimeMason, Ohio

Check out this review and others on the product pages at [STIHLusa.com](https://www.stihlusa.com).





**STIHL**  
TSA 230

# STIHL Cutquik® Cut-Off Machine Features



## 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 handlebar design provides an optimal comfortable grip in multiple working positions.



## Hose Nozzle

Quick-connect hose nozzle allows quick access to water hose for jobs that require water to keep dust down.



## 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.

# Model-Specific Cut-Off Machine Features



## 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.



## Electronic Water Control

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



## LEARN HOW TO RUN AND MAINTAIN YOUR CUT-OFF MACHINE

Watch our videos for tips on using and maintaining your STIHL cut-off machine.

[bit.ly/cut-off-how-to](https://bit.ly/cut-off-how-to)



## Inboard/Outboard Mounting

The "cast arm with guard" can be mounted on the inboard or outboard side of the cut-off machine. Assembly on the inboard side provides better balance and is recommended for freehand cutting.

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



# Professional Cut-Off Machines

## RENOWNED QUALITY FOR THE JOBSITE.

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.

### TSA 230 STIHL Cutquik®



9" Wheel

- The world's first battery-powered cut-off machine
- Lightweight, easy to handle and gets the job done fast
- Commercial-grade, brushless electric motor features low-noise levels and reduced vibration
- Ideal for masons, landscapers or other users who need a lightweight machine

Weight w/o Battery	3.9 kg (8.6 lbs.)
Weight w/ AP 300	5.6 kg (12.3 lbs.)
Run Time w/ AP 300	Up to 18 minutes

### TS 420 STIHL Cutquik®



14" Wheel

- X2 air filtration and anti-vibration system make this machine easy to use and maintain
- Powerful, fuel-efficient and low-emission engine
- Lightweight and well-balanced compact top-handle design

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

### TS 410 STIHL Cutquik®



12" Wheel

- X2 low-maintenance air filtration system helps extend the life of the filter
- Emissions reduced up to 44% compared to previous models
- Reversible cutting arm for inboard and outboard cutting

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

\*Dry weight and includes water attachment and guard.

#### 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.

## WORLD'S FIRST BATTERY-POWERED CUT-OFF MACHINE

Watch this video featuring the TSA 230 STIHL Cutquik®.

[bit.ly/tsa-230-cutquik](http://bit.ly/tsa-230-cutquik)





“It is completely dependable. It starts right away and has lots of power.”

TS 500i STIHL Cutquik® Cut-Off Machine - Doug001, Florida

Check out this review and others on the product pages at [STIHLusa.com](https://www.stihlusa.com).

# Professional Cut-Off Machines

## NEW! TS 440 STIHL Cutquik®



14" Wheel

- World's first cut-off machine equipped with sensor-activated wheel brake, STIHL Quickstop™ wheel brake technology designed to reduce the risk of injury from kickback when the top of the wheel has been exposed
- Expanded guard adjustment range allows greater access in challenging cuts, such as the bottom portions of walls, cutting in corners, and cutting the underside of in-ground pipes
- Two-belt drive delivers high torque to the wheel, reducing the chance of bogging when applying higher feed force

Displacement	66.7 cc (4.07 cu. in.)
Engine Power	3.2 kW (4.4 bhp)
Weight*	11.2 kg (24.7 lbs.)

## TS 500i STIHL Cutquik®



14" Wheel

- Advanced engine technology provides high performance in the toughest conditions
- Electronically controlled, fuel-injected engine provides optimum torque throughout RPM range and easy starting
- Features a simplified starting procedure with no choke and the X2 low-maintenance air filtration system with convenient water flow adjustment

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

\*Dry weight and includes water attachment and guard.

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

## TS 700 STIHL Cutquik®



14" Wheel

- Designed for extended service cutting with the X2 long-term filtration system
- Features a powerful, fuel-efficient engine, IntelliCarb™ compensating carburetor and semi-automatic belt tensioner

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

## TS 500i STIHL Cutquik® CUT-OFF MACHINE.

Watch this video to learn more about the TS 500i STIHL Cutquik® and its electronically controlled fuel-injection system.

[bit.ly/ts-500i-cutquik](http://bit.ly/ts-500i-cutquik)

## TS 800 STIHL Cutquik®



16" Wheel

- Does the job of large walk-behind machines with a deep-cutting 16" wheel
- Features the X2 low-maintenance air filtration system and a powerful, fuel-efficient engine
- Includes IntelliCarb™ compensating carburetor and semi-automatic belt tensioner

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

## STIHL Cutquik® Cart

Specially designed for matched cutting performance with the TS 410, TS 420, 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.



See your STIHL Dealer for more information.



## TS Wheel Kit

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

## Pressurized Water Tank

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



### 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.

**NOTE:** The base cart can be used with all current TS models with use of different mounting kits (except for TS 440). Base cart requires assembly and mounting kit must be purchased separately.

Model	Displacement	Engine Power	Weight*	Fuel Capacity	Engine Speed	Maximum Spindle Speed	Arbor Size	Wheel Size	Maximum Cutting Depth
<b>Cut-Off Machines</b>									
TS 410 STIHL Cutquik®	66.7 cc (4.07 cu. in.)	3.2 kW (4.4 bhp)	9.4 kg (20.7 lbs.)	710 cc (24.0 oz.)	9,000 rpm	5,350 rpm	20 mm	300 mm (12")	100 mm (3.9")
TS 420 STIHL Cutquik®	66.7 cc (4.07 cu. in.)	3.2 kW (4.4 bhp)	9.6 kg (21.2 lbs.)	710 cc (24.0 oz.)	9,000 rpm	5,350 rpm	20 mm	350 mm (14")	125 mm (4.9")
<b>NEW! TS 440</b> STIHL Cutquik®	66.7 cc (4.07 cu. in.)	3.2 kW (4.4 bhp)	11.2 kg (24.7 lbs.)	725 cc (24.5 oz.)	9,000 rpm	2,525 rpm	20 mm	350 mm (14")	125 mm (4.9")
TS 500i STIHL Cutquik®	72.2 cc (4.41 cu. in.)	3.9 kW (5.2 bhp)	10.2 kg (22.5 lbs.)	725 cc (24.5 oz.)	9,000 rpm	5,350 rpm	20 mm	350 mm (14")	125 mm (4.9")
TS 700 STIHL Cutquik®	98.5 cc (6.0 cu. in.)	5.0 kW (6.7 bhp)	11.6 kg (25.6 lbs.)	1,200 cc (40.6 oz.)	9,300 rpm	5,350 rpm	20 mm	350 mm (14")	125 mm (4.9")
TS 800 STIHL Cutquik®	98.5 cc (6.0 cu. in.)	5.0 kW (6.7 bhp)	12.7 kg (28.0 lbs.)	1,200 cc (40.6 oz.)	9,300 rpm	4,600 rpm	20 mm	400 mm (16")	143 mm (5.6")

\*Dry weight and includes water attachment and guard.

Note: Specifications are as of October 1, 2017. For most recent updates, visit [STIHLusa.com](http://STIHLusa.com).

# Cutting Wheels

## DIAMOND WHEELS

STIHL diamond wheels are ideal for 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 9" (7/8" arbor)
- Available in 12", 14" and 16" (20 mm arbor)



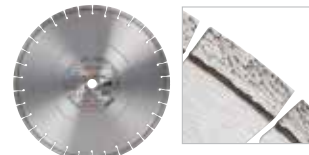
### D-BA Concrete/ Asphalt Wheels

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



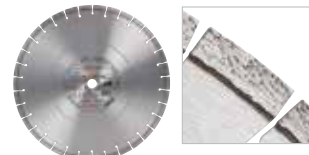
### D-G Wheels

- Available in 14" (22 mm arbor)
- Designed for cutting ductile iron.
- For use with TS 420, TS 440, TS 500i and TS 700.



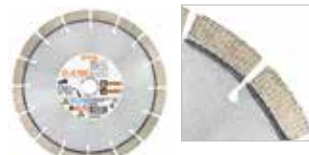
### D-SB Hard Stone/ Concrete Wheels

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



### D-X Hard Stone/ Concrete Wheels

- 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

		Asphalt (A)			Concrete Asphalt (BA)			Concrete (B)		Concrete (G)		Hard Stone, Concrete/ Ductile Iron (SB)		Hard Stone/ Concrete (X)	
		A 5	A 20	A 80	BA 80	B 10	B 20	B 80	G 80	SB 80	X 100				
		Cutting Speed*		••		••		••		••		••		••	
		Wheel Lifetime*		••		••		••		••		••		••	
Soft	Asphalt	•	•	•	•	○	○	○	○	○	○	○	○	○	○
	Green Concrete	•	•	•	•	○	○	○	○	○	○	○	○	○	○
	Sandstone, Limestone & Slate	•	•	•	•	○	○	○	○	○	○	○	○	○	○
	Cinder Block & Pavers	○	○	○	•	•	•	•	○	•	•	•	•	•	•
	Concrete	○	○	○	•	•	•	•	○	•	•	•	•	•	•
	Reinforced Concrete	○	○	○	•	•	•	•	○	•	•	•	•	•	•
	Heavily Reinforced Concrete	○	○	○	○	○	•	•	○	•	•	•	•	•	•
	Granite & Natural Stone	○	○	○	○	○	○	○	○	•	•	•	•	•	•
	Ductile Iron	○	○	○	••	○	○	○	○	••	••	••	••	••	••
	Structural Steel ≤ 10 mm (0.4") thick	○	○	○	○	○	○	○	•	••	••	••	••	••	••

• Approved ○ Not approved.

\*Compared to other STIHL wheels. \*\*Approved with restrictions, not for permanent use in this material.

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





## 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 Purpose – Steel

- Blue Label
- Available in 9", 12", 14" and 16" (20 mm/1" arbor)
- \*For 7/8" arbor.



### General Purpose – Masonry

- Green Label
- Available in 12", 14" and 16" (20 mm/1" arbor)



### Asphalt and Ductile Iron

- Red Label
- Available in 12", 14" and 16" (20 mm/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% longer lifetime



**NOTE!** These wheels are not for use with the TS 440. For the TS 440 use the K-M Wheel

### Special Abrasive Wheel

#### NEW! K-M Wheel

- Available in 14"
- For use on structural steel
- Specifically designed for the slower cutting needs of the TS 440.

**WARNING!** The K-M wheel is for use on the TS 440 only. Do not use the K-M wheel on other cutting machines!



### Abrasive Wheel Application Guide\*

	General Purpose Masonry	General Purpose Steel Metal	Asphalt Ductile Iron	Masonry – Wet Cutting
<b>Materials</b>				
Asphalt	○	○	●	○
Masonry	●	○	○	●
Concrete	●	○	○	●
Cured Concrete	●	○	○	●
Concrete Pipe	●	○	○	●
Reinforced Concrete	●	○	○	●
Rigid Concrete Pipe	●	○	○	●
Refractory Brick	●	○	○	●
Combined Material (Steel Cable with Rubber Coatings)	●	○	○	○
Non-Ferrous Material (Aluminum, Copper)	●	○	○	○
Stone	●	○	○	●
Rebar	○	●	○	○
Ductile Iron Pipe	○	○	●	○
Ductile Iron	○	●	●	○
Steel	○	●	○	○

● Approved ○ Not approved. \* Does not apply to KM wheels



# 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®

- Concrete cutter provides an excellent power-to-weight ratio
- 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% less fuel than traditional 2-stroke engines

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

\*Dry weight and powerhead only.



### 36 GBM – General Purpose Diamond Abrasive Chain

- Diamond abrasive chain made exclusively for the GS 461 STIHL ROCK BOSS® and STIHL ROLLOMATIC® guide bar



#### 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.



#### Hose Nozzle

Quick-connect hose nozzle allows quick access to water hose to keep dust down.



#### Decompression Valve

Helps reduce the effort needed to pull the starter rope.



#### Upright Filler Cap

Designed for upright fueling. Keeps dust out.

Watch this video featuring the GS 461 STIHL ROCK BOSS® at

[bit.ly/rock-boss](http://bit.ly/rock-boss) 

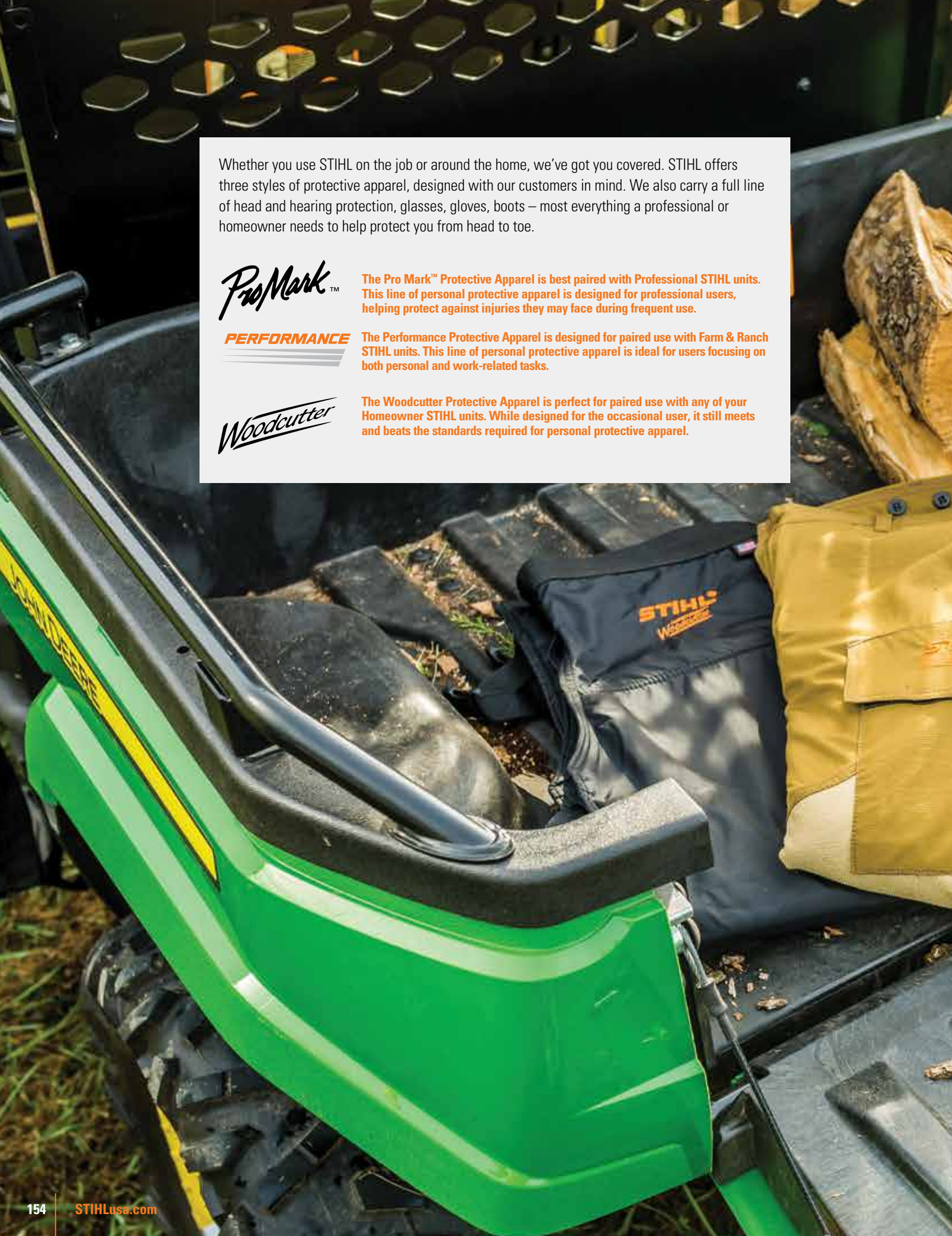




"I use it constantly on construction sites where there are tight tolerances and the cuts have to be almost exact."

