

STIHL

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STIHL.**

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STIHL

**BATTERY POWER.
MADE BY
STIHL.**



**2020
PRODUCT
INFORMATION
GUIDE**

—

PRODUCT INFORMATION GUIDE

For STIHL Dealers

Property of _____

A handy reference guide to specifications, features and customer benefits for STIHL products and accessories.

This booklet has been designed to help you sell more effectively and help you and your customers select the right STIHL power products for their needs.

Be sure to provide your customers with the instruction manual for new products, or a safety manual for used products, or when the instruction manual is not available in rental situations. Advise them to read, and be familiar with, all sections of the safety precautions, warnings and instructions before operating these products. Please call special attention to the safety precautions of the instruction manual or safety manual and have the customer contact you if anything is unclear. STIHL recommends the use of protective safety apparel.

When customers are selecting a chain saw, be sure they are familiar with the ANSI/OPEI B 175.1-2012 requirements and all the available safety features. Also advise them to use genuine approved STIHL parts and attachments, and that reduced kickback bars and low-kickback chains are available and recommended for every STIHL powerhead. Ask your STIHL distributor for details.

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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, 2019, and are subject to change without notice.



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.

NEW! STIHL PRODUCTS FOR 2020!



GTA 26



MS 151 C-E



MS 151 T C-E



MS 194 C-E



MS 194 T



MS 500i



MSA 161 T



MSA 220 C-B

NEW! STIHL PRODUCTS FOR 2020!



STIHL connected



BGA 57



BGA 200



RMI 422 PC-L



RMI 632 PC-L



RMA 460 V



RMA 510 V



FSA 57

HLA 56

SECTION GUIDE

1 CHAIN SAWS

6 PROTECTIVE APPAREL

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7 OILS, LUBRICANTS AND CHEMICALS

3 LANDSCAPING TOOLS

8 BATTERY-POWERED TOOLS

4 STIHL PRECISION SERIES™ HAND TOOLS

9 ELECTRIC-POWERED TOOLS








5 CONSTRUCTION TOOLS

10 WARRANTIES AND REFERENCE

STIHL TRADEMARKS

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ANDREAS STIHL AG & Co. KG, Waiblingen: July 16, 2019

STIHL's Registered Trademarks

- | | | |
|--|---|-----------------------|
| 1. STIHL® | 9.  SERVICE® | 20. STIHL Cutquik® |
| 2. STIHL ® | 10. AutoCut® | 21. STIHL DUROMATIC® |
| 3.  GS | 11. DIRT BOSS® | 22. STIHL Quickstop® |
| 4. The color combination  ®
(US Registrations
#2,821,860; 3,010,057;
3,010,058; 3,400,477;
and 3,400,476) | 12. FARM BOSS® | 23. STIHL ROLLOMATIC® |
| 5.  ® | 13. iCademy® | 24. STIHL WOOD BOSS® |
| 6.  ® | 14. iMOW® | 25. TIMBERSPORTS® |
| 7.  ® | 15. MAGNUM® | 26. WOOD BOSS® |
| 8.  ® | 16. MasterWrench Service® | 27. YARD BOSS® |
| | 17. MotoMix® | |
| | 18. OILOMATIC® | |
| | 19. ROCK BOSS® | |

Some of STIHL's Common Law Trademarks

- | | | |
|---|---------------------------|-----------------------------|
| 28.  | 37. IntelliCarb™ | 46. STIHL PICCO™ |
| 29.  | 38. Master Control Lever™ | 47. STIHL PolyCut™ |
| 30. 4-MIX™ | 39. Micro™ | 48. STIHL PowerSweep™ |
| 31. BioPlus™ | 40. On A Single Charge™ | 49. STIHL Precision Series™ |
| 32. Easy2Start™ | 41. Pro Mark™ | 50. STIHL RAPID™ |
| 33. EasySpool™ | 42. Quiet Line™ | 51. STIHL SuperCut™ |
| 34. ElastoStart™ | 43. STIHL Moto4™ | 52. TapAction™ |
| 35. Ematic™ | 44. STIHL M-Tronic™ | 53. TrimCut™ |
| 36. FixCut™ | 45. STIHL OUTFITTERS™ | |

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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 2019, and are subject to change without notice.

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Note: STIHL recommends using fuel with no more than 10% Ethanol content. Using fuel with greater than 10% Ethanol content may cause damage to your equipment and may void your STIHL limited warranty.

STIHL MODEL PREFIXES

Prefix Description

BF	= Pick Style Tines
BG	= Blower - Handheld
BGA	= Blower - Electric-Powered
BGE	= Blower - Electric-Powered
BK	= Bolo Style Tines
BR	= Blower - Backpack
BT	= Earth Auger and Drill
FB	= Dedicated Bed Redefiner
FBD	= Bed Redefiner Attachment
FC	= Grass Edger
FH	= Power Scythe
FS	= Trimmer/Brushcutter
FSA	= Trimmer - Battery-Powered
FSB	= Curved-Shaft Trimmer Attachment for KM
FSE	= Trimmer - Electric-Powered
GS	= Deep Concrete Cutter
GTA	= Garden Pruner - Battery-Powered
HL	= Extended-Hedge Trimmer
HLA	= Extended-Hedge Trimmer - Battery-Powered
HS	= Hedge Trimmer
HSA	= Hedge Trimmer - Battery-Powered
HSE	= Hedge Trimmer - Electric-Powered
HT	= Pole Pruner
HTA	= Pole Pruner - Battery-Powered

Prefix Description

KB	= Bristle Brush
KM	= KombiMotor/Split Shaft Unit
KMA	= KombiMotor/Split Shaft Unit - Battery-Powered
KW	= STIHL PowerSweep™
MF	= Lawn Dethatcher
MM	= STIHL YARD BOSS®
MS	= Chain Saw
MSA	= Chain Saw - Battery-Powered
MSE	= Chain Saw - Electric-Powered
PA	= Professional Axe
PH	= Professional Hedge Shear
PL	= Professional Lopper
PP	= Professional Pruner
PS	= Professional Hand Saw
RE	= Pressure Washer - Electric-Powered
RL	= Lawn Aerator
RMA	= Lawn Mower - Battery-Powered
RMI	= Lawn Mower Robotic
SE	= Electric Vacuum
SG	= Sprayer - Manual
SH	= Vacuum Shredder
SR	= Sprayer/Blower - Backpack
TS	= STIHL Cutquik® Cut-Off Machine
TSA	= STIHL Cutquik® Cut-Off Machine - Battery-Powered



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



Built in USA Badge

Indicates products that are built in the United States from domestic and foreign parts and components.

