

STIHL[®]



**2018 Construction and
Landscaping Tools & Accessories**

**REAL PEOPLE.
STIHL PEOPLE.**

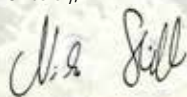
BRETT RUSSELL | NORFOLK LANDSCAPING



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.

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®

Watch this video featuring the GS 461 STIHL ROCK BOSS®

bit.ly/rock-boss 

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.)

36 GBM – General Purpose Diamond Abrasive Chain

- Diamond abrasive chain made exclusively for the GS 461 STIHL ROCK BOSS® and STIHL ROLLOMATIC® guide bar



*Dry weight and powerhead only.



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.

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.

[STIHLusa.com](https://www.stihlusa.com)

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 start up smoother and easier.



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).



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.

Diamond Wheel Application Guide

		Asphalt (A)		Concrete Asphalt (BA)		Concrete (B)		Concrete (G)		Hard Stone, Concrete/Ductile Iron (SB)	
		A 5	A 20	A 80	BA 80	B 10	B 20	B 80	G 80	SB 80	X 100
Wheel Grade		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 Applications	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.

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.

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

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 of kickback when the top of the wheel is 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.)

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.

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.)

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 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.)

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



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

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.

Model	Displacement	Engine Power	Weight*	Engine Speed / Max. Spindle Speed	Wheel Size / Max. Cutting Depth
Cut-Off Machines					
TS 410 STIHL Cutquik®	66.7 cc (4.07 cu. in.)	3.2 kW (4.4 bhp)	9.4 kg (20.7 lbs.)	9,000 rpm 5,350 rpm	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.)	9,000 rpm 5,350 rpm	350 mm (14") 125 mm (4.9")
NEW! TS 440 STIHL Cutquik®	66.7 cc (4.07 cu. in.)	3.2 kW (4.4 bhp)	11.2 kg (24.7 lbs.)	9,000 rpm 2,525 rpm	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.)	9,000 rpm 5,350 rpm	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.)	9,300 rpm 5,350 rpm	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.)	9,300 rpm 4,600 rpm	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.

Cut-Off Machine Accessories



Optional guide arm

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.

- Handle-mounted depth lever command for accurate depth-control cutting.
- Optional water tank.
- Custom operator height knob offers convenience for multiple users.
- STIHL Cutquik® can be quickly and easily removed without tools for handheld use or transport.
- Large rubber dust guard helps protect the operator from flying debris.
- High-impact resistant wheels with sealed bearings.

Pressurized Water Tank

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



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.

STIHL Diamond and Abrasive Wheels

Specially designed to maximize the performance of your STIHL Cutquik® cut-off machine.

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



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.

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! 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 of any type!

WARNING! The K-M wheel is for use on the TS 440 only. Do not use the K-M wheel on other cutting machines!

Chain Saw Features



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.

Model-Specific Chain Saw Features



Quick Chain Adjuster (B)

A toolless chain adjuster for fast and easy chain adjustment.



STIHL M-Tronic™ (M)

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



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™ (H) 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.

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

Professional Chain Saws

HIGH-PERFORMANCE CHAIN SAWS TO HELP MAKE YOUR JOB EASIER.

When it comes to logging, farming, land clearing, tree service and big firewood cutting jobs, professionals trust the unique features that make STIHL the number one selling brand of gasoline-powered handheld outdoor power equipment in America.* And at STIHL, we have a particular fondness for our professional category chain saws. It's where we built our reputation in the first place.

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.)

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.)



**"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

**Dry weight and powerhead only.

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 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 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 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.)

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 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 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 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.)



NOTE: STIHL recommends the use of green-labeled bars and saw chains. See your STIHL Dealer for details.

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 and Farm & Ranch 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.

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.)

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.)

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 chain saw
- Comes with toolless Quick Chain Adjuster 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

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	2.3 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 models

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

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.)

★★★★★
"The reliability of this saw is great. Starts after a pull and runs like a champ."

STIHL MS 251 FARM BOSS® - Skipinujupiter, Florida

Check out this review and others on the product pages at 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
- 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.)

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.

***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.

NOTE: STIHL recommends the use of green-labeled bars and saw chains. See your STIHL Dealer for details.

*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.

Farm & Ranch and Specialty Rescue Chain Saws

MS 311



- Advanced engine technology improves fuel efficiency by up to 20% compared to previous models
- 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.)