STIHL GS 461 ROCK BOSS® - Herkner, New York

Check out this review and others on the product pages at [STIHLusa.com](https://www.stihlusa.com).



Whether you use STIHL on the job or around the home, we've got you covered. STIHL offers three styles of protective apparel, designed with our customers in mind. We also carry a full line of head and hearing protection, glasses, gloves, boots – most everything a professional or homeowner needs to help protect you from head to toe.

*ProMark*™

The Pro Mark™ Protective Apparel is best paired with Professional STIHL units. This line of personal protective apparel is designed for professional users, helping protect against injuries they may face during frequent use.

**PERFORMANCE**

The Performance Protective Apparel is designed for paired use with Farm & Ranch STIHL units. This line of personal protective apparel is ideal for users focusing on both personal and work-related tasks.

*Woodcutter*

The Woodcutter Protective Apparel is perfect for paired use with any of your Homeowner STIHL units. While designed for the occasional user, it still meets and beats the standards required for personal protective apparel.



“These pants will give you real peace of mind when using your saw. The chaps are extremely easy to get on and off.”

Woodcutter Chaps - Akflyfisher1, Arkansas

Check out this review and others on the product pages at [STIHLusa.com](https://www.stihlusa.com).

# Chain Saw Protective Apparel

## STAY SHARP AND SUIT UP WITH STIHL 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.



### Woodcutter Zip Chaps – 6 Layer

- Consist of specialized Avertic® Pro by Engtex® cut-retardant materials with a rugged 500-denier nylon black fabric on the outer cover
- Heavy-duty zippers run along the inseams and are easily engaged for a quick on and off
- Two zipper row choices allow for various leg thicknesses to customize fit, along with 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 saw chain
- STIHL chain saw protective apparel is wash and wear

**AVERTIC®**

*Woodcutter*



### Woodcutter Chaps – 6 Layer

- Made from rugged, 400-denier nylon and feature the same UL® Classified protection as other chaps.
- Six layers of Avertic® Pro by Engtex® cut-retardant material are sewn into the legs designed to clog the sprocket and stop the saw chain on a gasoline-powered chain saw in case of accidental contact with rotating saw chain
- Open-back design makes them a great choice for hot working conditions
- STIHL chain saw protective apparel is wash and wear

**AVERTIC®**

*Woodcutter*



### Performance Winter Protective Pants – 6 Layer

- Features 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
- 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
- STIHL chain saw protective apparel is wash and wear

**AVERTIC®**

**PERFORMANCE**

#### 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.



## Performance Protective Pants – 6 Layer

- Nylon/spandex outer shell allows for stretch and durability, while the knees are reinforced with kevlar/spandex for bending and climbing
- Feature six layers of Avertic® Pro by Engtex®, a cut-retardant material designed to clog the sprocket and stop the rotating saw chain of a gasoline-powered chain saw
- Includes zipper pocket on backside, cargo pocket on leg, a cell phone pocket and two standard rounded pockets
- Available in coyote and black
- STIHL chain saw protective apparel is wash and wear

**AVERTIC®**

**PERFORMANCE**



# Chain Saw Protective Apparel



## Performance Hunter Bib Chaps – 6 Layer

- Offers user protection with six layers of cut-retardant Avertic® Pro by Engtex® material
- When used for hunting, the zippered bib pocket can be used for essentials
- One size fits all, including a waist extender and interlocking buckle that adjusts from 30" to 42"
- STIHL chain saw protective apparel is wash and wear

**AVERTIC®**

**PERFORMANCE**



## Performance Skidder Bib Chaps – 6 Layer

- Features 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
- Wash and wear design does not require dry clean or light surface cleaning

**AVERTIC®**

**PERFORMANCE**



## Performance Hi-Vis Apron Chaps – 6 Layer

- High visibility chaps specifically designed for work along workways by emergency service personnel, tree service workers and municipalities
- Open back design is ideal for hot working conditions
- Features six layers of Avertic® Pro by Engtex cut-retardant material designed to clog the sprocket and stop the rotating saw chain of a gasoline-powered chain saw
- STIHL protective apparel is wash and wear



## Performance Zip Chaps – 6 Layer

- Feature heavy-duty zippers along the inseam that are easily engaged for quick on and off
- Two zipper row choices allow for various leg coverage
- Specialized Avertic® Pro by Engtex® cut-retardant material stops the saw chain on a gasoline-powered chain saw in case of accidental contact with the rotating chain saw
- STIHL chain saw protective apparel is wash and wear

**AVERTIC®**

**PERFORMANCE**

**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™ Cut-Retardant Shirt

- Made of high-visibility orange polyester designed to keep you comfortable, visible and protected
- Features multiple layers of protective Avertic® Pro by Engtex®, a cut-retardant material, sewn into the sleeves, collar and shoulders.
- Mesh body and vented back allow for better air circulation while its large cut design improves operator comfort
- STIHL chain saw protective apparel is wash and wear

**AVERTIC®**

*ProMark™*

### IMPORTANT INFORMATION

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



# Chain Saw Protective Apparel



## 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.

Watch a video featuring the Engtex® Cut-Retardant Material at [bit.ly/protective-chaps](http://bit.ly/protective-chaps) 



### Pro Mark™ Apron Chaps Orange – 9 Layer

- Legs feature nine layers of Avertic® Pro by Engtex®, a cut-retardant material designed to reduce the risk of severity of injury to the body parts covered by the pads in the event of contact with a rotating saw chain
- Orange color and reflective accents allow for visibility
- Black knees are highly abrasive for bending and kneeling on the job
- STIHL chain saw protective apparel is wash and wear

**AVERTIC®**

*ProMark™*



### Pro Mark™ Wrap Chaps, Orange – 9 Layer

- Feature 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 a rotating saw chain
- Extend fully around the lower leg to provide extra protection
- Orange color and reflective accents allow for visibility on the job, and a convenient zipper pocket is easily accessible for tools or a cell phone

**AVERTIC®**

*ProMark™*



### Pro Mark™ Hi-Vis Zip Chaps – 9 Layer

- Essential protective apparel for professional chain saw operators providing heavy weight protection and high visibility
- Two zipper row choices allow for various leg thickness to customize fit along with 360° lower leg coverage
- Specialized Avertic® Pro by Engtex® cut-retardant material stops the saw chain on a gasoline-powered chain saw in case of accidental contact with the rotating chain
- STIHL protective apparel is wash and wear

**AVERTIC®**

*ProMark™*

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



## Performance Forestry Boots

- Comfortable, high-quality work boot with cut resistance ideal for chain saw users
- Meets OSHA requirements for protective footwear in chain saw usage
- Climate system permits air circulation with every step
- Arch support systems support the arch of the foot in its natural, ideal position
- Available in medium and wide widths from size 6.5 to 14



## Performance Cut-Retardant Mitts

- Avertic® Pro by Engtex®, a cut-retardant material, is sewn into the back of the left glove
- Made with water-resistant nylon backs and goatskin palms
- Feature a separate index finger for chain saw throttle operation

**AVERTIC®**



## Pro Mark™ Chain Saw Boots

- High-quality work boot with chain saw protective materials ideal for professional chain saw users
- Non-marking and water-resistant boot – features climate system with suede leather, GORE-TEX® and removable orthopedic insole
- Robust lacing system for secure lacing of boot
- Available in sizes 7 to 13.5



## Pro Mark™ Dynamic Gloves

- Made with multiple layers of Avertic® Pro and Dyneema fabrics by Engtex®, cut-retardant materials to help reduce the risk of injury
- Velcro wrist closure keeps wood chips, snow/ice and other debris from getting inside the glove
- Full-grain tanned leather palm and inner fingers provide better gripping

**AVERTIC®**



## Apparel Accessories

- Replacement Waist Buckle for Chaps - 1.5"
- Replacement Leg Buckle for Chaps - 1"
- Waist Extender for Chaps - 12"

**ProMark™** Pro Mark™ Protective Apparel is best paired with Professional STIHL units. This line of personal protective apparel is designed for professional users, helping protect against injuries they may face during frequent use.

**PERFORMANCE** Performance Protective Apparel is designed for use with Farm & Ranch STIHL units. This line of personal protective apparel is ideal for users focusing on both personal and work-related tasks.

**Woodcutter** Woodcutter Protective Apparel is ideal for use with any of your Homeowner STIHL units. While designed for the occasional user, it still meets – and beats – the standards required for personal protective apparel.



# Non-Protective Work Apparel and Accessories

WEARING THE RIGHT KIND OF APPAREL FOR THE SITUATION NEVER GOES OUT OF STYLE.

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*



*Woodcutter*



## Woodcutter Work Shirt

- Comfortable work shirt features a vented arm design for improved air circulation
- Two breast pockets for convenient work gear storage
- Made from a high-quality, twill-weave fabric for durability and natural resistance against wind, water and wrinkles
- Available colors: High Visibility Orange with Blue Denim, High Visibility Orange

## Woodcutter Winter Shirt

- Made from wind-resistant nylon, helping 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 to escape
- Features two breast pockets for convenient storage and a stand-up collar to keep out rain and snow
- Back of shirt is vented, improving overall air circulation



### Reflective Safety Vest

The STIHL Reflective Safety Vest 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

This shop apron is designed with the user in mind. The durable black fabric is washable and hides grease and grime. The pockets on the chest and the pouch pockets allow for easy and quick accessible storage while on the job. STIHL apparel is wash and wear, just toss them into your washer and dryer and wear them the next day!



### 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 and Ear Gear

## HEAD AND FACE PROTECTION.

From logging in the woods to construction zones in the city or 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 assets.



### 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, full-face steel screen
- Comfortable, adjustable hearing protectors help reduce tool and engine noise



### STIHL Woodcutter Helmet System

- Designed for comfort, the vented shell provides cooling air during use
- Includes six-point mount suspension
- Class G certified under OSHA's 29 CFR 1910.135, includes NRR 22 hearing protection



### STIHL Forestry Helmet System

- Hard shell is made of ABS thermoplastic and features a six-point, ratchet-style suspension system to absorb shock and keep the helmet stable
- Cool Guard sweatband helps keep perspiration out of your eyes and adjustable hearing protectors comfortably reduce noise
- Class G certified under OSHA's 29 CFR 1910.135, includes NRR 24 hearing protection



### 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 NRR 25 earmuffs to help reduce tool and engine sound
- Class G certified under OSHA's 29 CFR 1910.135



### Arborist Helmet

- Designed specifically for arborists, this helmet is lightweight, has a six-point adjustable suspension system and has multiple vents for cooling air and added comfort
- 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

- STIHL Construction Hard Hat System combines first-class durability and comfort with the same features as the standard helmet, including the Cool Guard sweatband
- Adjustable hearing protection helps reduce job-site noise while a clear PETG full-face shield helps keep your face protected from flying debris
- Class G certified under OSHA's 29 CFR 1910.135, includes NRR 23 hearing protection

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

## HEARING PROTECTION.

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: 21, 23, 25 and 29. Meets ANSI S3.1974 standard.



**Basic Hearing Protector**  
— NRR 23



**Cotton Candy Hearing Protector**  
— NRR 21



**STIHL Tune Up**  
— NRR 25

Equipped with AM/FM tuner and MP3 capable.