STIHL PRODUCT FEATURE DESIGNATIONS

To help you identify individual products with their built-in special features, we have developed the following model code system. This system is used throughout STIHL literature and other marketing materials. Look for the corresponding symbols below throughout the Product Information Guide. See examples below. Not all feature designations will appear on STIHL product nameplates.

Chain Saw Feature Designations

C Features

B = QCA (Quick Chain Adjuster)

E = Easy2Start™

M = STIHL M-Tronic™

Other Features

R = Wrap-handle

T = Top handle (on the nameplate)

Other Power Tool Feature Designations (Not Chain Saws)

C Features

E = Easy2Start™

M = STIHL M-Tronic™

Other Features

A = Electronic Water Control (EWC)

C-L = LTE enabled

D = Catalytic converter

i = Electronic Fuel Injection

K = Short shaft (HL) (on the nameplate)

L = Reduced noise

R = Loop handle (FS), Cutter Blade (HS) (on the nameplate)

T = Trimmer Blade (HS) (on the nameplate)

X = Lightweight version (on the nameplate)

C designates a comfort feature.

Examples:

MS 211 C-BE

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

FS 40 C-E

This trimmer has the Easy2Start™ system (**E**)

PRODUCT WARNINGS AND IMPORTANT INFORMATION

Attention: All STIHL Sales Personnel and Dealers

Following are standard product disclaimers/warnings developed for all of our literature by product groupings.

These disclaimers/warnings should be used on all printed material produced for end-user literature. They are also important points to cover when demonstrating or delivering STIHL power tools.

Gasoline-, Battery- or Electric-Powered Chain Saws and Saw Chain

WARNING: The occurrence called “kickback” can cause serious or fatal injury. Always read the instruction manual carefully before using your saw. STIHL uses a green and yellow color-coding system to help you select a powerhead, bar and chain combination that complies with the kickback requirements of ANSI/OPEI B 175.1-2012 (gasoline-powered saws) and §19.108 of UL 60745-2-13 (electric chain saws). Ask your STIHL Dealer about safe operating procedures and the advantages of the STIHL Quickstop® chain brake and STIHL Quickstop® Plus (Q) - an electronically controlled, “coast-down” braking device, STIHL reduced kickback bars and STIHL low-kickback saw chains.

Note: STIHL Quickstop® Plus (Q) is available only on STIHL battery-powered and electric-powered chain saws.

Trimmers/Brushcutters

WARNING: Improper use of any trimmer/brushcutter 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 limitstop, a bicycle handle and double shoulder harness and not on FS brushcutters with a “J” handle or loop handle. 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.

Note: Dealers, for more information on cutting attachment compatibility for trimmers and brushcutters, consult the Cutting Attachments, Parts and Accessories catalog (0456 681 3023).

Other Power Tools

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 this product.

Cut-Off Machines (Carbide-Tipped Blades)

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

STIHL Pole Pruners and Pole Saws

DANGER! Risk of Electrocution: These tools are not insulated. Approaching or contacting electric power lines with tools may cause serious injury or death from electrocution. Electricity can jump from one point to another by means of arcing and/or may be conducted through damp branches. Maintain a clearance of at least 50 feet (15 meters) 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 helmet and eye protection. Keep bystanders away. Use only STIHL authorized cutting attachments.

Hand Tools with Blades

WARNING: Cutting blades are sharp. Do not touch or contact the blade with any part of your body. To reduce the risk of loss of control, always maintain secure footing. Improper use can result in serious or fatal injury.

Protective Apparel

WARNING FOR CORDED ELECTRIC AND BATTERY CHAIN SAW USERS! The fibers may not stop the sprocket on most corded electric chain saws and some battery-powered chain saws because of the constant high torque. However, to reduce the severity of injury from accidental contact with the chain, STIHL recommends that leg protection be worn when operating these types of chain saws.

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

Instruction manuals are available to download on stihlusa.com.

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.

COMMON FEATURES AND BENEFITS ON MOST STIHL POWER TOOLS

- **High power-to-weight engine output**
Maximum performance with lightest possible weight.
- **Anti-vibration systems**
Product is more comfortable to use - designed to reduce operator fatigue.
- **STIHL electronic ignition**
On all STIHL gasoline-powered engines. No moving parts to wear or adjust, easy starts/consistent power. A modular ignition unit that is extremely reliable in adverse conditions, requiring little maintenance and providing fast, sure starts.
- **Easy-access air filter**
Gasoline-powered STIHL products have air filters that can be easily accessed. This makes it easy to maintain this critical component. Please refer to instruction manual for STIHL Cutquik® filter instructions.
- **STIHL-designed “long-life” cylinders**
Maximum wear life, better cooling and lubrication, more power output per cubic centimeter or cubic inch of engine displacement.
- **Large, baffled mufflers with fire screens**
Reduced noise level and risk of forest fire. See also spark arrester muffler.
- **Spark arrester muffler (USDA-USFS compliant)**
Contains screen designed to reduce the emission of sparks.
- **Throttle trigger interlock**
Must be depressed before the throttle trigger can be activated.
- **All-position carburetor**
Engine will run in any approved operational position.
- **Heavy-duty centrifugal clutches**
Designed to match engine power, reduce slippage and last longer.
- **Replaceable “in tank” fuel and oil filters**
Easy maintenance - low cost. Helps prevent debris from entering the fuel line.
- **High-tech polymer housings**
Lightweight and will withstand greater impact. Durable, corrosion resistant.
- **High-pressure alloy die castings**
Lightweight, precision made, structurally strong.



- **Starting throttle lock**
Keeps the throttle partially open for easier starting.
- **Smooth, clean exterior styling**
No rough edges to snag clothing or brush.
- **Superior balance and handling**
Helps reduce fatigue and makes handling easy.
- **Combination wrench/screwdriver**
One multi-purpose tool for spark plug, chain tensioning and general maintenance.
- **Rubber- or plastic-covered handles**
Provides positive handling to help reduce hand slippage.
- **Translucent fuel tank or view window (On some models)**
Allows operator to easily check fuel level before starting work.
- **IntelliCarb™ compensating carburetor**
Measures air pressure on clean side of air filter and adjusts metering diaphragm in carburetor. Keeps RPM level, even when air filter begins to clog.
- **Semi-automatic choke**
Allows for smoother starts.

STIHL CHAIN SAWS

- STANDARD FEATURES

These features are found on most STIHL gasoline-powered chain saws.