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.)

Specialty Rescue Chain Saw – for Professional Use



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.)

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

Overall Product Measurements

Length w/ 20" Bar	108.2 cm (42.6 in.)
Width	30.0 mm (11.8 in.)
Height	32.0 mm (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.



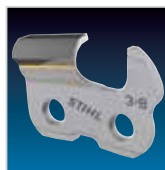
The muffler shield helps separate the hot muffler from meltable materials.



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.



NOTE: STIHL recommends the use of green-labeled bars and saw chains. See your STIHL Dealer for details.

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Saw Chain and Guide Bar Accessory Part Numbers

	Part Number
Portable Electric Chain Grinder & Accessories	
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
Files	
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 (1/16") 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	
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	
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

*All for portable 12v chain grinder

	Part Number	
High-Impact Felling Wedges (Not for splitting wood)		
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		
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		
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	
	File Size	Part Number
STIHL File Guides & Holders		
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

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

QUALITY PRODUCTS 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

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



STIHL 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., 5 gal., 16 gal. and 55 gal. containers.



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



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 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.

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 limited STIHL warranty.

Protective Apparel and Accessories

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.



Pro Mark™ Cut-Retardant Shirt

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

AVERTIC

ProMark™



PERFORMANCE

Performance Cut-Retardant Mitts

Made with water-resistant nylon backs and goatskin palms, these mitts offer exceptional comfort and grip without sacrificing dexterity. Avertic® Pro by Engtex®, a cut-retardant material, is sewn into the back of the left glove.

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.



Chain Saw Protective Chaps

STIHL also offers a variety of rugged, yet comfortable, apron-style chaps. All chaps have pads with multiple layers of sewn-in Avertic® Pro by Engtex® cut-retardant material. Available in a variety of waist sizes and lengths, these chaps are easy to buckle on and adjust. Larger waists can be accommodated with the waist extender strap (Part No. 0000 886 5901). Cargo pocket on front.

- Woodcutter Zip Chaps
- Woodcutter Chaps
- Performance Zip Chaps
- Performance Hi-Vis Apron Chaps
- Performance Hunter Bib Chaps
- Pro Mark™ Apron Chaps
- Pro Mark™ Hi-Vis Zip Chaps
- Pro Mark™ Wrap Chaps
- Performance Skidder Bib Chaps

AVERTIC

PERFORMANCE

ProMark™
Woodcutter

Protective Glasses



Available in various styles and lens shades. They offer 99.9% UV protection. The nylon nosepiece offers greater comfort and snug, non-slip fit. All STIHL protective glasses meet ANSI standard Z87.1.

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



Chain Saw Protective Pants

STIHL offers a variety of durable, comfortable protective pants. All pants have pads with multiple layers of sewn-in Avertic® Pro by Engtex® cut-retardant material. Outer shells are available in nylon, denim or nylon/polyester mix and all pants have elasticized waists, belt loops and suspender buttons for a secure fit. Plus, each has two back pockets, two side pockets plus a deep front cargo pocket. Sizes small to extra large.

- Performance Protective Pants
- Performance Winter Protective Pants

AVERTIC

PERFORMANCE

Other apparel and styles available.
For a complete listing, see our full line catalog or visit: www.STIHLusa.com.

STIHL Construction Hard Hat System



Features adjustable hearing protection helping reduce jobsite noise while clear PETG full-face shield helps keep your face protected from flying debris. Class G certified under OSHA's 29 CFR 1910.135, it includes NRR 23 hearing protection.

WARNING: Goggles or protective glasses meeting ANSI standard Z87.1 must be worn under face screen for primary eye protection.

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

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™ Handle

Has a built-in shock absorber for smoother starting.

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

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.



FSA 85

- Commercial-grade brushless motor with straight shaft – 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

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 R

- Solid drive shaft accepts optional interchangeable attachments, granting end users flexibility on the job
- Simplified and convenient starting procedure with new 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.)

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.

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.



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.

Professional Trimmers



FS 94 R



FS 111 RX



FS 111 R



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
- Lower 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.)

*Dry weight without cutting attachment or deflector.



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FS 131 R



FS 240 R



FS 311



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.)

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.)

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.



*Dry weight without cutting attachment or deflector.

Professional Brushcutters and Forestry Clearing Saws



FS 360 C-EM



FS 460 C-EM



FS 560 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 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.)