*ProMark™*



**STIHL Duffel Bag**



**Orange Hearing Protector**  
— NRR 25



**Camo Hearing Protector**  
— NRR 25



**Pro Mark™ Hearing Protector**  
— NRR 29

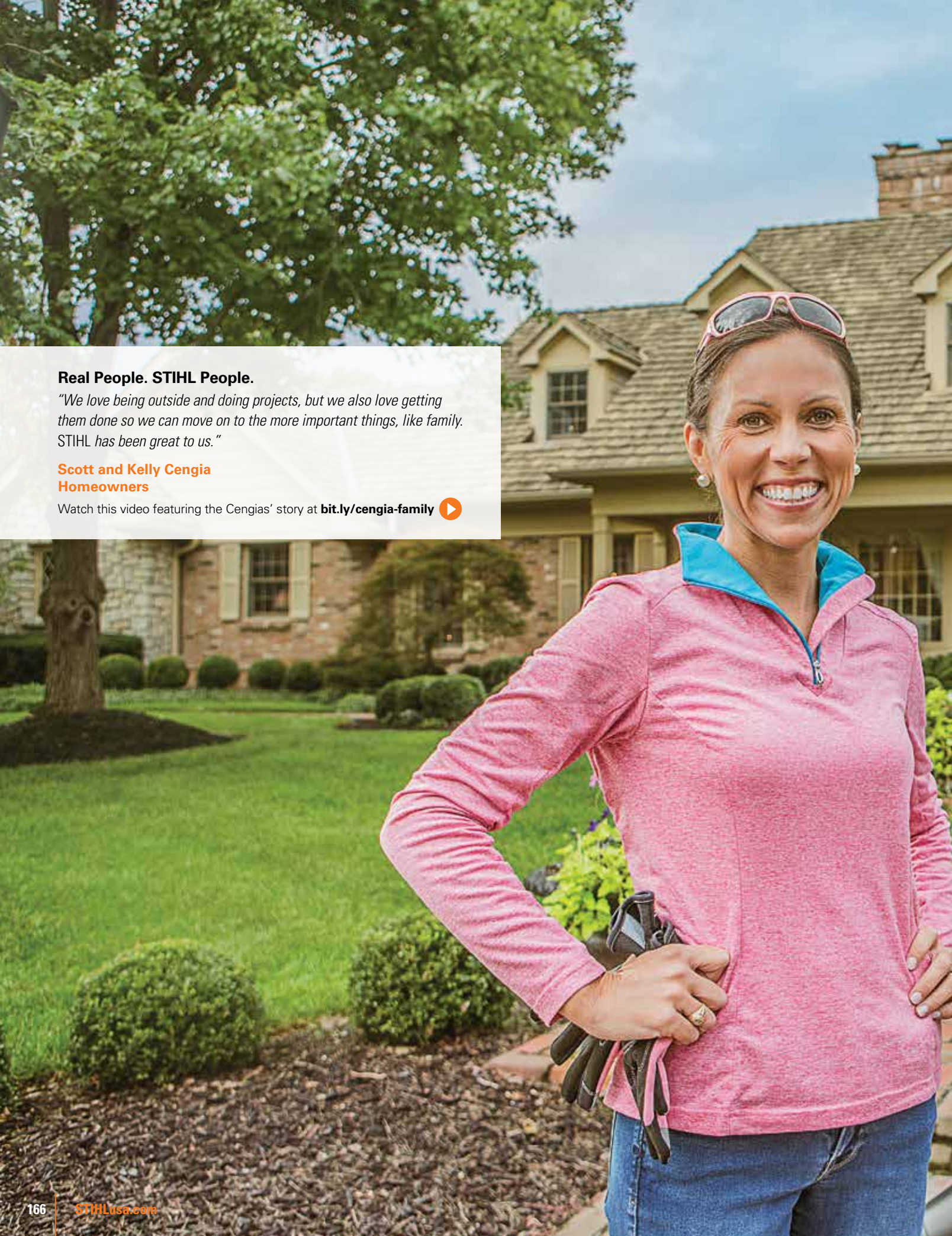


**Corded Ear Plugs**



**Foam Ear Plugs**






**Real People. STIHL People.**

*"We love being outside and doing projects, but we also love getting them done so we can move on to the more important things, like family. STIHL has been great to us."*

**Scott and Kelly Cengia  
Homeowners**

Watch this video featuring the Cengias' story at [bit.ly/cengia-family](https://bit.ly/cengia-family) 





# Glasses

## EYE PROTECTION.

Premium protective glasses are made from optical-grade polycarbonate for greater impact resistance. They offer 99% UV protection. A sleek, lightweight temple provides individual fit and comfort. The nylon nosepiece offers greater comfort and snug, nonslip fit. All glasses meet ANSI standard Z87.1.



### 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



### Blue Mirror Glasses

Lightweight and stylish design. Soft nose pad offers all-day comfort. Polycarbonate impact-resistant lenses filter out 99% of harmful UV rays.

Lens: Blue Mirror  
Frame: Blue, Red



### 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



### Cotton Candy Glasses

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

Lens: Smoke, Clear



### Patterned Frame Glasses

Lightweight and stylish design. Soft nose pad offers all-day comfort. Polycarbonate impact-resistant lenses filter out 99% of harmful UV rays.

Lens: Smoke, Green Mirror, Silver Mirror



### 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

## STAY SHARP WITH STIHL CHAIN SAW PROTECTIVE APPAREL.

Whether you're cutting at home or on the job, suit up with STIHL protective apparel.

[bit.ly/protective-apparel](http://bit.ly/protective-apparel)



### NEW! Frosty Glasses

Lightweight and stylish design features frosty white frame. Polycarbonate impact-resistant lenses offer 99% UV protection.

Lens: Blue Mirror, Silver Mirror



### NEW! Hunter's Camo Glasses

Premium glasses feature stylish camo frame with STIHL orange temple grips, rubber nosepiece and polycarbonate impact-resistant lenses.

Lens: Gold 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



### 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



### 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® 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



### 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 lenses.

Lens: Smoke Mirror



### Ultra Flex Glasses

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

Brown Frame – Lens: Brown

Black Frame – Lens: Smoke, Blue Mirror



### White Ice Glasses

Comfort-fit style prevent slippage. High-quality polycarbonate lenses provide protection against 99% of harmful UV rays.

Lens: Blue Mirror, Orange Mirror, Silver Mirror



### Black Work Glasses

These black-on-black protective glasses 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



### Deputy Glasses

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% of harmful UV rays.

Lens: Smoke, Silver Mirror



### Two-Tone Work Glasses

Flexible rubber temple tips generate a soft cushion for a pressure-free fit. Scratch-resistant polycarbonate lenses provide 99% of UVA/B/C protection.

Lens: Smoke, Silver Mirror



### 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

# Gloves



## Value PRO Gloves

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



One size fits most

## Work Gloves

Made from premium goatskin leather 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.



## Great Grip Gloves

Features 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.



## Heavy-Duty Work Gloves

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



## Cotton Candy Gloves

Features breathable spandex backer for comfort and flexibility. Foam palm padding extends the life of the glove and cushion from low impact. Shirred elastic wrist for a secure, snug fit.



## Value Work Gloves

Comfortable, breathable mesh back with durable split cowhide leather palm. Features Thermalplastic Rubber wrist closure. Offers good abrasion resistance for most outdoor tasks.



## General Purpose Gloves

Copper-based conductive tips make the glove fingers touch-screen friendly. Digital embossed polyurethane fabric to enhance overall grip and stretch spandex back for user comfort and flexibility.



## HomeScaper Series Gloves

Features a surprisingly soft and durable goatskin 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.



### Mechanic Style Gloves

High-dexterity glove features a 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.



### 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.



### 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.



### 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 delivers all-day working comfort.



### Outdoor PRO Gloves

Stylish, modern design made from high-quality synthetic leather. TPR padded knuckle and finger areas provide enhanced durability. High-dexterity glove provides the user all-day working comfort. Breathable for all-weather use.



### Proscaper Series Gloves

These gloves feature premium boar skin 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.



### 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.



### NEW! Meshback Gloves

Stylish modern design with air mesh nylon back and padded goat skin palm. Features adjustable, wrist-strap closure for a secure fit and brow wipe to help wick away perspiration.



### NEW! Pruning Gloves

Features premium grain cowhide with keystone thumb for better fit and comfort. Open extended cuff provide wrist and forearm protection and allows user to wear over jacket.

# Chain Saw Specifications

Model	Displacement	Engine Power	Powerhead Weight*	Fuel Capacity	Available Bar Length**	Side-Access Chain Tensioner	Quick Chain Adjuster (B)	ElastoStart™	Easy2Start™ (E)	Decompression Valve	Wrap Handle (R)	M-Tronic™ (M)
<b>Homeowner Saws</b>												
MS 170	30.1 cc (1.8 cu. in.)	1.3 kW (1.7 bhp)	3.9 kg (8.6 lbs.)	250 cc (8.5 oz.)	30 to 40 cm (12" to 16")	—	■	■	—	—	—	—
MS 171	31.8 cc (1.9 cu. in.)	1.3 kW (1.7 bhp)	4.3 kg (9.5 lbs.)	280 cc (9.5 oz.)	30 to 40 cm (12" to 16")	●	—	■	—	—	—	—
MS 180	31.9 cc (1.94 cu. in.)	1.5 kW (2.0 bhp)	4.1 kg (9.0 lbs.)	250 cc (8.5 oz.)	30 to 40 cm (12" to 16")	■	■	■	—	—	—	—
MS 180 C-BE	31.8 cc (1.9 cu. in.)	1.5 kW (2.0 bhp)	4.2 kg (9.3 lbs.)	250 cc (8.5 oz.)	30 to 40 cm (12" to 16")	—	●	—	●	—	—	—
MS 181 C-BE	31.8 cc (1.9 cu. in.)	1.5 kW (2.0 bhp)	4.6 kg (10.1 lbs.)	280 cc (9.5 oz.)	30 to 40 cm (12" to 16")	—	●	—	●	—	—	—
MS 211	35.2 cc (2.15 cu. in.)	1.7 kW (2.3 bhp)	4.3 kg (9.5 lbs.)	280 cc (9.5 oz.)	30 to 45 cm (12" to 18")	●	—	—	—	—	—	—
MS 211 C-BE	35.2 cc (2.15 cu. in.)	1.7 kW (2.3 bhp)	4.6 kg (10.1 lbs.)	280 cc (9.5 oz.)	30 to 45 cm (12" to 18")	—	●	—	●	—	—	—
MS 250	45.4 cc (2.77 cu. in.)	2.2 kW (3.0 bhp)	4.6 kg (10.1 lbs.)	470 cc (15.9 oz.)	40 to 45 cm (16" to 18")	●	■	■	—	—	—	—
MS 251 WOOD BOSS®	45.6 cc (2.78 cu. in.)	2.2 kW (3.0 bhp)	4.9 kg (10.8 lbs.)	390 cc (13.2 oz.)	40 to 45 cm (16" to 18")	●	—	■	—	—	—	—
MS 251 C-BE	45.6 cc (2.78 cu. in.)	2.2 kW (3.0 bhp)	5.3 kg (11.9 lbs.)	390 cc (13.2 oz.)	40 to 45 cm (16" to 18")	—	●	—	●	—	—	—
<b>Mid-Range Use Chain Saws</b>												
MS 150 C-E	23.6 cc (1.44 cu. in.)	1.0 kW (1.34 bhp)	2.75 kg (6.1 lbs.)	200 cc (6.76 oz.)	30 cm (12")	●	—	—	●	—	—	—
MS 193 C-E	30.1 cc (1.8 cu. in.)	1.3 kW (1.74 bhp)	3.45 kg (7.61 lbs.)	270 cc (9.1 oz.)	35 cm (14")	●	—	—	●	—	—	—
MS 201 C-EM	35.2 cc (2.15 cu. in.)	1.8 kW (2.41 bhp)	3.9 kg (8.6 lbs.)	310 cc (10.5 oz.)	30 to 40 cm (12" to 16")	●	—	—	●	—	—	●
MS 271 FARM BOSS®	50.2 cc (3.06 cu. in.)	2.6 kW (3.49 bhp)	5.6 kg (12.3 lbs.)	500 cc (16.9 oz.)	40 to 50 cm (16" to 20")	●	—	■	—	—	—	—
MS 291	55.5 cc (3.39 cu. in.)	2.8 kW (3.76 bhp)	5.6 kg (12.3 lbs.)	500 cc (16.9 oz.)	40 to 50 cm (16" to 20")	●	—	■	—	—	—	—
MS 311	59.0 cc (3.6 cu. in.)	3.1 kW (4.2 bhp)	6.2 kg (13.67 lbs.)	600 cc (20.3 oz.)	40 to 50 cm (16" to 20")	●	—	■	—	●	—	—
MS 391	64.1 cc (3.9 cu. in.)	3.3 kW (4.4 bhp)	6.2 kg (13.67 lbs.)	600 cc (20.3 oz.)	40 to 50 cm (16" to 20")	●	—	■	—	●	—	—
<b>Professional Use Chain Saws</b>												
MS 241 C-M	42.6 cc (2.6 cu. in.)	2.3 kW (3.1 bhp)	4.5 kg (9.9 lbs.)	370 cc (12.5 oz.)	30 to 40 cm (12" to 16")	●	—	●	—	●	—	●
MS 261	50.2 cc (3.06 cu. in.)	3.0 kW (4.0 bhp)	4.9 kg (10.8 lbs.)	500 cc (16.9 oz.)	40 to 50 cm (16" to 20")	●	—	●	—	●	—	—
MS 261 C-M	50.2 cc (3.06 cu. in.)	3.0 kW (4.0 bhp)	4.9 kg (10.8 lbs.)	500 cc (16.9 oz.)	40 to 50 cm (16" to 20")	●	—	●	—	●	—	●
MS 362	59.0 cc (3.6 cu. in.)	3.5 kW (4.69 bhp)	5.6 kg (12.3 lbs.)	600 cc (20.3 oz.)	40 to 63 cm (16" to 25")	●	—	●	—	●	■	—
MS 362 C-M	59.0 cc (3.6 cu. in.)	3.5 kW (4.69 bhp)	5.6 kg (12.3 lbs.)	600 cc (20.3 oz.)	40 to 63 cm (16" to 25")	●	—	●	—	●	■	●
MS 441 C-M MAGNUM®	70.7 cc (4.3 cu. in.)	4.2 kW (5.6 bhp)	6.6 kg (14.6 lbs.)	725 cc (24.5 oz.)	40 to 80 cm (16" to 32")	●	—	●	—	●	■	●
MS 461	76.5 cc (4.7 cu. in.)	4.5 kW (6.0 bhp)	6.6 kg (14.6 lbs.)	800 cc (27.1 oz.)	40 to 80 cm (16" to 32")	●	—	●	—	●	■	—
MS 661 C-M	91.1 cc (5.56 cu. in.)	5.4 kW (7.2 bhp)	7.4 kg (16.3 lbs.)	825 cc (27.9 oz.)	40 to 80 cm (16" to 32")	●	—	●	—	●	■	●
MS 880 MAGNUM®	121.6 cc (7.42 cu. in.)	6.4 kW (8.6 bhp)	10.1 kg (22.3 lbs.)	1300 cc (44.0 oz.)	43 to 150 cm (17" to 59")	●	—	●	—	●	■	—
<b>Rescue Saw</b>												
MS 461 R Rescue	76.5 cc (4.7 cu. in.)	4.5 kW (6.0 bhp)	7.0 kg (15.4 lbs.)	800 cc (27.1 oz.)	40 to 63 cm (16" to 25")	●	—	—	—	●	●	—
<b>Tree Service Chain Saws</b>												
MS 150 T C-E	23.6 cc (1.44 cu. in.)	1.0 kW (1.34 bhp)	2.6 kg (5.7 lbs.)	200 cc (6.76 oz.)	30 cm (12")	●	—	—	●	—	—	—
MS 193 T	30.1 cc (1.84 cu. in.)	1.3 kW (1.74 bhp)	3.3 kg (7.28 lbs.)	270 cc (9.1 oz.)	35 cm (14")	●	—	—	—	—	—	—
MS 201 T C-M	35.2 cc (2.15 cu. in.)	1.8 kW (2.41 bhp)	3.71 kg (8.16 lbs.)	310 cc (10.5 oz.)	30 to 40 cm (12" to 16")	●	—	—	—	—	—	●

● Standard ■ Optional \*Dry weight and powerhead only. \*\*The actual listed guide bar length can vary from the effective cutting length based on which powerhead it is installed on.