- STIHL Quickstop® chain braking system
- Master Control Lever™ (On all gasoline-powered chain saws except MS 150 C-E, MS 150 T C-E, MS 193 C-E and MS 193 T)
- Automatic bar and chain oiler
- Chain catcher
- Ematic™ oil-saving bar
- OILOMATIC® saw chain
- Balanced fuel/oil capacities
- Front and rear hand guards (Except top handle saws.)
- Anti-vibration system
- Bumper spikes
- Outboard sprocket (Except MS 150 C-E, MS 150 T C-E, MS 193 C-E, MS 193 T, MS 200, MS 200 T, MS 201 C-E, MS 201 T, MS 201 C-EM and MS 201 TC-M.)
- Inboard/protected chain brake mechanism (Except MS 150 C-E, MS 150 T C-E, MS 193 C-E, MS 193 T, MS 200, MS 200 T, MS 201 C-E, MS 201 T, MS 201 C-EM and MS 201.)
- Easy-access air filter
- Electronic ignition
- Fuel and chain oil filters
- Spark arrester muffler
- Toolless tank filler caps (Except MS 170, MS 180 and MS 180 C-BE.)

**Battery- and electric-powered chain saws are also available.
See pages 247-252 and 290-293.**

STIHL CHAIN SAWS

- OTHER FEATURES

STANDARD CHAIN SAW FEATURES -

AVAILABLE ON MOST STIHL CHAIN SAWS

- **Automatic bar and chain oiler**

Lets operator concentrate on cutting, and not worry about bar lubrication.

- **“Balanced” fuel and oil capacities**

Eliminates running out of bar and chain oil before running out of fuel mix.

- **Bucking bumper spikes**

Better control makes cutting easier.

- **Chain catcher**

Helps to reduce the risk of operator contact by a chain if it should break or derail.

- **Ematic™ bar**

Polymer ramp reservoir holds bar oil until it can be picked up by passing chain. This can reduce oil usage by up to 50%.

- **Hand guards (front and rear)**

Reduces risk of injury.

- **Master Control Lever™**

One lever operates the choke, starting throttle lock, run and on-off switch. (Except MS 150 C-E, MS 150 T C-E, MS 193 C-E and MS 193 T C-E.)

- **Side-access chain tensioner**

Much more convenient for adjusting saw chain.

- **STIHL Quickstop® chain braking system**

A chain stopping system activated by the front hand guard that stops the chain within a fraction of a second and is designed to reduce the risk of injury in certain kickback situations. The brake can also be activated in certain situations by inertia if there is sufficient kickback force.

- **“Streamlined” engineered sprocket covers**

Minimum clogging, easy to clean. Optimum ergonomics for delimiting.

ADDITIONAL CHAIN SAW FEATURES - AVAILABLE ON SOME MODELS

- **Adjustable bar and chain oiler**
Allows operator to adjust the oil flow for long bars or dirty cutting conditions in max position. Also saves oil when using short bars in clean conditions.
- **Captured guide bar nuts**
Bar nuts secure the guide bar and sprocket cover.
- **Decompression valve**
Lowers cylinder compression for easier starting.
- **Easy sprocket removal with E-clip**
Sprocket changes are more convenient and take less time to complete. Easy to do with just a screwdriver. (Except MS 150 C-E, MS 150 T C-E, MS 193 C-E, MS 193 T C-E, MS 201 C-E, MS 201 T, MS 201 C-EM and MS 201 T C-M.)
- **ElastoStart™ starter handle**
Exclusive starting grip with built-in shock absorber. A great comfort feature.
- **Purge Pump Primer**
This feature enables the user to prime the carburetor with fuel, enabling easier cold starting.
- **Quick Chain Adjuster (QCA) (B)**
No tools needed to adjust tension on saw chain. Available on MS 180 C-BE, MS 181 C-BE, MS 211 C-BE, MS 251 C-BE, MSA 120 C-B, MSA 140 C-B, MSA 160 C-B, MSA 200 C-B, MSE 170 C-B, MSE 210 C-B and MSE 250.
- **STIHL Quickstop® Plus (Q)**
An additional chain braking feature designed to stop the chain within one second when operator completely releases the rear handle.

The electrically controlled "coast-down" braking feature is standard on MSA battery-powered and MSE electric-powered chain saws.
- **Toolless fuel and oil caps**
Simply lift the lever and twist the cap to remove or tighten. No need to use a tool to tighten or loosen. (Except MS 170, MS 180 and MS 180 C-BE.)
- **Winter/summer shutter**
Allows engine and carburetor to operate at optimum temperature year-round. Helps to prevent carburetor icing.
- **Wrap-around handle (R)**
Saw can be used in multiple positions for felling or limbing with right hand on rear handle. Available on MS 362 RC-M, MS 441 RC-M, MS 461 R, MS 462 R C-M, MS 661 RC-M and MS 880 R.

STIHL CHAIN SAWS

- COMMON TERMS

Bumper Spike: Toothed stop to hold the saw steady against wood. Mainly used for bucking and felling operations.

Chain Brake: (See page 25)

1. STIHL Quickstop®:

A. Manually activated: A device designed to stop the rotation of the chain in fractions of a second, if activated by the operator's hand.

B. Activated by inertia: A device designed to stop the rotation of the chain in fractions of a second, if activated by inertia in certain circumstances if kickback energy is sufficient.

2. STIHL Quickstop® Plus (Q):

An additional chain braking feature designed to stop the chain within one second when operator completely releases the rear handle.

The electrically controlled "coast-down" braking feature is standard on MSA battery-powered and MSE electric-powered chain saws.

Chain Catcher: Helps to reduce the risk of operator contact by a chain if it breaks or derails.

Chain Guard (Scabbard): Covers and protects the bar and the chain when the saw is not in use.

Chain Sprocket: The toothed wheel that drives the saw chain. (Available as rim or spur sprocket.)

Chain Sprocket Cover: Covers the clutch and the sprocket.

Choke Lever/Choke Control: A control used when starting a cold engine. (Integrated in Master Control Lever™) (Except MS 150 C-E, MS 150 T C-E, MS 151 C-E, MS 151 T C-E, MS 193 C-E, MS 193, MS 194 C-E and MS 194 T.)

Clutch: Couples engine to chain sprocket when engine is accelerated beyond clutch engagement speed.

Decompression Valve: Vents compression in the cylinder for easier starting.

Easy2Start™ System (E): This starting system reduces the strength and effort needed to start the engine.

The logo features the word "STIHL" in a bold, orange, sans-serif font with a registered trademark symbol. Below it, the words "Easy2Start" are written in a black, sans-serif font, with a large, stylized orange number "2" between "Easy" and "Start".

ElastoStart™ Starter Handle: Exclusive starting grip with built-in shock absorber. A great comfort feature.