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.)



“Very well balanced and I can get more done without tiring out.”

STIHL FS 460 C-EM Brushcutter/Clearing Saw - Slashes12, Virginia

Check out this review and others on the product pages at STIHLusa.com.

*Dry weight without cutting attachment or deflector.

Bed Redefiner

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.)



BUILT IN AMERICA*
BELIEVING IN AMERICA.

Watch this video to learn more.

bit.ly/built-in-america 



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Professional Edgers

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 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 new 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.



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Homeowner and Professional 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.

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 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.)
Run Time w/ AP 300	Up to 180 minutes

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.)

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.

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.)

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.)

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.)

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.



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

- 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



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.



HT 103



HT 132



HT 133



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

- 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

- 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.)

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.

Extended-Reach Hedge Trimmers



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



HLA 65



HLA 85



HL 91 K (0°)



HLA 65

- Features six different blade-locking positions, providing professionals 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 0° fixed-angle 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.)



"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.

*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.

**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 STIHL dealer for details.

HL 94 K (145°)**HL 94 K (0°)****HL 94 (145°)****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 (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.)

HL 94 K (0°)

- Extended-reach hedge trimmer built for professional use
- Overall length of 79.5" makes easy work of trimming branches
- Features a 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.)



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.

Professional Backpack Blowers

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.

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

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 B175.2
- 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

NEW! BR 700 X



- Low emission, fuel-efficient engine can tackle 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

*Dry weight.

**Newton is the force needed to accelerate 1 kg of mass at the rate of 1 m/sec².

IMPORTANT INFORMATION

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Homeowner and Professional Handheld Blowers

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 vacuum or 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

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

*Dry weight.

**Newton is the force needed to accelerate 1 kg of mass at the rate of 1 m/sec².

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/ AK 300	4.9 kg (10.8 lbs.)
Run Time w/ AK 20	Up to 24 minutes
Blowing Force*	10 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

BGA 100



- The lightest and most powerful handheld blower in the STIHL lineup – corded electric, gasoline- or battery-powered
- A 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



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.

Shredder Vacs and 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 ₂ 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 ₂ O)
Container Capacity	30.0 L (7.9 gal.)
Weight	10.0 kg (22.0 lbs.)

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



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.

SR 200



SR 430



SR 450



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.)

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.

*Dry weight.

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.)

Augers and Drills

GASOLINE-POWERED – LIGHTWEIGHT AND PORTABLE.

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



BT 45 with core drill adapter and water tank shown.

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

NOTE: Augers and bits sold separately.

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

Optional Accessory (For BT 45)

Ice Auger Bit 6.5" (165 mm) dia.....	7010 871 0300
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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 Light-Duty Paint Mixer
- BT 45 Mortar Mixer
- BT 45 Joint Compound Mixer



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.

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



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.

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 and comfortable equipment makes cleaning almost a pleasure. Whether you need to clean around the home or on the job, STIHL pressure washers are designed for convenience and durability to make your job easier and impeccable.



RB 400
Dirt Boss®

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 600

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 800

RB 800

- The most powerful, industrial-strength high-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	Water Pressure	Water Flow	Hose Length
Pressure Washers					
RB 400 DIRT BOSS®	196 cc (12.0 cu. in.)	4.8 kw (6.5 hp)	2,700 psi	620 L/h (2.7 gpm)	25'
RB 600	208 cc (12.7 cu. in.)	5.2 kw (7.0 hp)	3,200 psi	680 L/h (3.0 gpm)	40'
RB 800	429 cc (26.2 cu. in.)	10.5 kw (14.0 hp)	4,200 psi	910 L/h (4.0 gpm)	50'

Note: Specifications are as of October 1, 2017. For most recent updates, visit 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.

Pressure Washer Accessories

	Connector	Fits Model(s)	Part Number
25 ft. High Pressure Hose Ext.	M22	RB 200, 400	4925 500 0807
40 ft. High Pressure Hose Ext.	QC	RB 600	4925 500 0811
50 ft. High Pressure Hose Ext.	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.



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 completely 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 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 setting 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.)

*Dry weight and powerhead 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.

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 new 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.)



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.

KombiSystem Attachments



Optional
HT/HL CFK
Shaft Extension
available.