Note: Specifications are as of October 1, 2017. For most recent updates, visit [STIHLusa.com](http://STIHLusa.com). 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.

# Saw Chain Selection and Identification

## Identifying STIHL Saw Chain

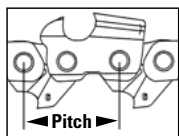
STIHL uses a Marketing Number System in addition to the part number. This allows easy identification of any chain. For example, chain with a Marketing Number of 33RS3:

Pitch	Gauge	Type	Shape	Special
3	3	R	S	3
3/8"	.050"	STIHL RAPID™	Super Single-Humped Drive Link	

### Pitch

Distance between three rivets divided by two as shown.

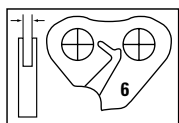
- 1 = 1/4"
- 2 = .325"
- 3 = 3/8"
- 4 = .404"
- 6 = STIHL PICCO™ (3/8" Extended)
- 7 = STIHL PICCO™ (1/4" Extended)



### 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

### WARNINGS:

\* 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.

\*\* 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.

\*\*\* 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	Rec. Chain Loop Marketing #	Rec. Guide Bar Part #	Guide Bar Type*	Sprocket Nose Teeth			
MS 170, MS 171, MS 180, MS 180 C-BE, MS 181 C-BE, MS 192 C-E, MS 192 T C-E	3/8" STIHL PICCO™ Micro™ Mini	.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			
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	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			
MS 192 C-E, MS 192 T, MS 193 C-E, MS 193 T, MS 201 C-EM, MS 201 T C-M	3/8" STIHL PICCO™	.050"	12"	44	63 PM3 44	3005 000 7409	LW	9			
			14"	50	63 PM3 50	3005 000 7409	LW	9			
			16"	55	63 PM3 55	3005 000 7413	LW	9			
MS 241 C-M, MS 250, MS 251, MS 251 C-BE	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			
MS 271	.325"	.063"	16"	62	26 RM3 62	3005 000 4713	R	11			
			18"	68	26 RM3 68	3005 008 4717	R	11			
			20"	81	26 RM3 81	3003 810 7121	R	11			
MS 261 MS 261 C-M MS 261 C-MQ	.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			
MS 291 MS 291 C-BEQ	.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			
MS 311 MS 391 MSE 250 C B-Q	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			
MS 362, 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	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	11			
MS 661 C-M, MS 661 R C-M	3/8"	.050"	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			
			3/8"	.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	
			MS 880*** MS 880 R	3/8"	.063"	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
						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
MS 880*** MS 880 R	3/8"	.063"	25"	84	36 RS3 84	3003 000 6038*	RS	11			
			28"	91	36 RS3 91	3003 000 6041*	RS	11			
			32"	105	36 RS3 105	3003 000 6046*	RS	11			
MS 880*** MS 880 R	3/8"	.063"	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			
MS 880*** MS 880 R	3/8"	.063"	36**	115	36 RS3 115	3003 000 9853*	RS	13			
			32"	95	46 RS 95**	3003 000 7346*	RS	10			
			36"	104	46 RS 104**	3003 000 7353*	RS	10			
MS 880*** MS 880 R	3/8"	.063"	21"	75	36 RS3 75	3002 000 9123	RS	10			
			25"	80	46 RS 80**	3002 000 9731*	RS	12			
			30"	91	46 RS 91**	3002 000 9741*	RS	12			
MS 880*** MS 880 R	3/8"	.063"	36"	108	46 RS 108**	3002 000 9753*	RS	12			
			41"	123	46 RS 123**	3002 000 9757*	RS	12			
			59"	173	46 RS 173***	3002 000 9576	RS	12			
MS 880*** MS 880 R	3/8"	.063"	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.

Note: Specifications are as of October 1, 2017. For most recent updates, visit [STIHLusa.com](http://STIHLusa.com).

### 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.

# Saw Chain and Guide Bar Accessory Part Numbers

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	Part Number
1/4" STIHL PICCO™ 3.2 mm (1/8") File in 3-Pack Sleeve	7010 871 0394
3/8" STIHL PICCO™ 1/4" 4.0 mm (5/32") File in 3-Pack Sleeve	7010 871 0395
.325" STIHL PICCO™ 4.5 mm (11/64") File in 3-Pack Sleeve	7010 871 0396
.325" STIHL PICCO™ 4.8 mm (3/16") File in 3-Pack Sleeve	7010 871 0397
3/8" STIHL PICCO™ 5.2 mm (13/64") File in 3-Pack Sleeve	7010 871 0398
.404" STIHL PICCO™ 5.5 mm (7/32") File in 3-Pack Sleeve	7010 871 0399
STIHL Special File for sharpening Square Ground Chisel Chain*	7010 871 0132
STIHL Flat File for maintaining Depth Gauges*	7010 871 0007

File Handles	Part Number
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

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

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	Part Number
14" 3005 Arbor Saw	0000 792 9160
16" 3005 Arbor Saw	0000 792 9161
10" 3005 Mini	0000 792 9170
14" 3005 Mini	0000 792 9171
14" 3005	0000 792 9172
18" 3005	0000 792 9173
15" 3003	0000 792 9174
18" 3003	0000 792 9175
22" 3003, 3002	0000 792 9176
25" 3003, 3002	0000 792 9177
30" 3003, 3002	0000 792 9178
36" 3003, 3002	0000 792 9179
Extension 12"	0000 792 9140

Woodsmen Saw Carrying Case	Part Number
Woodsmen 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 Woodsmen Case	0000 792 9127

STIHL File Guides & Holders	File Size	Part Number
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



## BF Mini-Cultivator

This lightweight cultivator is ideal for flower bed rejuvenation and mixing amendments into the soil.



## FCS Edger

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



## FH 145° Power Scythe

This power scythe attachment has an adjustable 145° range for trimming grass in parking lots or close to buildings.



## HL 0° Hedge Trimmer

This efficient and agile hedge trimmer attachment makes it easier to access those hard-to-reach hedges.



## HL 145° Hedge Trimmer

This hedge trimmer attachment has an adjustable range of 145° with 13 locking positions. Cutter bar folds for transport and storage.



## HT Pole Pruner

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



## KB Bristle Brush

This attachment makes quick work of big sweeping jobs with its durable nylon bristles and a wide sweeping surface. One pass covers an area up to 24" wide.

**Note:** Do not use on grass lawns.



## KW STIHL PowerSweep™

This rubber-paddled broom attachment is great for construction clean-up, winter clean-up and street maintenance.

## Handle and Gearbox Compatibility by Model

	FS 90, 91	FS 110, 111	FS 130, 131	FS 240, 250	HL 100 K (0°)	HT 100, 130	FC 95, 96	FC 110, 111	FS 90 R, 91 R	FS 110 R, 111 R	HL 100 (135°)	HL 100 K (135°)	FC 95, 96	FC 110, 111	FS 90 R, 91 R	FS 110 R, 111 R	FS 130 R, 131 R	FS 240 R, 250 R	HL 100	HL 100 (135°)	HL 100 K (135°)	
	Bike Handle				Handle Grip	Loop Handle				Loop Handle with Barrier Bar												
BF Mini Cultivator	●	●	●	●																		
FCS Edger							●	●	●	●	●			●	●	●	●	●	●	●	●	●
FH 145° Power Scythe	●	●	●											●	●	●	●	●	●	●	●	●
HT Pole Pruner						●																
HL 0° Hedge Trimmer					●																	
HL 145° Hedge Trimmer																						
KB Bristle Brush							●	●	●	●	●	●		●	●	●	●	●	●	●	●	●
KW STIHL PowerSweep™							●	●	●	●	●	●		●	●	●	●	●	●	●	●	●

● Acceptable

\*Trimmers equipped with loop handles (R). For models which are/were available with optional handles, "R" denotes loop handle version.















**Note:** Specifications are as of October 1, 2017. For most recent updates, visit [STIHLusa.com](http://STIHLusa.com).

### IMPORTANT INFORMATION

**WARNING:** When using HL or FS attachments on the FS 85, FS 90 R, FS 91 R, FS 110, FS 111 R, FS 130 and FS 131 R with loop handle (R), a barrier bar (#4130-791-4400) must be attached. These attachments should NOT be used on the FS 85 RX, FS 100 RX or FS 111 RX.

# Cutting Head Part Numbers

Head/Blade Type	Part Number	Trimmer Line Diameters		FSA 45	FSA 56	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**
		Standard	Optional							
<b>Light Grass Trimmer Heads</b>										
STIHL SuperCut™	20-2	4002 710 2184	.095"	—					●	●
STIHL SuperCut™	40-2	4003 710 2142	.095"	—						
AutoCut® C	4-2	4006 710 2123	.080"	—			●			
AutoCut® C	5-2	4006 710 2106	.080"	—		●			●	
AutoCut® C	6-2	4006 710 2126	—	—		●			●	
AutoCut® C	25-2	4002 710 2196	.095"	—						●
AutoCut® C	26-2	4006 710 2169	—	—						●
AutoCut®	2-2	4008 710 2103	.080"	—	●					
AutoCut®	5-2	4006 710 2103	.080"	—		●			●	
AutoCut®	11-2	4004 710 2192	.095"	.080"						
AutoCut®	25-2	4002 710 2191	.095"	.105"				●		●
AutoCut® (Discontinued)	30-2	4002 710 2187	.105"	.118"						
AutoCut®	36-2	4002 710 2170	.105"	.118"/.130"						
AutoCut® (Discontinued)	40-2	4003 710 2189	.105"	.118"						
AutoCut®	46-2	4003 710 2115	.105"	.118"/.130"						
AutoCut® (Discontinued)	40-4	4005 710 2102	.105"	.118"						
AutoCut®	56-2	4005 710 2107	.105"	.118"/.130"						
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"						
FixCut™	30-2	4001 710 2103	—	.080"/.095"/.105"				●		●
<b>NEW!</b> FixCut™	31-2	4001 710 2105	—	.080"/.095"/.105"				●		●

<p><b>Grass around obstacles</b></p> 	<p><b>DuroCut line head</b></p>  <p>Ideal trimmer head if you prefer manual heads that require precut lengths of nylon line, even when operating in severe applications.</p>	<p><b>TrimCut™ line head</b></p>  <p>Double line for mowing and trimming. The nylon line length is adjusted by hand.</p>	<p><b>AutoCut® line head</b></p>  <p>Double or quadruple line for mowing and trimming. The nylon line length is adjusted by tapping the cutting head against the ground.</p>	<p><b>STIHL SuperCut™ line head</b></p>  <p>Double line for mowing and trimming. The mowing line is automatically kept at the optimum cutting length.</p>
<p><b>Light vegetation</b></p> 	<p><b>DuroCut line head</b></p>  <p>Ideal trimmer head if you prefer manual heads that require precut lengths of nylon line, even when operating in severe applications.</p>	<p><b>AutoCut® line head</b></p>  <p>Double or quadruple line for mowing and trimming. The nylon line length is adjusted by tapping the cutting head against the ground.</p>	<p><b>STIHL SuperCut™ line head</b></p>  <p>Double line for mowing and trimming. The mowing line is automatically kept at the optimum cutting length.</p>	<p><b>STIHL PolyCut™ mowing head</b></p>  <p>Universal cutting tool for trimming and working on large areas. With three pivoting thermoplastic blades.</p>
<p><b>Heavy vegetation</b></p> 	<p><b>DuroCut line head</b></p>  <p>Ideal trimmer head if you prefer manual heads that require precut lengths of nylon line, even when operating in severe applications.</p>	<p><b>Grass cutting blade</b></p>  <p>Reversible steel quadruple blade. For working on large areas of tough grass.</p>	<p><b>Grass cutting blade</b></p>  <p>Steel blade with eight teeth. For mowing thick dry grass and reeds.</p>	

# Cutting Head Part Numbers

FS 55 R FS 55 RC-E FS 56 RC-E FS 70 R FS 94 R	FS 80 R FS 90 R, 91 R FS 110 R, 111 R FS 130 R, 131 R	FS 100 RX FS 111 RX	FS 80, FS 90, 91 FS 110, 111 FS 130, 131	FS 240 FS 250	FS 240 R FS 250 R	FS 310 FS 311 FS 350	FS 360 C-E FS 360 C-EM FS 460 C-EM	FS 450 K	FS 550 FS 560 C-EM	FSB-KM with KM 55 R, 56 R 90 R, 91 R 110 R, 111 R	FS-KM with KM 55 R, KM 56 R	FS-KM with KM 90 R 91 R, 94 R 110 R, 111 R 130 R, 131 R
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●	●	●	●	●	●		●	●	●			●	●
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## Reeds and bushes



## Brush knife

Steel triple blade. For trimming and removing tough, tangled grass, scrub and thorny bushes.