Ematic™ Bar: An oil-saving bar with a special polymer ramp reservoir that holds oil until passing chain can channel it to all chain components and other wear areas.

Filter Cover: Protects and covers the air filter.

Front Hand Guard: Provides protection against projecting branches and helps reduce the risk of the left hand touching the chain if it slips off the front handle. It also serves as the activating lever for the manually and inertia-activated chain brake.

Front Handle: Handle for the left hand at front of saw.

Fuel Filler Cap: For sealing the fuel tank.

Fuel Tank: For 2-cycle fuel.

Guide Bar: Supports and guides the saw chain on either hard tip or sprocket nose type.

Guide Bar Nose: Rounded tip of the guide bar.

IntelliCarb™ Compensating Carburetor: Designed to automatically adjust fuel/air ratio when air filter becomes clogged and maintain engine's correct RPM.

Master Control Lever™: Lever for choke control, starting throttle, run and stop switch positions.

STIHL M-Tronic™ (M): Innovative, microprocessor-controlled engine management system adjusts the engine to compensate for changes in operating conditions, such as temperature, elevation, fuel quality and dirty air filter to optimize engine performance. Microprocessor measures RPMs and adjusts fuel accordingly (richer or leaner). Electronic ignition timing and fuel metering provides quick acceleration. Simplified starting procedure reduces the chance of flooding.

Muffler: Reduces engine exhaust noise and directs the exhaust gases.

Oil Filler Cap: For sealing the oil tank.

Oil Tank: For bar and chain lubricating oil.

OILOMATIC® Saw Chain: Saw chain with oil channeling grooves manufactured into the drive links to supply precise lubrication to the saw chain rivets.

Quick Chain Adjuster (QCA) (B): Quick Chain Adjuster allows user to adjust the chain tension without tools.

Rear Hand Guard: Reduces the risk of injury to the operator's right hand.

Rear Handle: For the right hand, located at or toward the rear of the saw.

Spark Plug Terminal: Connects the spark plug with the ignition wire.

Starter: The mechanism used to start the engine.

Starter Handle: The grip of the starter for starting the engine.

Starting Throttle Lock: Keeps the throttle partially open during starting.

Stop Switch: Switches the engine's ignition system off and stops the engine. The stop switch is integrated in the Master Control Lever™.

Throttle Trigger: Controls the speed of the engine (gasoline-powered engines).

Throttle Trigger Interlock: Must be depressed before the throttle trigger can be activated (gasoline-powered engines).

Toolless Fuel and Oil Caps: No need to use a tool as an aid in tightening and loosening.

Trigger Switch: To switch the machine on and off (electric products).

Trigger Switch Interlock: Must be depressed before the main switch can be activated (electric products).

Twist Lock: Lock for filter box cover.

STIHL[®]
Easy 2 Start[™]

**THE REVOLUTIONARY
STARTING SYSTEM
- YOU HAVE TO TRY IT
TO BELIEVE IT.**

The STIHL Easy2Start[™] system (E) makes starting STIHL outdoor power tools almost effortless, eliminating the need for a strong pull of the starting cord. This advanced starting system is designed to make starting STIHL products fast and easy for just about anyone.

The specific system may vary by model, but in each case, a quick pull overcomes the engine's compression to minimize the strength and effort required to start.

Available on select products.

QUICK CHAIN ADJUSTER (QCA) (B)



Loosen



Adjust

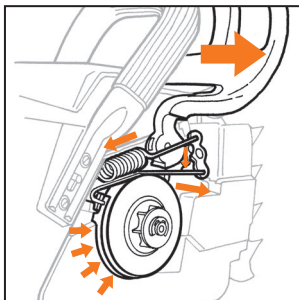


Tighten

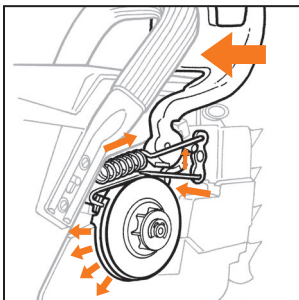
Standard on MS 180 C-BE, MS 181 C-BE, MS 211 C-BE, MS 251 C-BE, MSA 120 C-B, MSA 140 C-B, MSA 160 C-B, MSA 200 C-B, MSA 220 C-B, MSE 170 C-B and MSE 210 C-B.

Available on select products.

CHAIN BRAKING SYSTEMS



When handguard is in forward position, brake band is engaged.



When front handguard is in the rearward position, brake band is disengaged.

STIHL Quickstop®

STIHL chain saws are equipped with a chain stopping system designed to reduce the risk of injury in certain kickback situations. It is called a STIHL Quickstop® chain brake. The STIHL Quickstop® chain brake is designed to stop the rotation of the chain if activated by the operator's hand or by inertia if the saw kicks back with sufficient force. In some working positions, the STIHL Quickstop® chain brake can be activated by inertia, stopping the chain within fractions of a second.

STIHL Quickstop® Plus (Q) - an additional chain braking feature

An additional chain braking feature designed to stop the chain within one second when operator completely releases the rear handle.

The electrically controlled "coast-down" braking feature is standard on MSA battery-powered and MSE electric-powered chain saws.



WARNING: No chain brake eliminates all risk of kickback injury.

MS 150 C-E

Farm & Ranch Chain Saw
Series 1146

STIHL
Easy 2 Start™

Discontinued.
Available while
supplies last.



Displacement	23.6 cc (1.44 cu. in.)
Engine Power	1.0 kW (1.34 bhp)
Weight*	2.75 kg (6.1 lbs.)
Fuel Capacity	200 cc (6.76 oz.)
Chain Oil Capacity	150 cc (5.07 oz.)
OILOMATIC® Chain	1/4" PM3
Guide Bar Length	30 cm (12") STIHL ROLLOMATIC® E Mini

*Dry weight and powerhead only.

Note: STIHL recommends #3670 (71 PM3 64) OILOMATIC® saw chain and 12" 3005 008 3405 Ematic™ guide bar combination. The actual listed guide bar length can vary from the effective cutting length based on which powerhead it is installed on.

Features

- Ultra lightweight and compact design makes for easy handling and less operator fatigue while cutting small trees and pruning
- Low-emission engine technology provides better fuel efficiency than a traditional 2-cycle engine and reduces exhaust emissions
- Easy2Start™ system (E)
(See page 24.)
- Purge pump primer for easier starting
- See page 18 for additional information on standard features

Optional Accessories

- 10" (3005 008 3403) STIHL ROLLOMATIC® E Mini Guide Bars are also available
- Chain saw carrying case

One of STIHL's lightest and smallest chain saws and one of the lightest gasoline-powered chain saws on the market.