HL-KM 0° Straight
Hedge Trimmer



HL-KM 145°
Adjustable Hedge
Trimmer



FH-KM 145°
Adjustable Power
Scythe



FS-KM Line
Head Trimmer



FSB-KM Curved-Shaft
Trimmer



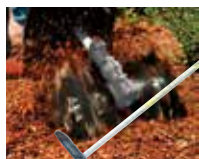
FS-KM
Brushcutter



FCB-KM Curved
Lawn Edger



FCS-KM Straight
Lawn Edger



BF-KM
Mini-Cultivator



BG-KM Blower



KW-KM STIHL
PowerSweep™



KB-KM
Bristle Brush



Optional
HT/HL CFK
Shaft Extension
available.

HT-KM
Pole Pruner



FBD-KM
Bed Redefiner

KombiSystem Attachments		Weight
BF-KM	Mini-Cultivator	4.1 kg (9.0 lbs.) ¹
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.) ²
FCS-KM	Straight Lawn Edger	2.6 kg (5.7 lbs.) ²
FS-KM	Brushcutter w/ 4-Tooth Grass Blade	1.2 kg (2.6 lbs.) ³
FS-KM	Line Trimmer	1.2 kg (2.6 lbs.) ³
FSB-KM	Curved-Shaft Trimmer	0.7 kg (1.6 lbs.) ³
FH-KM	145° Adj. Power Scythe	2.1 kg (4.6 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.) ⁴
KB-KM	Bristle Brush	6.4 kg (14.1 lbs.) ¹
KW-KM	STIHL PowerSweep™	7.4 kg (16.3 lbs.) ¹

NOTE: Weights shown are for attachments only. For powerhead weights, refer to charts on page 36.

NOTE: Specifications are as of October 1, 2017. For most recent updates, visit STIHLusa.com.

- 1) With deflector
- 2) With cutting tool and deflector
- 3) Without cutting tool, without deflector
- 4) Without bar and chain

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	272 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 EasyStart™, making starting almost effortless

Displacement	272 cc (1.66 cu. in.)
Engine Power	0.8 kW (1.07 bhp)
Weight*	9.8 kg (21.6 lbs.)

*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.



RL-MM
Lawn Aerator



FC-MM
Bed Edger



BF-MM
Pick Tines Cultivator



BK-MM
Bolo Tines Cultivator



MF-MM
Lawn Dethatcher



KB-MM
Bristle Brush



FS-MM
Trimmer



KW-MM
STIHL PowerSweep™

PUSH MOWERS WITH PUSH-BUTTON SIMPLICITY.

STIHL is leading the way in new technologies, and the STIHL Lightning System™ and lawn mowers are just a couple examples of how we're doing it. The RMA 370, RMA 410 C and RMA 510 battery-powered, walk-behind lawn mowers expand the versatility of the STIHL Battery Line, which allows you customers to power multiple tools with one easily interchangeable 36-volt Lithium-Ion battery – all with instant starts, zero-exhaust emissions and overall low-maintenance lawn care.



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 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 510 comes standard with mulching kit.

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.

RMA 410 C

- Brushless, commercial-grade electric motor
- Larger 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	19.8 kg (43.9 lbs.)
Area Mowed w/ AP 300	Up to 4,300 sq. ft.

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.

NOTE: Not for use with the AR series batteries.



16.25" Deck Width



17.75" Deck Width



21" Deck Width

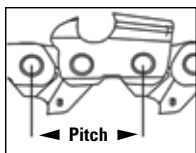


Saw Chain Selection and Identification

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 Tie Strap)



Distance between three rivets divided by two as shown.

Pitch

- 1 = 1/4"
- 2 = .325"
- 3 = 3/8"
- 4 = .404"
- 6 = STIHL PICCO™
(3/8" Extended)
- 7 = STIHL PICCO™
(1/4" Extended)

STIHL Models	Pitch	Gauge	Guide Bar Length(s)	Drive Link Count	Recmd. Chain Loop Marketing No.	Recmd. Guide Bar Part No.	Guide Bar Type*	No. of 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
			14"	50	63 PM3 50	3005 000 7409	LW	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 7405	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
			18"	61	63 PM3 61	3005 000 4817	R	9
MS 271	.325"	.063"	16"	67	26 RM3 67	3003 810 7113	R	11
			18"	74	26 RM3 74	3003 810 7117	R	11
			20"	81	26 RM3 81	3003 810 7121	R	11
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

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.

NOTE: The actual listed guide-bar length can vary from the effective cutting length based on which power head is installed on.