## Circular saw blade, scratcher tooth

Special steel tool for mid-range brushcutters upwards. For gnarled bushes and thin tree trunks.



## Brushes and thin trees



## Circular saw blade, scratcher tooth

Special steel tool for mid-range brushcutters upwards. For gnarled bushes and thin tree trunks.



## Circular saw blade, chisel tooth

Special steel tool for mid-range brushcutters upwards. For gnarled bushes, thin tree trunks, sawing and clearing.



### 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.

\*Trimmers equipped with loop handles. For models that are/were available with optional handles, "R" denotes loop handle version.

● 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.

1 Not for use on FS 240 or FS 240 R

2 Not for use on FS 94 R

3 Not for use on FS 100 RX

4 Not for use on FS 80, FS 80 R, FS 90, FS 90 R, FS 110 or FS 110 R

**Note:** Numbers with "mm" show arbor size. Consult your instruction manual or your authorized STIHL Dealer for approved cutting head/deflector combinations.

**Note:** Barrier bar and large deflector must be attached when using a metal blade with loop (R) handle trimmer.

**Note:** Specifications are as of October 1, 2017. For most recent updates, visit [STIHLusa.com](http://STIHLusa.com).

### 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.

# Cutting Head Part Numbers

Head/Blade Type	Part Number	Trimmer Line Diameters		FSA 45	FSA 56	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**	
		Standard	Optional									
<b>Heavy Grass / Mowing Heads &amp; Blades</b>												
TrimCut™	31-2	4002 710 2156	.105"	.095"								●
TrimCut™	41-2	4003 710 2108	.105"	.095"								
TrimCut™	51-2	4005 710 2104	.105"	.095"								
STIHL PolyCut™	2-2	4008 710 2102			●							
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										●
Grass-4	25.4 mm	4001 713 3801										●**
Grass-4	20 mm	4000 713 3801										
Grass-8	25.4 mm	4001 713 3803										●**
Grass-8	20 mm	4000 713 3802										
<b>Brush Knives</b>												
Brush Knife-250 mm	25.4 mm	4112 713 4100										
Brush Knife-300 mm	20 mm	4119 713 4100										
Brush Knife-350 mm	20 mm	4110 713 4100										
<b>Forestry Saw Blades</b>												
Scratcher-200 mm	25.4 mm	4112 713 4201										
Scratcher-200 mm	20 mm	4000 713 4200										
Scratcher-225 mm	20 mm	4000 713 4205										
Scratcher-250 mm	20 mm	4104 713 4200										
Chisel-200 mm	25.4 mm	4112 713 4203										
Chisel-200 mm	20 mm	4119 713 4200										
Chisel-225 mm	20 mm	4110 713 4204										





Our Polymers Department has over 65 injection-molding machines running 24 hours a day, seven days a week, 350 days a year. The department produces over two million parts each week and is one of the largest technical injection-molding operations in America.



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**Normalyn Arenas**  
**STIHL Employee, Plastics**

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# Landscaping Tools Specifications

Model	Displacement	Engine Power	Weight*	Fuel Capacity	Easy2Start™ (E)	Solid Driveshaft	Interchangeable Gearboxes/ Attachments
<b>Trimmers &amp; Brushcutters</b>							
FS 38	27.2 cc (1.66 cu. in.)	0.65 kW (0.87 bhp)	4.2 kg (9.3 lbs.)	330 cc (11.2 oz.)	—	—	—
FS 40 C-E	27.2 cc (1.66 cu. in.)	0.7 kW (0.94 bhp)	4.5 kg (9.9 lbs.)	340 cc (11.5 oz.)	●	—	—
FS 50 C-E	27.2 cc (1.66 cu. in.)	0.8 kW (1.07 bhp)	4.6 kg (10.1 lbs.)	340 cc (11.5 oz.)	●	—	—
FS 56 C-E	27.2 cc (1.66 cu. in.)	0.8 kW (1.07 bhp)	5.2 kg (11.5 lbs.)	340 cc (11.5 oz.)	●	—	—
FS 56 RC-E	27.2 cc (1.66 cu. in.)	0.8 kW (1.07 bhp)	4.8 kg (10.6 lbs.)	340 cc (11.5 oz.)	●	—	—
FS 70 R	27.2 cc (1.66 cu. in.)	0.9 kW (1.2 bhp)	4.8 kg (10.6 lbs.)	340 cc (11.5 oz.)	—	—	—
FS 91	28.4 cc (1.73 cu. in.)	0.95 kW (1.27 bhp)	5.8 kg (12.8 lbs.)	710 cc (24.0 oz.)	—	●	●
FS 91 R	28.4 cc (1.73 cu. in.)	0.95 kW (1.27 bhp)	5.5 kg (12.1 lbs.)	710 cc (24.0 oz.)	—	●	●
FS 94 R	24.1 cc (1.47 cu. in.)	0.9 kW (1.2 bhp)	4.6 kg (10.1 lbs.)	540 cc (18.3 oz.)	—	—	—
FS 111 RX	31.4 cc (1.9 cu. in.)	1.05 kW (1.4 bhp)	5.0 kg (11.0 lbs.)	710 cc (24.0 oz.)	—	—	—
FS 111	31.4 cc (1.9 cu. in.)	1.05 kW (1.4 bhp)	5.8 kg (12.8 lbs.)	710 cc (24.0 oz.)	—	●	●
FS 111 R	31.4 cc (1.9 cu. in.)	1.05 kW (1.4 bhp)	5.5 kg (12.1 lbs.)	710 cc (24.0 oz.)	—	●	●
FS 131	36.3 cc (2.2 cu. in.)	1.4 kW (1.9 bhp)	5.8 kg (12.8 lbs.)	710 cc (24.0 oz.)	—	●	●
FS 131 R	36.3 cc (2.2 cu. in.)	1.4 kW (1.9 bhp)	5.5 kg (12.1 lbs.)	710 cc (24.0 oz.)	—	●	●
FS 240	37.7 cc (2.3 cu. in.)	1.7 kW (2.3 bhp)	6.9 kg (15.2 lbs.)	750 cc (25.4 oz.)	—	●	●
FS 240 R	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>NEW!</b> FS 311	36.3 cc (2.2 cu. in.)	1.4 kW (1.9 bhp)	7.2 kg (15.9 lbs.)	710 cc (24.0 oz.)	—	●	—
FS 360 C-EM	37.7 cc (2.3 cu. in.)	1.7 kW (2.3 bhp)	8.5 kg (18.7 lbs.)	750 cc (25.4 oz.)	●	●	—
FS 460 C-EM	45.6 cc (2.8 cu. in.)	2.2 kW (3.0 bhp)	8.5 kg (18.7 lbs.)	750 cc (25.4 oz.)	●	●	—
FS 560 C-EM	57.1 cc (3.48 cu. in.)	2.8 kW (3.75 bhp)	10.2 kg (22.5 lbs.)	990 cc (33.5 oz.)	●	●	—

● Standard ■ Optional \*Dry weight without cutting attachment or deflector.

**Note:** Specifications are as of October 1, 2017. For most recent updates, visit [STIHLusa.com](http://STIHLusa.com).

**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.

Model	Displacement	Engine Power	Weight*	Fuel Capacity	Gear Ratio	Maximum Blade Speed	Easy2Start™ (E)
<b>Edgers</b>							
FC 56 C-E	27.2 cc (1.66 cu. in.)	0.8 kW (1.07 bhp)	6.1 kg (13.5 lbs.)	340 cc (11.5 oz.)	1:1.24	8,300 rpm	●
FC 70	27.2 cc (1.66 cu. in.)	0.9 kW (1.2 bhp)	5.9 kg (13.0 lbs.)	340 cc (11.5 oz.)	1:1.24	8,300 rpm	—
FC 91	28.4 cc (1.73 cu. in.)	0.95 kW (1.27 bhp)	6.0 kg (13.2 lbs.)	710 cc (24.0 oz.)	1:1.24	8,100 rpm	—
FC 96	28.4 cc (1.73 cu. in.)	0.95 kW (1.27 bhp)	6.2 kg (13.7 lbs.)	710 cc (24.0 oz.)	1:2.09	4,800 rpm	—
FC 111	31.4 cc (1.9 cu. in.)	1.05 kW (1.4 bhp)	6.2 kg (13.7 lbs.)	710 cc (24.0 oz.)	1:2.09	4,800 rpm	—
<b>Bed Redefiner</b>							
FB 131	36.3 cc (2.2 cu. in.)	1.4 kW (1.9 bhp)	7.8 kg (17.2 lbs.)	710 cc (24.0 oz.)	1:2.09	4,800 rpm	—

● Standard ■ Optional \*Dry weight.

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# Landscaping Tools Specifications

Model	Displacement	Engine Power	Weight*	Fuel Capacity	Low-Emission Engine	Easy2Start™ (E)
<b>Hedge Trimmers</b>						
HS 45	27.2 cc (1.66 cu. in.)	0.75 kW (1.01 bhp)	4.7 kg (10.4 lbs.)	230 cc (7.8 oz.)	—	—
HS 46 C-E	21.4 cc (1.31 cu. in.)	0.65 kW (0.87 bhp)	4.3 kg (9.5 lbs.)	280 cc (9.5oz.)	●	●
HS 56	21.4 cc (1.31 cu. in.)	0.65 kW (0.87 bhp)	4.5 kg (9.9 lbs.)	280 cc (9.5oz.)	●	—
HS 82 R	22.7 cc (1.4 cu. in.)	0.7 kW (0.94 bhp)	24*/5.4 kg (11.9 lbs.) 30*/5.7 kg (12.6 lbs.)	460 cc (15.6 oz.)	●	—
HS 82 T	22.7 cc (1.4 cu. in.)	0.7 kW (0.94 bhp)	24*/5.1 kg (11.2 lbs.) 30*/5.3 kg (11.7 lbs.)	460 cc (15.6 oz.)	●	—
HS 87 R	22.7 cc (1.4 cu. in.)	0.7 kW (0.94 bhp)	30*/5.5 kg (12.1 lbs.)	460 cc (15.6 oz.)	●	—
HS 87 T	22.7 cc (1.4 cu. in.)	0.7 kW (0.94 bhp)	30*/5.2 kg (11.5 lbs.) 40*/5.5 kg (12.1 lbs.)	460 cc (15.6 oz.)	●	—
<b>Extended Length Tools</b>						
HL 56 K (0°)	27.2 cc (1.66 cu. in.)	0.8 kW (1.07 bhp)	5.7 kg (12.6 lbs.)	340 cc (11.5 oz.)	●	—
HL 91 K (0°)	24.1 cc (1.5 cu. in.)	0.9 kW (1.2 bhp)	5.4 kg (11.9 lbs.)	540 cc (18.3 oz.)	●	—
HL 94 K (0°)	24.1 cc (1.5 cu. in.)	0.9 kW (1.2 bhp)	5.5 kg (12.1 lbs.)	540 cc (18.3 oz.)	●	—
HL 94 K (145°)	24.1 cc (1.5 cu. in.)	0.9 kW (1.2 bhp)	5.8 kg (12.8 lbs.)	540 cc (18.3 oz.)	●	—
HL 94 (145°)	24.1 cc (1.5 cu. in.)	0.9 kW (1.2 bhp)	6.2 kg (13.7 lbs.)	540 cc (18.3 oz.)	●	—
HT 56 C-E	27.2 cc (1.66 cu. in.)	0.8 kW (1.07 bhp)	5.8 kg (12.8 lbs.)	340 cc (11.5 oz.)	●	●
HT 103	31.4 cc (1.9 cu. in.)	1.05 kW (1.4 bhp)	7.0 kg (15.5 lbs.)	530 cc (18.0 oz.)	●	—
HT 132	36.3 cc (2.2 cu. in.)	1.4 kW (1.9 bhp)	5.1 kg (11.3 lbs.)	530 cc (18.0 oz.)	●	—
HT 133	36.3 cc (2.2 cu. in.)	1.4 kW (1.9 bhp)	7.2 kg (15.9 lbs.)	530 cc (18.0 oz.)	●	—
HT 250	40.2 cc (2.45 cu. in.)	1.6 kW (2.15 bhp)	6.0 kg (13.3 lbs.)	640 cc (21.6 oz.)	—	—
<b>Drills &amp; Augers</b>						
BT 45 Drill	27.2 cc (1.66 cu. in.)	0.8 kW (1.07 bhp)	4.8 kg** (10.5 lbs.)	250 cc (8.5 oz.)	—	—
BT 45 Auger	27.2 cc (1.66 cu. in.)	0.8 kW (1.07 bhp)	4.8 kg** (10.5 lbs.)	250 cc (8.5 oz.)	—	—
BT 131 Auger	36.3 cc (2.2 cu. in.)	1.4 kW (1.9 bhp)	10.0 kg** (22.0 lbs.)	710 cc (24.0 oz.)	●	—
<b>Multi-Task Tools</b>						
KM 56 RC-E	27.2 cc (1.66 cu. in.)	0.8 kW (1.07 bhp)	4.3 kg** (9.5 lbs.)	340 cc (11.5 oz.)	●	●
KM 91 R	28.4 cc (1.73 cu. in.)	0.95 kW (1.27 bhp)	4.4 kg** (9.7 lbs.)	710 cc (24.0 oz.)	●	—
KM 94 R	24.1 cc (1.47 cu. in.)	0.9 kW (1.2 bhp)	4.0 kg** (8.8 lbs.)	540 cc (18.3 oz.)	●	—
KM 111 R	31.4 cc (1.9 cu. in.)	1.05 kW (1.4 bhp)	4.4 kg** (9.7 lbs.)	710 cc (24.0 oz.)	●	—
KM 131 R	36.3 cc (2.2 cu. in.)	1.4 kW (1.9 bhp)	4.4 kg** (9.7 lbs.)	710 cc (24.0 oz.)	●	—
MM 55	27.2 cc (1.66 cu. in.)	0.8 kW (1.07 bhp)	9.5 kg** (20.9 lbs.)	330 cc (11.2 oz.)	—	—
MM 55 C-E	27.2 cc (1.66 cu. in.)	0.8 kW (1.07 bhp)	9.8 kg** (21.6 lbs.)	330 cc (11.2 oz.)	—	●

● Standard ■ Optional \*Dry weight only. \*\*Dry weight and powerhead only.