MS 150 T C-E

STIHL®
Easy2Start™



Farm & Ranch Chain Saw
Series 1146

*For in-tree
professional
use only!*

*Discontinued.
Available while
supplies last.*

Chain Saws

Displacement	23.6 cc (1.44 cu. in.)
Engine Power	1.0 kW (1.34 bhp)
Weight*	2.6 kg (5.7 lbs.)
Fuel Capacity	200 cc (6.76 oz.)
Chain Oil Capacity	150 cc (5.07 oz.)
OILOMATIC® Chain	1/4" PM3
Guide Bar Length	30 cm (12") STIHL ROLLOMATIC® E Mini

*Dry weight and powerhead only.

Note: STIHL recommends #3670 (71 PM3 64) OILOMATIC® saw chain and 12" 3005 008 3405 Ematic™ guide bar combination. The actual listed guide bar length can vary from the effective cutting length based on which powerhead it is installed on.

Features

- Specialty/arborist saw for easy handling and less operator fatigue
- Lighter than the MS 150 C-E
- Low-emission engine technology provides better fuel efficiency than a traditional 2-cycle engine and reduces exhaust emissions
- Easy2Start™ system (E)
(See page 24.)
- Purge pump primer for easier starting
- See page 18 for additional information on standard features

Optional Accessory

- 10" (3005 008 3403) STIHL ROLLOMATIC® E Mini Guide Bars are also available

**One of STIHL's lightest and smallest chain saws in its class -
designed for the arborist and tree-service professional.**

NEW! MS 151 C-E

Professional Chain Saw Series 1146



Displacement	23.6 cc (1.44 cu. in.)
Engine Power	1.05 kW (1.41 bhp)
Weight*	2.75 kg (6.1 lbs.)
Fuel Capacity	200 cc (6.76 oz.)
Chain Oil Capacity	150 cc (5.07 oz.)
OILOMATIC® Chain	1/4" PM3
Guide Bar Lengths (Recommended ranges)	25 to 30 cm (10" to 12") STIHL ROLLOMATIC® E Mini

*Dry weight and powerhead only.

Note: STIHL recommends #3670 (71 PM3 64) OILOMATIC® saw chain and 12" 3005 008 3405 Ematic™ guide bar combination. The actual listed guide bar length can vary from the effective cutting length based on which powerhead it is installed on.

Features

- More power than the MS 150 C-E
- Low-emission engine technology provides better fuel efficiency than a traditional 2-cycle engine and reduces exhaust emissions
- Easy2Start™ system (E) (See page 24.)
- Purge pump primer for easier starting
- See page 18 for additional information on standard features

Optional Accessory

- 10" (3005 008 3403) STIHL ROLLOMATIC® E Mini Guide Bars are also available

A homeowner gasoline-powered chain saw with excellent power-to-weight ratio in a compact design.

NEW! MS 151 T C-E

Homeowner Chain Saw
Series 1146

*For in-tree
professional
use only!*



Chain Saws

Displacement	23.6 cc (1.44 cu. in.)
Engine Power	1.05 kW (1.41 bhp)
Weight*	2.6 kg (5.73 lbs.)
Fuel Capacity	200 cc (6.76 oz.)
Chain Oil Capacity	150 cc (5.07 oz.)
OILOMATIC® Chain	1/4" PM3
Guide Bar Lengths (Recommended ranges)	25 to 30 cm (10" to 12") STIHL ROLLOMATIC® E Mini

*Dry weight and powerhead only.

Note: STIHL recommends #3670 (71 PM3 64) OILOMATIC® saw chain and 12" 3005 008 3405 Ematic™ guide bar combination. The actual listed guide bar length can vary from the effective cutting length based on which powerhead it is installed on.

Features

- Specialty/arborist saw for pruning and trimming trees
- More powerful replacement for MS 150 T C-E
- Reduced emissions engine technology
- Excellent power-to-weight ratio in a compact design
- See page 18 for additional information on standard features

Optional Accessory

- STIHL ROLLOMATIC® ES Light Guide Bar available

*A compact, professional tree service chain saw
now with more power.*

MS 170

Professional Chain Saw Series 1130



Displacement	30.1 cc (1.8 cu. in.)
Engine Power	1.3 kW (1.7 bhp)
Weight*	3.9 kg (8.6 lbs.)
Fuel Capacity	250 cc (8.5 oz.)
Chain Oil Capacity	145 cc (4.9 oz.)
OILOMATIC® Chain	3/8" PMM3
Guide Bar Lengths (Recommended ranges)	30 to 40 cm (12" to 16") STIHL ROLLOMATIC® E

*Dry weight and powerhead only.

Note: STIHL recommends #3610 (61 PMM3 55) OILOMATIC® saw chain and 16" 3005 008 3913 Ematic™ guide bar combination. The actual listed guide bar length can vary from the effective cutting length based on which powerhead it is installed on.

Features

- Compact, lightweight design
- IntelliCarb™ compensating carburetor
- Automatic bar and chain oiler
- Anti-vibration system
- Easy-access, heavy fleece air filter
- See page 18 for additional information on standard features

Optional Accessory

- Toolless Quick Chain Adjuster (QCA) for fast and easy chain adjustment (B) (See page 24.)

A lightweight saw with reduced-emission engine technology.

Built in the USA from domestic and foreign parts and components.



Displacement	31.8 cc (1.9 cu. in.)
Engine Power	1.3 kW (1.7 bhp)
Weight*	4.3 kg (9.5 lbs.)
Fuel Capacity	280 cc (9.5 oz.)
Chain Oil Capacity	180 cc (6.1 oz.)
OILOMATIC® Chain	3/8" PMM3
Guide Bar Lengths (Recommended ranges)	30 to 40 cm (12" to 16") STIHL ROLLOMATIC® E

*Dry weight and powerhead only.

Note: STIHL recommends #3610 (61 PMM3 55) OILOMATIC® saw chain and 16" 3005 008 3913 Ematic™ guide bar combination. The actual listed guide bar length can vary from the effective cutting length based on which powerhead it is installed on.

Features

- Reduced-emission engine technology
- Pre-separation air filtration system
- Low vibration
- Toolless fuel and oil caps with retainers
- Side-access chain tensioner
- Translucent fuel and oil tanks
- See page 18 for additional information on standard features

Optional Accessories

- Polymer air filter element
- 7-tooth rim sprocket
- STIHL ROLLOMATIC® E Mini Light Guide Bars 10" (3005 008 7603), 12" (3005 000 7605), and 14" (3005 000 7609) are 30% lighter. For use with PMN and PMM3 saw chain.