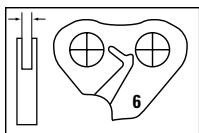
ANSI B175.1 Chain Saw Kickback Standard

STIHL's green and yellow color code system serves to identify STIHL bars and chains with different kickback reduction characteristics. Green (go) marks those products which are designed to reduce the risk of kickback injury and comply with the ANSI B175.1 kickback standard. STIHL's low-kickback chain features a green tie strap that identifies each loop as "low-kickback" chain that meets the ANSI standard. Recommended for both the experienced and inexperienced chain saw user. Yellow (caution) marks products with increased risk of kickback injury. They are for use only by persons with extraordinary cutting needs and experience and specialized training in dealing with kickback conditions.

****WARNING:** Recommended STIHL green-labeled, reduced-kickback bars are not available in the lengths marked with an * in the chart. For such guide bars, STIHL yellow-labeled bars are listed. Please read and follow the yellow warning information that is included on the guide bar package.

****WARNING:** Recommended STIHL green-labeled, low-kickback chains are not available in .404" pitch. For .404" chain, STIHL yellow-labeled chains are listed which have reduced-kickback characteristics as compared to other STIHL yellow-labeled chains. Read and follow the yellow warning information included with these chains. STIHL recommends the use of 3/8" sprockets in combination with STIHL green-labeled, low-kickback saw chain and STIHL green-labeled, reduced-kickback guide bars whenever possible.

*****WARNING:** Read and follow the yellow warning information included with the STIHL guide bar and STIHL saw chain types that fit onto the 088/MS 880 powerhead.



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 460 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

of Drive Links per 100' Reel

1/4"	2400
3/8" STIHL PICCO™	1640
.325"	1840
3/8"	1640
.404"	1480

	Pitch	Gauge	Guide Bar Length(s)	Drive Link Count	Recmd. Chain Loop Marketing No.	Recmd. Guide Bar Part No.	Guide Bar Type*	No. of Sprocket Nose Teeth
STIHL Models								
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	
			25"	84	33 RS3 84	3003 000 4030	RS	
			28"	91	33 RS3 91	3003 000 8838*	RS	11
			25**	84	33 RS3 84	3003 000 9630*	RS	13
	3/8"	.063"	18"	66	36 RS3 66	3003 008 6117	R	10
			20"	72	36 RS3 72	3003 008 6121	R	
			22"	76	36 RS3 76	3003 000 9425*	RS	11
			25**	84	36 RS3 84	3003 000 9831*	RS	13
			28"	91	36 RS3 91	3003 000 6038*	RS	11
MS 661 C-M, MS 661 R C-M	3/8"	.050"	20"	72	33 RS3 72	3003 008 8921	R	10
			25"	84	33 RS3 84	3003 000 4030	RS	
			28"	91	33 RS3 91	3003 000 8838*	RS	11
			32"	105	33 RS3 105	3003 000 8846*	RS	
			36"	114	33 RS3 114	3003 000 8853*	RS	
			25**	84	33 RS3 84	3003 000 9630*	RS	13
			28**	92	33 RS3 92	3003 000 9638*	RS	
			32**	105	33 RS3 105	3003 000 9646*	RS	
			36**	114	33 RS3 114	3003 000 9653*	RS	
			.063"	20"	72	36 RS3 72	3003 008 6121	R
	22"	76		36 RS3 76	3003 000 9425*	RS	11	
	25"	84		36 RS3 84	3003 000 5231*	RS		
	25"	84		36 RS3 84	3003 000 6038*	RS		
	28"	91		36 RS3 91	3003 000 6041*	RS		
	.063"	.063"	32"	105	36 RS3 105	3003 000 6046*	RS	
36"			114	36 RS3 114	3003 000 6053*	RS		
25**			84	36 RS3 84	3003 000 9831*	RS	13	
30**			97	36 RS3 97	3003 000 9842*	RS		
36**			115	36 RS3 115	3003 000 9853*	RS		
.404"	.063"	32"	95	46 RS 95**	3003 000 7346*	RS	10	
		36"	104	46 RS 104**	3003 000 7353*	RS		
MS 880***	3/8"	.063"	21"	75	36 RS3 75	3002 000 9123	RS	10
			MS 880 R	.404"	.063"	25"	80	46 RS 80**
30"	91	46 RS 91**	3002 000 9741*			RS		
36"	108	46 RS 108**	3002 000 9753*			RS		
41"	123	46 RS 123**	3002 000 9757*			RS		
59"	173	46 RS 173***	3002 000 9576			RS		
36"	104	46 RS 104**	3002 001 8052*			D	12	
41"	123	46 RS 123	3002 000 8058*			D		
47"	138	46 RS 138**	3002 000 8064*	D				

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.