Note: Specifications are as of October 1, 2017. For most recent updates, visit [STIHLusa.com](http://STIHLusa.com).

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# Battery-Powered Tools

Model	Voltage / Battery Type	Weight* w/o Battery	Weight* w/ Rec. Battery	Available Bar Length	Saw Chain	Quick Chain Adjuster (B)	STIHL Quickstop® Plus (Q)
<b>Battery-Powered Chain Saws</b>							
MSA 120 C-BQ	36 V / AK	2.2 kg (4.8 lbs.)	3.8 kg (8.4 lbs.) AK 20	25 or 30 cm (10" or 12")	1/4" STIHL PICCO™	●	●
<b>NEW!</b> MSA 140 C-BQ	36 V / AK	2.2 kg (4.8 lbs.)	3.8 kg (8.4 lbs.) AK 30	30 cm (12")	1/4" STIHL PICCO™	●	●
MSA 160 C-BQ	36 V / AP	3.1 kg (6.8 lbs.)	4.9 kg (10.6 lbs.) AP 300	25 or 30 cm (10" or 12")	1/4" STIHL PICCO™	●	●
MSA 200 C-BQ	36 V / AP	3.3 kg (7.3 lbs.)	5.0 kg (11.0 lbs.) AP 300	25 to 35 cm (10" to 14")	1/4" STIHL PICCO™	●	●

Model	Voltage / Battery Type	Weight** w/o Battery	Weight** w/ Rec. Battery	Cutting Width	Line	Telescoping Handle
<b>Battery-Powered Grass Trimmers</b>						
FSA 45	18 V / AI	N/A	2.3 kg (5.1 lbs.)	23 cm (9")	STIHL PolyCut, 0.65"	●
FSA 56	36 V / AK	2.5 kg (5.5 lbs.)	3.3 kg (7.3 lbs.) AK 10	28 cm (11")	0.65", 0.80" Quiet Line	●
FSA 65	36 V / AP	2.7 kg (6.0 lbs.)	3.5 kg (7.7 lbs.) AP 100	30 cm (12")	0.80" Quiet Line	—
FSA 85	36 V / AP	2.8 kg (6.2 lbs.)	4.5 kg (9.9 lbs.) AP 300	35 cm (14")	0.80" Quiet Line	—
FSA 90 R	36 V / AP	2.8 kg (6.2 lbs.)	4.5 kg (9.9 lbs.) AP 300	38 cm (15")	0.95" Quiet Line	—

Model	Voltage / Battery Type	Weight w/o Battery	Weight w/ Rec. Battery	Blade Length	Strokes per Minute	Double-Sided Blade	Built-In Hanging Slot
<b>Battery-Powered Hedge Trimmers</b>							
<b>NEW!</b> HSA 25		0.6 kg (1.3 lbs.)	0.8 kg (1.8 lbs.)***	17.0 cm (6.7") Hedge 11.0 cm (4.3") Grass	2,000	●	—
HSA 45	18 V / AI	N/A	2.3 kg (5.1 lbs.)	50 cm (20")	2,500	●	●
HSA 56	36 V / AK	2.9 kg (6.4 lbs.)	3.7 kg (8.1 lbs.) AK 10	45.7 cm (18")	2,800	●	●
HSA 66	36 V / AP	3.1 kg (6.8 lbs.)	4.8 kg (10.6 lbs.) AP 300	50 cm (20")	3,000	●	●

Model	Voltage / Battery Type	Weight w/o Battery	Weight w/ Rec. Battery	Blade Length / Guide Bar Length	Saw Chain	Strokes per Minute
<b>Battery-Powered Extended-Reach Trimmers &amp; Saws</b>						
HLA 65	36 V / AP	3.4 kg (7.5 lbs.)	5.2 kg (11.4 lbs.) AP 300	50 cm (20")	N/A	3,000
HLA 85	36 V / AP	4.0 kg (8.8 lbs.)	6.1 kg (13.5 lbs.) AP 300	50 cm (20")	N/A	3,000
HTA 65	36 V / AP	3.8 kg (8.4 lbs.)	5.5 kg (12.2 lbs.) AP 300	25 or 30 cm (10" or 12")	1/4" STIHL PICCO™	N/A
HTA 85	36 V / AP	4.9 kg (10.8 lbs.)	6.6 kg (14.6 lbs.) AP 300	25 or 30 cm (10" or 12")	1/4" STIHL PICCO™	N/A

Model	Voltage / Battery Type	Weight w/o Battery	Weight w/ Rec. Battery	Average Air Velocity****	Air Volume at Nozzle****	Sound Pressure Rating dB(a)****	Blowing Force/ Newtons
<b>Battery-Powered Handheld Blowers</b>							
BGA 45	18V / AI	N/A	2.0 kg (4.4 lbs.)	38 m/sec 85 mph	400 m³/h 235 cfm	60 dB(a)	9
BGA 56	36 V / AK	2.1 kg (4.6 lbs.)	3.3 kg (7.3 lbs.) AK 20	45 m/sec (100 mph)	600 m³/h (353 cfm)	63 dB(a)	10
BGA 85	36 V / AP	3.2 kg (7.0 lbs.)	4.9 kg (10.8 lbs.) AP 300	47 m/sec (104 mph)	665 m³/h (391 cfm)	64 dB(a)	10
BGA 100	36 V / AP	2.5 kg (5.5 lbs.)	10.6 kg (23.4 lbs.) AR 3000	63 m/sec (141 mph)	840 m³/h (494 cfm)	56 dB(a)	17

Model	Motor Output / Battery Type	Weight w/o Battery	Weight w/ Rec. Battery	Cutting Width	Deck Width	Cutting Height	Grass Catcher Capacity
<b>Battery-Powered Lawnmowers</b>							
RMA 370	600 w / AP	12.2 kg (26.8 lbs.)	13.9 kg (30.6 lbs.) AP 300	37 cm (14.5")	41.3 cm (16.25")	1.2" to 2.8"	39.7 L (10.5 gal.)
RMA 410 C	900 w / AP	18.2 kg (40.1 lbs.)	19.9 kg (43.9 lbs.) AP 300	41 cm (16.1")	45.1 cm (17.75")	1.0" to 3.0"	54.9 L (14.5 gal.)
<b>NEW!</b> RMA 460	36 V / AK	26.0 kg (57.0 lbs.)	27.3 kg (60.2 lbs.) AK 30	46 cm (18.1")	58.0 cm (19.0")	1.375" to 3.75"	60.0 L (15.85 gal.)
RMA 510	1,100 w / AP	28.1 kg (62.0 lbs.)	29.8 kg (65.7 lbs.) AP 300	51 cm (20.0")	53.3 cm (21.0")	1.375" to 3.75"	70.0 L (18.5 gal.)

Model	Motor Output / Battery Type	Weight w/o Battery	Weight w/ Rec. Battery	Cutting Height	Max. Run Time	Max. Terrain Slope	Max. Area Mowed
<b>Battery-Powered Robotic Lawnmowers</b>							
<b>NEW!</b> RMI 422 P		N/A	9.0 kg (18.9 lbs.)	0.79" to 2.4" (20-60 mm)	60 Minutes	22°	Approx. .25 acre
<b>NEW!</b> RMI 632 P		N/A	13.0 kg (28.6 lbs.)	0.79" to 2.4" (20-60 mm)	150 Minutes	24°	Approx. 1.0 acre

Model	Voltage / Battery Type	Weight w/o Battery	Weight w/ Rec. Battery	Arbor Size	Wheel Size	Maximum Cutting Depth
<b>Battery-Powered Cut-Off Machine</b>						
TSA 230	36 V / AP	3.9 kg (8.6 lbs.)	5.6 kg (12.3 lbs.) AP 300	2.2 cm (7/8")	22.9 cm (9")	7.0 cm (2.75")

\*Chain saw weights include recommended bar and chain combination.

\*\*Grass trimmer weights are without cutting attachment or guard. (FS 45, FS 56, FS 65)

\*\*\*Weight with grass shear attachment.

\*\*\*\*As per ANSI B 175.2 standard.

Note: Newton is the force needed to accelerate 1 kg of mass at a rate of 1 m/sec².

Note: Specifications are as of October 1, 2017. For most recent updates, visit [STIHLusa.com](http://STIHLusa.com).

## Battery Charge Times for 100% Charge

	AL 100 / AL 101	AL 300	AL 500
<b>Rechargeable Batteries</b>			
AK 10	80 minutes	30 minutes	30 minutes
AK 20	150 minutes	45 minutes	45 minutes
AK 30	205 minutes	60 minutes	60 minutes
AP 80	100 minutes	50 minutes	50 minutes
AP 100	90 minutes	50 minutes	35 minutes
AP 160	165 minutes	60 minutes	60 minutes
AP 180	210 minutes	70 minutes	25 minutes
AP 300	250 minutes	75 minutes	35 minutes
AR 2000	—	250 minutes	130 minutes
AR 3000	—	300 minutes	160 minutes

Note: Specifications are as of October 1, 2017. For most recent updates, visit [STIHLusa.com](http://STIHLusa.com).

# Battery-Powered Tools

## Maximum Operating Time\* – Battery / Power Tool Configuration

	Integrated	AK 10**	AK 20**	AK 30**	AP 80	AP 100	AP 160	AP 180	AP 300	AR 900	AR 2000	AR 3000
<b>Chain Saws</b>												
MSA 120 C-BQ	–	–	35 minutes	–	–	–	–	–	–	–	–	–
<b>NEW!</b> MSA 140 C-BQ	–	–	–	45 minutes	–	–	–	–	–	–	–	–
MSA 160 C-BQ	–	–	–	–	17 minutes	35 minutes	40 minutes	50 minutes	180 minutes	180 minutes	230 minutes	–
MSA 200 C-BQ	–	–	–	–	15 minutes	–	35 minutes	45 minutes	160 minutes	160 minutes	200 minutes	–
<b>Grass Trimmers</b>												
FSA 45	20 minutes	–	–	–	–	–	–	–	–	–	–	–
FSA 56	–	17 minutes	40 minutes	–	–	–	–	–	–	–	–	–
FSA 65	–	–	–	–	30 minutes	30 minutes	60 minutes	70 minutes	90 minutes	330 minutes	330 minutes	400 minutes
FSA 85	–	–	–	–	15 minutes	15 minutes	30 minutes	35 minutes	45 minutes	160 minutes	160 minutes	200 minutes
FSA 90 R	–	–	–	–	10 minutes	10 minutes	21 minutes	24 minutes	30 minutes	120 minutes	120 minutes	150 minutes
<b>Handheld Blowers***</b>												
BGA 45	10 minutes	–	–	–	–	–	–	–	–	–	–	–
BGA 56	–	9 minutes	20 minutes	–	–	–	–	–	–	–	–	–
BGA 85	–	–	–	–	7 minutes	7 minutes	16 minutes	17 minutes	24 minutes	90 minutes	90 minutes	115 minutes
BGA 100	–	–	–	–	10 minutes	10 minutes	22 minutes	25 minutes	34 minutes	130 minutes	130 minutes	160 minutes
<b>Hedge Trimmers</b>												
<b>NEW!</b> HSA 25	110 minutes	–	–	–	–	–	–	–	–	–	–	–
HSA 45	40 minutes	–	–	–	–	–	–	–	–	–	–	–
HSA 56	–	40 minutes	80 minutes	–	–	–	–	–	–	–	–	–
HSA 66	–	–	–	–	60 minutes	60 minutes	120 minutes	140 minutes	180 minutes	660 minutes	660 minutes	800 minutes
<b>Extended Reach Trimmers / Saws</b>												
HLA 65	–	–	–	–	60 minutes	60 minutes	–	140 minutes	180 minutes	660 minutes	660 minutes	800 minutes
HLA 85	–	–	–	–	60 minutes	60 minutes	–	140 minutes	180 minutes	660 minutes	660 minutes	800 minutes
HTA 65	–	–	–	–	–	17 minutes	–	40 minutes	50 minutes	180 minutes	180 minutes	230 minutes
HTA 85	–	–	–	–	–	17 minutes	35 minutes	40 minutes	50 minutes	180 minutes	180 minutes	230 minutes
<b>Lawnmowers (Measured in square feet of coverage)</b>												
RMA 370	–	–	–	–	–	1,500 sq. ft.	3,000 sq. ft.	3,300 sq. ft.	4,000 sq. ft.	–	–	–
RMA 410 C	–	–	–	–	–	1,600 sq. ft.	3,200 sq. ft.	3,500 sq. ft.	4,300 sq. ft.	–	–	–
<b>NEW!</b> RMA 460	–	–	–	3,500 sq. ft.	–	–	–	–	–	–	–	–
RMA 510	–	–	–	–	–	–	–	–	5,100 sq. ft.	–	–	–
<b>Cut-Off Machine</b>												
TSA 230	–	–	–	–	–	6 minutes	13 minutes	15 minutes	18 minutes	75 minutes	75 minutes	95 minutes

\*Times are based on fully charged battery and optimal operating conditions.