A lightweight saw with reduced-emission engine technology.

Built in the USA from domestic and foreign parts and components.

MS 180

Homeowner Chain Saw Series 1130



Displacement	31.9 cc (1.9 cu. in.)
Engine Power	1.5 kW (2.0 bhp)
Weight*	4.1 kg (9.0 lbs.)
Fuel Capacity	250 cc (8.5 oz.)
Chain Oil Capacity	145 cc (4.9 oz.)
OILOMATIC® Chain	3/8" PMM3
Guide Bar Lengths (Recommended ranges)	30 to 40 cm (12" to 16") STIHL ROLLOMATIC® Mini

*Dry weight and powerhead only.

Note: STIHL recommends #3610 (61 PMM3 55) OILOMATIC® saw chain and 16" 3005 008 3913 Ematic™ guide bar combination. The actual listed guide bar length can vary from the effective cutting length based on which powerhead it is installed on.

Features

- IntelliCarb™ compensating carburetor
- Compact, lightweight design
- Side-access chain tensioner
- Easy-access, heavy fleece air filter
- See page 18 for additional information on standard features

Optional Accessories

- STIHL ROLLOMATIC® E Mini Light Guide Bars 10" (3005 008 7603), 12" (3005 000 7605), and 14" (3005 000 7609) are 30% lighter. For use with PMN and PMM3 saw chain.

Lightweight, reliable chain saw for occasional use.

Built in the USA from domestic and foreign parts and components.

MS 180 C-BE

Homeowner Chain Saw
Series 1130

STIHL[®]
Easy2Start[™]

BUILT IN
USA



Chain Saws

Displacement	31.8 cc (1.9 cu. in.)
Engine Power	1.5 kW (2.0 bhp)
Weight*	4.2 kg (9.3 lbs.)
Fuel Capacity	250 cc (8.5 oz.)
Chain Oil Capacity	145 cc (4.9 oz.)
OILOMATIC [®] Chain	3/8" PMM3
Guide Bar Lengths (Recommended ranges)	30 to 40 cm (12" to 16") STIHL ROLLOMATIC [®] Mini

*Dry weight and powerhead only.

Note: STIHL recommends #3610 (61 PMM3 55) OILOMATIC[®] saw chain and 16" 3005 008 3913 Ematic[™] guide bar combination. The actual listed guide bar length can vary from the effective cutting length based on which powerhead it is installed on.

Features

- Easy2Start[™] system (**E**)
(See page 24.)
- Toolless Quick Chain Adjuster (**QCA**) for fast and easy chain adjustment (**B**) (See page 24.)
- Compact, lightweight design
- IntelliCarb[™] compensating carburetor
- See page 18 for additional information on standard features

Optional Accessories

- STIHL ROLLOMATIC[®] E Mini Light Guide Bars 10" (3005 008 7603), 12" (3005 000 7605), and 14" (3005 000 7609) are 30% lighter. For use with PMN and PMM3 saw chain.

Same as the MS 180 but with added convenience features like the QCA and Easy2Start[™].

Built in the USA from domestic and foreign parts and components.

MS 181 C-BE

Homeowner Chain Saw
Series 1139



Displacement	31.8 cc (1.9 cu. in.)
Engine Power	1.5 kW (2.0 bhp)
Weight*	4.6 kg (10.1 lbs.)
Fuel Capacity	280 cc (9.5 oz.)
Chain Oil Capacity	180 cc (6.1 oz.)
OILOMATIC® Chain	3/8" PMM3
Guide Bar Lengths (Recommended ranges)	30 to 40 cm (12" to 16") STIHL ROLLOMATIC® E

*Dry weight and powerhead only.

Note: STIHL recommends #3610 (61 PMM3 55) OILOMATIC® saw chain and 16" 3005 008 3913 Ematic™ guide bar combination. The actual listed guide bar length can vary from the effective cutting length based on which powerhead it is installed on.

Features

- Easy2Start™ system (**E**) (See page 24.)
- Toolless Quick Chain Adjuster (**QCA**) for fast and easy chain adjustment (**B**) (See page 24.)
- Reduced-emission engine technology
- Pre-separation air filtration system
- IntelliCarb™ compensating carburetor
- Toolless fuel and oil caps with retainers
- See page 18 for additional information on standard features

Optional Accessories

- Polymer air filter element
- STIHL ROLLOMATIC® E Mini Light Guide Bars 10" (3005 008 7603), 12" (3005 000 7605), and 14" (3005 000 7609) are 30% lighter. For use with PMN and PMM3 saw chain.

**All the comfort features as the MS 180 C-BE
but with larger fuel and oil capacity for fewer fills.**

Built in the USA from domestic and foreign parts and components.

MS 193 C-E

STIHL®
Easy2Start™

BUILT IN
USA



Farm & Ranch Chain Saw
Series 1137

Discontinued.
Available while
supplies last.

Chain Saws

Displacement	30.1 cc (1.8 cu. in.)
Engine Power	1.3 kW (1.74 bhp)
Weight*	3.45 kg (7.61 lbs.)
Fuel Capacity	270 cc (9.1 oz.)
Chain Oil Capacity	220 cc (7.4 oz.)
OILOMATIC® Chain	3/8" PM3
Guide Bar Lengths (Recommended ranges)	30 to 40 cm (12" to 16") STIHL ROLLOMATIC® E

*Dry weight and powerhead only.

Note: STIHL recommends #3610 (61 PM3 50) OILOMATIC® saw chain and 14" 3005 008 3909 Ematic™ guide bar combination. The actual listed guide bar length can vary from the effective cutting length based on which powerhead it is installed on.

Features

- Low-emission engine technology provides better fuel efficiency than a traditional 2-cycle engine and reduces exhaust emissions
- Compact design and size provides easy maneuverability and reduced operator fatigue
- Easy2Start™ system (E)
(See page 24.)
- Purge pump primer for easier starting
- Toolless fuel and oil caps with retainers
- Toolless air filter access
- See page 18 for additional information on standard features

Optional Accessories

- 12" to 16" STIHL ROLLOMATIC® E and STIHL ROLLOMATIC® E Mini Light guide bars

A compact chain saw that offers professional-grade quality to homeowners.

Built in the USA from domestic and foreign parts and components.

MS 193 T

Professional Chain Saw Series 1137



For in-tree professional use only!