Cutting Heads and Blades Selection Chart

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
		Stan.	Opt.						FS 56 C-E**					
Light Grass Trimmer Heads														
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® (Disc.)	30-2	4002 710 2187	.105"	.118"										
AutoCut®	36-2	4002 710 2170	.105"	.118"/.130"										
AutoCut® (Disc.)	40-2	4003 710 2189	.105"	.118"										
AutoCut®	46-2	4003 710 2115	.105"	.118"/.130"										
AutoCut® (Disc.)	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"					●					●
NEW! FixCut™	31-2	4001 710 2105	—	.080"/.095"/.105"					●					●
Heavy Grass / Mowing Heads & Blades														
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												●**
Brush Knives														
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												
Forestry Saw Blades														
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												

* 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.

***Not for use on FS 560 C-EM

1 Not for use on FS 240 or FS 240 R

2 Not for use on FS 94 R

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, FS 110 R

FS 55R FS 55RC-E FS 56RC-E FS 70R FS 94R	FS 90R FS 90R, 91 R FS 110R, 111 R FS 130R, 131 R FS 111 RX	FS 80, FS 90, 91 FS 110, 111 FS 130, 131	FS 240 FS 250	FS 240R FS 250R	FS 310 FS 311 FS 330	FS 330 C-E FS 330 C-EM FS 400 C-EM	FS 400 K	FS 550 FS 550 C-EM	FSB-KM with KM 55R, 56 R 90R, 91 R 110R, 111 R	FS-KM with KM 55R, KM 56R	FS-KM with KM 90R 91 R, 94 R 110R, 111 R 130R, 131 R
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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.

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.

Trimmer Line, Cutting and Gearbox Attachments



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

In addition, STIHL offers many gearbox attachments for use on the various products.

Mini-Cultivator Attachment
BF

Edger Attachment
FCS



Hedge Trimmer Attachment
HL 0°

145° Hedge Trimmer Attachment
HL 145°



145° Power Scythe Attachment
FH

Pole Pruner Attachment
HT



STIHL PowerSweep™ Attachment
KW

Brush Attachment
KB



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.

Note: 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.

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™	● .155	●	●	●	●	
	● .065	●	●	●	●	
	● .080	●	●	●	●	
	● .095	●	●	●	●	
	● .105	●	●	●	●	
Commercial Round Line	● .155	●	●	●	●	
	● .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

Gearbox Compatibility Chart







This chart shows handle and gearbox configurations by model.

Model	Handle	Gearbox Attachment							
		BF	FCS	FH	HT	HL 0°	HL 145°	KW	KB
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°)	●	●	●	●	●	●	●	●	

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. **SL**
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
Battery-Powered Tools (Except top-handle chain saws and cut-off machines)	3 years	2 years
Gasoline Chain Saws (Except top-handle chain saws)	1 year	3 months
120 Volt Electric Chain Saws	1 year	3 months
Top-Handle Chain Saws*	—	3 months
Cut-Off Machines, Concrete Cutter*	—	3 months
Pressure Washers	2 years	1 year
Trimmers and Brushcutters, Clearing Saws, Edgers, Blowers and SR Sprayers, Hedge Trimmers, Pole Pruners, KM Series, MM Series and Wet/Dry Vacuums	2 years	2 years
SG Manual Pump Sprayers	1 year	1 year
Gearbox and Interchangeable Attachments	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.



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 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.

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.**



Get the Official STIHL® App

Your mobile device is about to get even more powerful. The official STIHL App puts a wide range of STIHL resources at your fingertips. Find products, find STIHL Dealers and connect to the STIHL community. Already a STIHL owner? Enjoy quick access to product manuals, how-to articles and videos. Available in the iTunes App Store and Google Play.


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

PROS WHO KNOW TO PEOPLE YOU KNOW



Derrick Keltner

HOMEOWNER

REAL PEOPLE. **STIHL** PEOPLE.

JOIN US. #RealSTIHL

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