\*\*AK Series batteries work with these models only: MSA 120 C-BQ, MSA 140 C-BQ, FSA 56, BGA 56, and HSA 56.

\*\*\*Blowers are measured at mid-range power setting.

Note: Specifications are as of October 1, 2017. For most recent updates, visit [STIHLusa.com](http://STIHLusa.com).



# Protective Apparel Part Numbers

	Indoor/Outdoor	Grey/Smoke	Yellow/Clear	Brown/Coffee	Orange Orange Mirror	Blue Mirror Green Mirror	Silver Mirror/ Smoke Mirror	Red Mirror Brown Mirror	Sun Mirror/ Gold Mirror
<b>Protective Glasses</b>									
Black Widow Glasses	7010 884 0307						7010 884 0301		
Black Work Glasses		7010 884 0379				7010 884 0378	7010 884 0380		
Black Wrap Glasses		7010 884 0372				7010 884 0370		7010 884 0371	
Blue Mirror Glasses – Blue Frame						7010 884 0384			
Blue Mirror Glasses – Red Frame						7010 884 0385			
Camo Glasses		7010 884 0320	7010 884 0321						
Cotton Candy Glasses		7010 884 0373	7010 884 0374						
Deputy Glasses		7010 884 0376				7010 884 0375		7010 884 0377	
<b>NEW!</b> Frosty Glasses						7010 884 0388	7010 884 0390		
Gridiron Glasses		7010 884 0356	7010 884 0355				7010 884 0357		
Hellfire Glasses		7010 884 0351					7010 884 0352		7010 884 0350
<b>NEW!</b> Hunter's Camo Glasses									7010 884 0389
Patterned Frame Glasses		7010 884 0381				7010 884 0382	7010 884 0383		
Sleek Line Glasses		7010 884 0325	7010 884 0333		7010 884 0324		7010 884 0326		
STIHL® HellRaiser™ Glasses		7010 884 0353				7010 884 0354			
STIHL® Pro Mark™ Goggles		7010 884 0363	7010 884 0362						
STIHL TIMBERSPORTS® Series Glasses							7010 884 0316		
Two-Tone Sport Glasses		7010 884 0369					7010 884 0368		
Two-Tone Work Glasses		7010 884 0386					7010 884 0387		
Ultra Flex Glasses		7010 884 0331		7010 884 0330		7010 884 0332			
White Ice Glasses					7010 884 0367	7010 884 0366	7010 884 0365		
ProPack 4-Pack Glasses		7010 884 0315	7010 884 0315						

## Head/Face/Hearing Protection

Brush Shield Protector	0000 886 0210
Pro Mark™ Forestry Helmet	7010 871 0199
STIHL® Arborist Helmet	7010 883 9100
STIHL® Construction Hard Hat System	0000 884 0175
STIHL® Forestry Helmet System	0000 886 0100
STIHL® Woodcutter Helmet	7010 886 0109
Basic Hearing Protector – HP 23	7010 884 0503
Camouflage Hearing Protector	0000 884 0513
Cotton Candy Hearing Protector	7010 884 0507
Orange Hearing Protector	0000 886 0402
Pro Mark™ Hearing Protector – HP 29	7010 884 0502
Tune-Up Headphone Radio – HP 25 R	7010 884 0501
NRR 27 Reusable Ear Plugs	7010 884 0401
NRR 32 Foam Ear Plugs	7010 884 0404

## Accessories

Eyewear Pouch	0000 886 2200
First Aid Kit Belt Pouch	0463 901 0511
First Aid Kit Pouch and Refill	7010 871 0193
First Aid Kit Refill	0463 901 0551
Lawn Mower Bag	0797 010 1900
Lawn Mower Bag – Personalized	0797 010 1901
Leg Buckle for Chaps 1" – Replacement	0000 886 5803
Waist Buckle for Chaps 1.5" – Replacement	0000 886 5802
Waist Extender for Chaps 12"	0000 886 5901
Wedge and Tool Pouch	0000 886 1600

Small Medium Large

## Duffel Bags

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

Black Coyote

## Chain Saw Protective Pants

Size	Waist	Inseam		
S	30" – 32"	30"		7010 885 6116
S	30" – 32"	32"		7010 885 6117
S	30" – 32"	34"		7010 885 6124
S	30" – 32"	36"	7010 885 6103	7010 885 6119
M	34" – 36"	30"	7010 885 6104	7010 885 6120
M	34" – 36"	32"	7010 885 6105	7010 885 6121
M	34" – 36"	34"	7010 885 6106	7010 885 6122
M	34" – 36"	36"	7010 885 6107	7010 885 6123
L	38" – 40"	30"	7010 885 6108	7010 885 6124
L	38" – 40"	32"	7010 885 6109	7010 885 6125
L	38" – 40"	34"	7010 885 6110	7010 885 6126
L	38" – 40"	36"	7010 885 6111	7010 885 6127
XL	42" – 44"	30"	7010 885 6112	7010 885 6128
XL	42" – 44"	32"	7010 885 6113	7010 885 6129
XL	42" – 44"	34"	7010 885 6114	7010 885 6130
XL	42" – 44"	36"	7010 885 6115	7010 885 6131

Size STIHL Pro Mark™ Chain Saw Boot STIHL Performance Forestry Boot Medium Wide

## Protective Boots

6.5	0000 885 3839	7010 885 3800	7010 885 3811
7	0000 885 3839	7010 885 3812	7010 885 3813
7.5	0000 885 3840	7010 885 3814	7010 885 3815
8	0000 885 3840	7010 885 3816	7010 885 3817
8.5	0000 885 3841	7010 885 3818	7010 885 3819
9	0000 885 3842	7010 885 3820	7010 885 3821
9.5	0000 885 3843	7010 885 3822	7010 885 3823
10	0000 885 3844	7010 885 3824	7010 885 3825
10.5	0000 885 3844	7010 885 3826	7010 885 3827
11	0000 885 3845	7010 885 3828	7010 885 3829
11.5	0000 885 3845	7010 885 3830	7010 885 3831
12	0000 885 3846	7010 885 3832	7010 885 3833
12.5	0000 885 3846	7010 885 3834	7010 885 3835
13	0000 885 3847	7010 885 3836	7010 885 3837
13.5	0000 885 3847	7010 885 3838	7010 885 3839
14	0000 885 3848	7010 885 3840	7010 885 3841

# Protective Apparel Part Numbers

	Small	Medium	Large	X-Large	XX-Large	XXX-Large
<b>Chain Saw Protective Apparel</b>						
Performance Cut-Retardant Mitts	0000 886 1100	0000 886 1101	0000 886 1102	0000 886 1103		
Pro Mark™ Cut-Retardant Gloves	0000 883 1500	0000 883 1501	0000 883 1502	0000 883 1504	0000 883 1504	
Pro Mark™ Cut-Retardant Shirt	0000 886 3516	0000 886 3517	0000 886 3518	0000 886 3519	0000 886 3520	0000 886 3521
Winter Performance Protective Pants – 6 layer	0797 901 0001	0797 901 0002	0797 901 0003	0797 901 0004		

	32" length	36" length	40" length	44" length	Medium	Large
<b>Chain Saw Protective Apparel</b>						
Apron Chaps / Orange – 6 layer	0000 886 3201	0000 886 3202	0000 886 3203			
Apron Chaps / TruTimber Camo – 6 layer	0463 092 0101	0463 092 0201	0463 092 0301			
Performance Hi-Vis Apron Chaps – 6 layer	7010 884 0827	7010 884 0828	7010 884 0829	7010 884 0830		
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			
Pro Mark™ Hi-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				
Skidder Bib Chap / Orange – 6 layer					0797 901 0012	0797 901 0013
Woodcutter Chaps / Black – 6 layer	7010 884 0800	0797 333 9200				
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			

	Small	Medium	Large	X-Large	XX-Large
<b>Non-Protective Apparel</b>					
Chapron			0797 110 9000		
Forestry Tool Vest			0797 333 9000	0797 333 9001	0797 333 9002
Reflective Safety Pants		7010 883 2600	7010 883 2600	7010 883 2601	7010 883 2601
Reflective Safety Vest		7010 884 0600	7010 884 0601	7010 884 0602	7010 884 0603
Shop Apron			0000 886 3200		
Woodcutter Winter Shirt	0797 333 9115	0797 333 9116	0797 333 9117	0797 333 9118	0797 333 9119
Woodcutter Work Shirt / Orange	0797 333 9105	0797 333 9106	0797 333 9107	0797 333 9108	0797 333 9109
Woodcutter Work Shirt / Orange/Blue	0797 333 9100	0797 333 9101	0797 333 9102	0797 333 9103	0797 333 9104

	Small	Medium	Large	X-Large	XX-Large
<b>Protective Gloves</b>					
Anti-Vibration Gloves			7010 884 1128	7010 884 1129	
Cotton Candy Gloves	7010 884 1152	7010 884 1153			
General Purpose Gloves		7010 884 1146	7010 884 1147	7010 884 1148	
Great Grip Gloves		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	
NEW! Meshback Gloves		7010 884 1157	7010 884 1160	7010 884 1161	
Outdoor PRO Gloves		7010 884 1149	7010 884 1150	7010 884 1151	
Proscaper Series Gloves		7010 884 1100	7010 884 1101	7010 884 1102	
NEW! Pruning Gloves			7010 884 1158	7010 884 1159	
STIHL HomeScaper Series Gloves	7010 884 1136	7010 884 1103	7010 884 1104	7010 884 1105	
STIHL Mechanic Style Gloves		7010 884 1140	7010 884 1141	7010 884 1142	
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	
Value Work Gloves		7010 884 1154	7010 884 1155	7010 884 1156	
Work Gloves			7010 884 1126		



The Pro Mark™ Protective Apparel is best paired with Professional STIHL units. This line of personal protective apparel is designed for professional users, helping protect against injuries they may face during frequent use.



The Performance Protective Apparel is designed for paired use with Farm & Ranch STIHL units. This line of personal protective apparel is ideal for users focusing on both personal and work-related tasks.



The Woodcutter Protective Apparel is perfect for paired use with any of your Homeowner STIHL units. While designed for the occasional user, it still meets and beats the standards required for personal protective apparel.

# Blowers, Sprayers and Shredder Vacs

Model	Displacement	Engine Power	Weight*	Fuel Capacity	Average Air Velocity**	Air Volume At Nozzle**	Blowing Force/ Newtons	Sound Pressure Rating dB(a)**
<b>Handheld Blowers</b>								
<b>BG 50</b>	27.2 cc (1.66 cu. in.)	0.7 kW (0.9 bhp)	3.6 kg (7.9 lbs.)	430 cc (14.5 oz.)	60 m/sec (134 mph)	700 m <sup>3</sup> /h (412 cfm)	13	70 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.)	60 m/sec (134 mph)	700 m <sup>3</sup> /h (412 cfm)	13	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.)	51 m/sec (115 mph)	630 m <sup>3</sup> /h (371 cfm)	10	65 dB(A)
<b>BG 86</b>	27.2 cc (1.66 cu. in.)	0.8 kW (1.07 bhp)	4.4 kg (9.7 lbs.)	440 cc (14.9 oz.)	Flat: 74 m/sec (166 mph) Round: 63 m/sec (141 mph)	Flat: 620 m <sup>3</sup> /h (365 cfm) Round: 755 m <sup>3</sup> /h (444 cfm)	15	70 dB(A)
<b>BG 86 C-E</b>	27.2 cc (1.66 cu. in.)	0.8 kW (1.07 bhp)	4.5 kg (9.9 lbs.)	440 cc (14.9 oz.)	Flat: 74 m/sec (166 mph) Round: 63 m/sec (141 mph)	Flat: 620 m <sup>3</sup> /h (365 cfm) Round: 755 m <sup>3</sup> /h (444 cfm)	15	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.)	Vac: 60 m/sec (134 mph)	Vac: 700 m <sup>3</sup> /h (412 cfm)	13	70 dB(A)
<b>SH 86 C-E</b>	27.2 cc (1.66 cu. in.)	0.8 kW (1.07 bhp)	5.6 kg (12.3 lbs.)	440 cc (14.9 oz.)	Vac: 63 m/sec (141 mph)	Vac: 756 m <sup>3</sup> /h (444 cfm)	15	70 dB(A)
<b>Backpack Blowers</b>								
<b>BR 200</b>	27.2 cc (1.66 cu. in.)	0.8 kW (1.07 bhp)	5.7 kg (12.6 lbs.)	1050 cc (35.5 oz.)	56 m/sec (125 mph)	680 m <sup>3</sup> /h (400 cfm)	12	70 dB(A)
<b>BR 350</b>	63.3 cc (3.86 cu. in.)	2.1 kW (2.8 bhp)	10.0 kg (22.0 lbs.)	1700 cc (57.5 oz.)	75 m/sec (167 mph)	740 m <sup>3</sup> /h (436 cfm)	17	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 m <sup>3</sup> /h (500 cfm)	26	76 dB(A)
<b>BR 450</b>	63.3 cc (3.86 cu. in.)	2.9 kW (3.9 bhp)	10.6 kg (23.4 lbs.)	1700 cc (57.5 oz.)	83 m/sec (186 mph)	1090 m <sup>3</sup> /h (642 cfm)	28	77 dB(A)
<b>BR 450 C-EF</b>	63.3 cc (3.86 cu. in.)	2.9 kW (3.9 bhp)	11.5 kg (25.4 lbs.)	1700 cc (57.5 oz.)	83 m/sec (186 mph)	1090 m <sup>3</sup> /h (642 cfm)	28	77 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.)	77 m/sec (173 mph)	925 m <sup>3</sup> /h (544 cfm)	22	65 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.)	89 m/sec (199 mph)	1150 m <sup>3</sup> /h (677 cfm)	32	75 dB(A)
<b>BR 700</b>	64.8 cc (3.95 cu. in.)	2.8 kW (3.8 bhp)	10.6 kg (23.4 lbs.)	1400 cc (47.3 oz.)	74 m/sec (165 mph)	1550 m <sup>3</sup> /h (912 cfm)	35	75 dB(A)
<b>NEW! BR 700 X</b>	64.8 cc (3.95 cu. in.)	2.8 kW (3.8 bhp)	10.4 kg (23.0 lbs.)	1400 cc (47.3 oz.)	73 m/sec (163 mph)	1530 m <sup>3</sup> /h (901 cfm)	34	75 dB(A)

Model	Displacement	Engine Power	Weight*	Fuel Capacity	Average Air Velocity**	Air Volume At Nozzle**	Maximum Spray Range	Container Capacity
<b>Backpack Sprayers</b>								
<b>SR 200</b>	27.2 cc (1.66 cu. in.)	0.8 kW (1.07 bhp)	8.5 kg (18.7 lbs.)	1050 cc (35.5 oz.)	81 m/sec (181 mph)	Tubes: 580 m <sup>3</sup> /h (341 cfm)	H: 9.0 m (29.5 ft.) V: 5.5 m (18.0 ft.)	10.0 L (2.1 gals.)
<b>SR 430</b>	63.3 cc (3.86 cu. in.)	2.9 kW (3.9 bhp)	12.4 kg (27.3 lbs.)	1700 cc (57.5 oz.)	90 m/sec (201 mph)	Tubes: 920 m <sup>3</sup> /h (542 cfm)	H: 14.5 m (48.0 ft.) V: 13.0 m (43.0 ft.)	14.0 L (3.7 gals.)
<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)	Tubes: 920 m <sup>3</sup> /h (542 cfm)	H: 14.5 m (48.0 ft.) V: 13.0 m (43.0 ft.)	14.0 L (3.7 gals.)