*Discontinued.
Available while supplies last.*



Displacement	30.1 cc (1.84 cu. in.)
Engine Power	1.3 kW (1.74 bhp)
Weight*	3.3 kg (7.28 lbs.)
Fuel Capacity	270 cc (9.1 oz.)
Chain Oil Capacity	220 cc (7.4 oz.)
OILOMATIC® Chain	3/8" PM3
Guide Bar Length	35 cm (14") STIHL ROLLOMATIC® E

*Dry weight and powerhead only.

Note: STIHL recommends #3610 (61 PM3 50) OILOMATIC® saw chain and 14" 3005 008 3909 Ematic™ guide bar combination. The actual listed guide bar length can vary from the effective cutting length based on which powerhead it is installed on.

Features

- Low-emission engine technology provides better fuel efficiency than a traditional 2-cycle engine and reduces exhaust emissions
- Compact design and size provides easy maneuverability and reduced operator fatigue
- Purge pump primer for easier starting
- Toolless fuel and oil caps with retainers
- Toolless air filter access
- Built-in ring for lanyard
- See page 18 for additional information on standard features

Optional Accessories

- 12" to 16" STIHL ROLLOMATIC® E and STIHL ROLLOMATIC® E Mini Light guide bars

A compact, top-handled, professional arborist chain saw at an affordable price.

Built in the USA from domestic and foreign parts and components.

NEW! MS 194 C-E



Farm & Ranch Chain Saw
Series 1137



Chain Saws

Displacement	31.8 cc (1.94 cu. in.)
Engine Power	1.4 kW (1.88 bhp)
Weight*	3.45 kg (7.6 lbs.)
Fuel Capacity	270 cc (9.1 oz.)
Chain Oil Capacity	220 cc (7.4 oz.)
OILOMATIC® Chain	3/8" PM3
Guide Bar Lengths (Recommended ranges)	30 to 40 cm (12" to 16") STIHL ROLLOMATIC®

*Dry weight and powerhead only.

Note: STIHL recommends #3610 (61 PM3 50) OILOMATIC® saw chain and 14" 3005 008 3909 Ematic™ guide bar combination. The actual listed guide bar length can vary from the effective cutting length based on which powerhead it is installed on.

Features

- For felling small trees, trimming and firewood cutting
- More powerful replacement for MS 193 C-E
- Reduced emissions engine technology
- Diagnostic port
- Excellent power-to-weight ratio in a compact design
- See page 18 for additional information on standard features

Optional Accessory

- STIHL ROLLOMATIC® ES Light guide bar available

A compact, professional quality chain saw now with more power for landowners and landscapers.

NEW! MS 194 T

Farm & Ranch Chain Saw Series 1137



*For in-tree
professional
use only!*



Displacement	31.8 cc (1.94 cu. in.)
Engine Power	1.4 kW (1.88 bhp)
Weight*	3.8 kg (7.28 lbs.)
Fuel Capacity	270 cc (9.1 oz.)
Chain Oil Capacity	220 cc (7.4 oz.)
OILOMATIC® Chain	3/8" PM3
Guide Bar Lengths (Recommended ranges)	30 to 40 cm (12" to 16") STIHL ROLLOMATIC®

*Dry weight and powerhead only.

Note: STIHL recommends #3610 (61 PM3 50) OILOMATIC® saw chain and 14" 3005 008 3909 Ematic™ guide bar combination. The actual listed guide bar length can vary from the effective cutting length based on which powerhead it is installed on.

Features

- Specialty/arborist saw for pruning and trimming trees
- More powerful replacement for MS 193 T
- Reduced emissions engine technology
- Diagnostic port
- Excellent power-to-weight ratio in a compact design
- See page 18 for additional information on standard features

Optional Accessory

- STIHL ROLLOMATIC® ES
Light guide bar available

A compact arborist chain saw at an affordable price.

MS 201 C-EM

STIHL
Easy 2 Start™

Farm & Ranch Chain Saw
Series 1145

Chain Saws



Displacement	35.2 cc (2.15 cu. in.)
Engine Power	1.8 kW (2.41 bhp)
Weight*	3.9 kg (8.6 lbs.)
Fuel Capacity	310 cc (10.5 oz.)
Chain Oil Capacity	220 cc (7.4 oz.)
OILOMATIC® Chain	3/8" PS3
Guide Bar Lengths (Recommended ranges)	30 to 40 cm (12" to 16") STIHL ROLLOMATIC® E or STIHL ROLLOMATIC® E Light

*Dry weight and powerhead only.

Note: STIHL recommends #3616 (63 PS3 50) OILOMATIC® saw chain and 14" 3005 000 7409 Ematic™ guide bar combination. The actual listed guide bar length can vary from the effective cutting length based on which powerhead it is installed on.

Features

- Features STIHL M-Tronic™ (M)
 - Innovative, microprocessor-controlled engine management system adjusts the engine to compensate for changes in operating conditions, thus maintaining optimum engine performance. (See page 22.)
- Scavenging engine technology reduces emissions by 70% and reduces fuel consumption by up to 20% as compared to previous models
- Easy2Start™ system (E)
(See page 24.)
- Master Control Lever™
- Captured guide bar nut
- Adjustable oil pump
- Improved air filtration as compared to previous models
- STIHL PICCO™ SUPER 3 saw chain
- See page 18 for additional information on standard features

Optional Accessories

- Chain saw carrying case
- Sharpening files and guides
- Lightweight Ematic™ guide bars

*Lightweight, high-performing chain saw
with STIHL M-Tronic™ technology.*

MS 201 T C-M

Professional Chain Saw Series 1145

*For in-tree
professional
use only!*



Displacement	35.2 cc (2.15 cu. in.)
Engine Power	1.8 kW (2.41 bhp)
Weight*	3.71 kg (8.16 lbs.)
Fuel Capacity	310 cc (10.5 oz.)
Chain Oil Capacity	220 cc (7.4 oz.)
OILOMATIC® Chain	3/8" PS3
Guide Bar Lengths (Recommended ranges)	30 to 40 cm (12" to 16") STIHL ROLLOMATIC® E or STIHL ROLLOMATIC® E Light

*Dry weight and powerhead only.

Note: STIHL recommends #3616 (63 PS3 50) OILOMATIC® saw chain and 14" 3005 000 7409 Ematic™ guide bar combination. The actual listed guide bar length can vary from the effective cutting length based on which powerhead it is installed on.

Features

- Features STIHL M-Tronic™ (M)
 - Innovative, microprocessor-controlled engine management system adjusts the engine to compensate for changes in operating conditions, thus maintaining optimum engine performance. (See page 22.)
- Scavenging engine technology reduces emissions by 70% and reduces fuel consumption by up to 20% as compared to previous models
- Master Control Lever™
- Captured guide bar nut
- Built-in retractable carry ring
- Adjustable oil pump
- STIHL PICCO™ SUPER 3 saw chain
- Top handle (T)
- See page 18 for additional information on standard features

Optional Accessories

- Chain saw carrying case
- Sharpening files and guides
- Lightweight Ematic™ guide bars

Advanced arborist chain saw with STIHL M-Tronic™ engine management.