\*Dry weight. \*\*As per ANSI B 175.2 standard. **Note:** Newton is the force needed to accelerate 1 kg of mass at a rate of 1 m/sec<sup>2</sup>.

**Note:** Specifications are as of October 1, 2017. For most recent updates, visit [STIHLusa.com](http://STIHLusa.com).

**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.



# Electric-Powered Tools

Model	Voltage	Motor Output	Weight*	Available Bar Length	Saw Chain	Quick Chain Adjuster (B)	STIHL Quickstop® Plus (Q)
<b>Electric-Powered Chain Saws</b>							
MSE 170 C-BQ	120 V (60 Hz)	1.6 kW (13.1 amps)	3.8 kg (8.4 lbs.)	30 to 40 cm (12" to 16")	3/8" PM3	●	●
MSE 210 C-BQ	120 V (60 Hz)	1.8 kW (15.0 amps)	4.2 kg (9.4 lbs.)	30 to 40 cm (12" to 16")	3/8" PM3	●	●
MSE 250 C-Q	120 V (60 Hz)	1.8 kW (15.0 amps)	4.2 kg (9.4 lbs.)	40 to 45 cm (16" to 20")	3/8" RS3 or RM3		●

Model	Voltage	Motor Output	Weight**	Cutting Width	Line Diameter	Cord Retainer	Built-In Hanging Slot
<b>Electric-Powered Grass Trimmer</b>							
FSE 60	120 V (60 Hz)	0.6 kW (5.3 amps)	4.0 kg (8.8 lbs.)	35.5 cm (14")	.080"	●	●

Model	Voltage	Motor Output	Weight	Blade Length	Strokes Per RPM	Double-Sided Blade	Cord Retainer	Built-In Hanging Slot
<b>Electric-Powered Hedge Trimmers</b>								
HSE 52	120 V (60 Hz)	460 w (3.8 amps)	3.1 kg (6.8 lbs.)	50.8 cm (20")	3,400	●	●	●
HSE 70	120 V (60 Hz)	500 w (4.5 amps)	4.2 kg (9.3 lbs.)	61.0 cm (24")	3,200	●	●	●


Model	Voltage	Motor Output	Weight	Average Air Velocity***	Air Volume At Nozzle***	Sound Pressure Rating dB(a)***	Blowing Force/ Newtons
<b>Electric-Powered Handheld Blowers</b>							
BGE 61	120 V (60 Hz)	1.1 kW (9.2 amps)	3.1 kg (6.8 lbs.)	58 m/sec (130 mph)	485 m³/h (285 cfm)	64 dB(a)	9
BGE 71	120 V (60 Hz)	1.1 kW (9.2 amps)	3.1 kg (6.8 lbs.)	Low: 47 m/sec (105 mph) High: 58 m/sec (130 mph)	394 m³/h (232 cfm) 485 m³/h (285 cfm)	58 dB(a) 64 dB(a)	6 9

Model	Voltage	Motor Output	Weight	Suction	Air Flow	Sound Pressure Rating dB(a)***	Container Capacity	Suction Hose Length
<b>Electric-Powered Vacuums</b>								
SE 62	120 V (60 Hz)	1.0 kW (8.3 amps)	7.5 kg (16.5 lbs.)	210 mbar (84 in H <sub>2</sub> O)	3,200 L/min (113 cfm)	70 dB(a)	25 L (6.6 gal.)	2.5 m (8.2 ft.)
SE 122	120 V (60 Hz)	1.0 kW (8.3 amps)	10.0 kg (22.0 lbs.)	230 mbar (91 in H <sub>2</sub> O)	3,200 L/min (113 cfm)	62 dB(a)	30 L (7.9 gal.)	3.0 m (9.8 ft.)

● Standard \*Powerhead only. \*\*Weight without cutting attachment or deflector. \*\*\*As per ANSI B 175.2 standard. Note: Newton is the force needed to accelerate 1 kg of mass at a rate of 1 m/sec<sup>2</sup>.

Note: Specifications are as of October 1, 2017. For most recent updates, visit [STIHLusa.com](http://STIHLusa.com).



A man with a goatee, wearing a grey short-sleeved button-down shirt with the STIHL logo on the left chest, stands in a factory setting. He is smiling slightly. In the background, there is a complex assembly line with various mechanical parts and machinery. A digital display board is visible in the upper right background. In the foreground, there are large orange plastic components, possibly parts of a chainsaw or trimmer head, resting on a blue tray.

Each assembly line has a highly engineered production system. High quality, STIHL components are assembled into reliable STIHL products.

**Real People. STIHL People.**

**Jeff Pierce**

**STIHL Employee, Team Lead**

For more Real STIHL stories, visit [STIHLusa.com](https://www.stihlusa.com).

# STIHL OUTFITTERS™

## 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 directly to your home at [STIHLusa.com](http://STIHLusa.com).

### STIHL OUTFITTERS™

OFFICIALLY LICENSED  
MERCHANDISE

[STIHLdealers.com](http://STIHLdealers.com)



## INDEPENDENT WE STAND™

POWERED BY **STIHL**

### Independent We Stand

STIHL Inc. 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.**

*"I think one of the reasons STIHL stands out is customer service. Over the years, they've created a friendship and business relationship with us."*

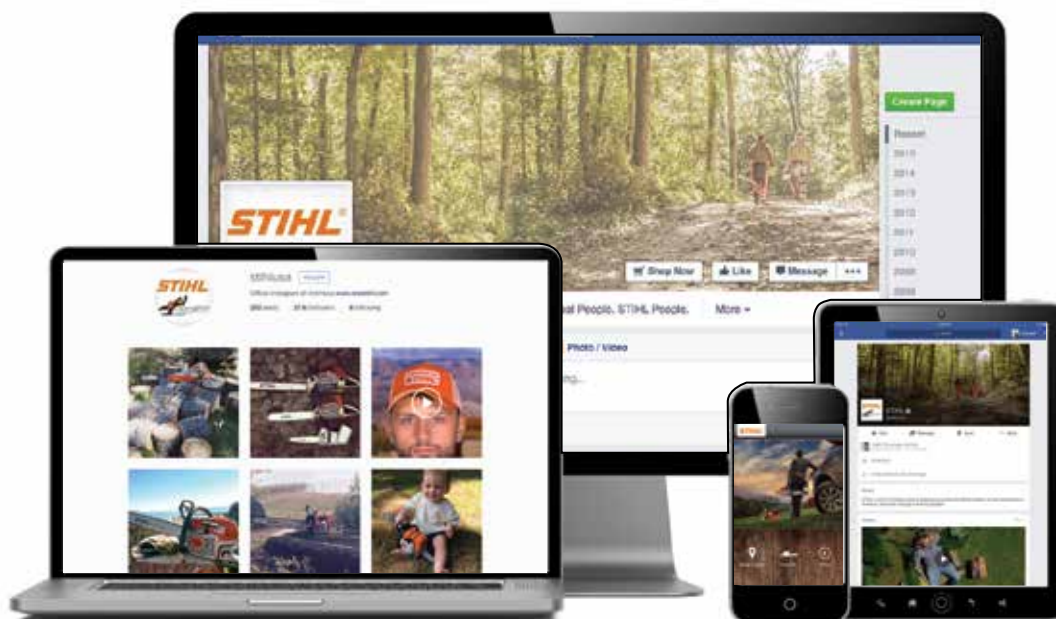
**Hector & Jose Cantu**  
**Dealers/Owners, Saw House Power Equipment**

Watch this video featuring Hector and Jose's story at [bit.ly/cantu-brothers](https://bit.ly/cantu-brothers) 

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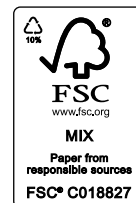
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Established in 1985, the STIHL TIMBERSPORTS® Series assembles the world's top lumberjack athletes to compete in the Original Extreme Sport. The Series is seen by more than 20 million viewers annually in more than 62 countries around the world on networks like Eurosport, ABC and ESPN, where it is now recognized as the second longest-running show behind only "SportsCenter". Learn more at [STIHLtimbersports.com](https://www.stihltimbersports.com).


**STIHL®**  
**TIMBERSPORTS®**  
S E R I E S







# Warranties and Trademarks

The following trademarks are owned by ANDREAS STIHL AG & Co. KG, Waiblingen: July 20, 2017

## 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. 
10. AutoCut®
11. DIRT BOSS®
12. FARM BOSS®
13. iCademy®
14. MAGNUM®
15. MasterWrench Service®
16. MotoMix®
17. OILOMATIC®
18. ROCK BOSS®
19. STIHL Cutquik®
20. STIHL DUROMATIC®
21. STIHL Quickstop®
22. STIHL ROLLOMATIC®
23. STIHL WOOD BOSS®
24. TIMBERSPORTS®
25. WOOD BOSS®
26. YARD BOSS®

## Some of STIHL's Common Law Trademarks

27. 
28. 
29. 
30. 
31. 4-MIX™
32. BioPlus™
33. Easy2Start™
34. EasySpool™
35. ElastoStart™
36. Ematic™
37. FixCut™
38. iMow™
39. IntelliCarb™
40. Master Control Lever™
41. Micro™
42. Pro Mark™
43. Quiet Line™
44. STIHL Lightning Battery System™
45. STIHL M-Tronic™
46. STIHL OUTFITTERS™
47. STIHL PICCO™
48. STIHL PolyCut™
49. STIHL PowerSweep™
50. STIHL Precision Series™
51. STIHL RAPID™
52. STIHL SuperCut™
53. TapAction™
54. 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 2017, and are subject to change without notice.

## STIHL Limited Warranty Time Periods

Current Models	Personal, Family or Household Use	Commercial Use
<b>Battery-Powered Tools</b> (Except top-handle chain saws and cut-off machines)	3 years	2 years
<b>Gasoline Chain Saws</b> (Except top-handle chain saws)	1 year	3 months
<b>120 Volt Electric Chain Saws</b>	1 year	3 months
<b>Top-Handle Chain Saws*</b>	—	3 months
<b>Cut-Off Machines, Concrete Cutter*</b>	—	3 months
<b>Pressure Washers</b>	2 years	1 year
<b>Trimmers and Brushcutters, Clearing Saws, Edgers, Blowers and SR Sprayers, Hedge Trimmers, Pole Pruners, KM Series, MM Series and Wet/Dry Vacuums</b>	2 years	2 years
<b>SG Manual Pump Sprayers</b>	1 year	1 year
<b>Gearbox and Interchangeable Attachments</b>	2 years	2 years

\*Marketed for commercial use only.

Additional information regarding the STIHL Limited Warranty policy is available at [www.STIHLusa.com/warranty.html](http://www.STIHLusa.com/warranty.html).



### The 2-Year Limited Warranty Coverage

For commercial users on STIHL lawn care equipment and other selected power tools for commercial users, the 2-Year Limited Warranty is in addition to STIHL's industry-leading, extended warranty coverage for the drive-shaft. You can depend on your STIHL equipment to work as hard as you do, and for STIHL to stand behind its equipment. See your STIHL Dealer for details.



### When you purchase either STIHL HP Ultra Oil (six bottles) or STIHL MotoMix® Patented Premixed Fuel (one gallon minimum)

Double limited warranty protection applies to select STIHL gasoline-powered products purchased for personal non-income producing, household purposes only. Other restrictions apply. See dealer for details or refer to STIHL's Limited Warranty Policy at [www.STIHLusa.com](http://www.STIHLusa.com).

All STIHL products are warranted for 3 months 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. retailers are for distribution in the United States only.



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**NOTE: STIHL recommends using 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 limited warranty.**

**Brett Russell | LANDSCAPER**

**NORFOLK LANDSCAPING**

Landscaping is a competitive industry and Brett Russell knows that being dependable and reliable is what makes a difference. That's why he trusts STIHL to make his business look good.



# PROS WHO KNOW TO PEOPLE YOU KNOW

**Nathan & Jen Owen | HOMEOWNERS**

With two young daughters to keep them busy, Nathan and Jen Owen have no time to waste. That's why when it comes to working outdoors, they believe STIHL is the best choice to get the job done well and quickly.

REAL PEOPLE. **STIHL PEOPLE.**

JOIN US. #RealSTIHL