Displacement	35.2 cc (2.15 cu. in.)
Engine Power	1.7 kW (2.3 bhp)
Weight*	4.3 kg (9.5 lbs.)
Fuel Capacity	280 cc (9.5 oz.)
Chain Oil Capacity	180 cc (6.1 oz.)
OILOMATIC® Chain	3/8" PM3
Guide Bar Length	45 cm (18") STIHL ROLLOMATIC®

*Dry weight and powerhead only.

Note: STIHL recommends #3636 (63 PM3 61) OILOMATIC® saw chain and 18" 3005 000 4817 Ematic™ guide bar combination. The actual listed guide bar length can vary from the effective cutting length based on which powerhead it is installed on.

Features

- Low-emission engine technology
- Pre-separation air filtration system
- IntelliCarb™ compensating carburetor
- Carburetor preheat shutter for summer/winter operation
- Toolless fuel and oil caps with retainers
- See page 18 for additional information on standard features

Optional Accessories

- 7-tooth rim sprocket
- Polymer air filter element

A low-emission chain saw now with 18" bar and chain.
Built in the USA from domestic and foreign parts and components.

MS 211 C-BE

Homeowner Chain Saw
Series 1139

STIHL[®]
Easy2Start[™]

BUILT IN
USA



Displacement	35.2 cc (2.15 cu. in.)
Engine Power	1.7 kW (2.3 bhp)
Weight*	4.6 kg (10.1 lbs.)
Fuel Capacity	280 cc (9.5 oz.)
Chain Oil Capacity	180 cc (6.1 oz.)
OILOMATIC[®] Chain	3/8" PM3
Guide Bar Length	45 cm (18") STIHL ROLLOMATIC [®]

*Dry weight and powerhead only.

Note: STIHL recommends #3636 (63 PM3 61) OILOMATIC[®] saw chain and 18" 3005 000 4817 Ematic[™] guide bar combination. The actual listed guide bar length can vary from the effective cutting length based on which powerhead it is installed on.

Features

- Low-emission engine technology
- Pre-separation air filtration system
- Easy2Start[™] system (E)
(See page 24.)
- Toolless Quick Chain Adjuster (QCA) for fast and easy chain adjustment (B) (See page 24.)
- IntelliCarb[™] compensating carburetor
- Carburetor preheat shutter for summer/winter operation
- Toolless fuel and oil caps with retainers
- See page 18 for additional information on standard features

Optional Accessories

- 7-tooth rim sprocket
- Polymer air filter element

Same as MS 211 plus our toolless Quick Chain Adjuster (QCA), Easy2Start[™] system and now with 18" guide bar.

Built in the USA from domestic and foreign parts and components.

MS 241 C-M



Professional Chain Saw Series 1143

Discontinued.
Available while
supplies last.



Displacement	42.6 cc (2.6 cu. in.)
Engine Power	2.3 kW (3.1 bhp)
Weight*	4.5 kg (9.9 lbs.)
Fuel Capacity	370 cc (12.5 oz.)
Chain Oil Capacity	207 cc (7.0 oz.)
OILOMATIC® Chain	3/8" PS3
Guide Bar Lengths (Recommended ranges)	30 to 40 cm (12" to 16") STIHL ROLLOMATIC® E

*Dry weight and powerhead only.

Note: STIHL recommends #3616 (63 PS3 55) OILOMATIC® saw chain and 16" 3005 008 4813 Ematic™ guide bar combination. The actual listed guide bar length can vary from the effective cutting length based on which powerhead it is installed on.

Features

- Features STIHL M-Tronic™ (M)
 - Innovative, microprocessor-controlled engine management system adjusts the engine to compensate for changes in operating conditions, thus maintaining optimum engine performance. (See page 22.)
- Pre-separation air filtration system
- Reduced-emission engine technology
- Advanced anti-vibration system
- Toolless fuel and oil caps with retainers
- Captive guide bar nut in sprocket cover
- See page 18 for additional information on standard features

Compact, professional chain saw with reduced emission, scavenging engine technology and STIHL M-Tronic™.

Built in the USA from domestic and foreign parts and components.

MS 250

Homeowner Chain Saw Series 1123



Displacement	45.4 cc (2.77 cu. in.)
Engine Power	2.2 kW (3.0 bhp)
Weight*	4.6 kg (10.1 lbs.)
Fuel Capacity	470 cc (15.9 oz.)
Chain Oil Capacity	200 cc (6.8 oz.)
OILOMATIC® Chain	.325" RM3
Guide Bar Length	45 cm (18") STIHL ROLLOMATIC®

*Dry weight and powerhead only.

Note: STIHL recommends #3634 (26 RM3 68) OILOMATIC® saw chain and 18" 3005 008 4717 Ematic™ guide bar combination. The actual listed guide bar length can vary from the effective cutting length based on which powerhead it is installed on.

Features

- Larger displacement and lighter weight as compared to most STIHL homeowner chain saws
- Toolless fuel and oil caps with retainers
- Carburetor preheat shutter for summer/winter operation
- Side-access chain tensioner
- See page 18 for additional information on standard features

Optional Accessory

- Toolless Quick Chain Adjuster (QCA) for fast and easy chain adjustment (B) (See page 24.)

**Designed for firewood cutting and around-the-home tasks
with a great power-to-weight ratio.**

Built in the USA from domestic and foreign parts and components.

MS 251 WOOD BOSS®



Homeowner Chain Saw
Series 1143



Chain Saws

Displacement	45.6 cc (2.78 cu. in.)
Engine Power	2.2 kW (3.0 bhp)
Weight*	4.9 kg (10.8 lbs.)
Fuel Capacity	390 cc (13.2 oz.)
Chain Oil Capacity	198 cc (6.7 oz.)
OILOMATIC® Chain	.325" RM3
Guide Bar Length	45 cm (18") STIHL ROLLOMATIC®

*Dry weight and powerhead only.

Note: STIHL recommends #3634 (26 RM3 68) OILOMATIC® saw chain and 18" 3005 008 4717 ROLLOMATIC® E guide bar combination. The actual listed guide bar length can vary from the effective cutting length based on which powerhead it is installed on.

Features

- The MS 251 series has the largest displacement of all STIHL homeowner chain saws
- Pre-separation air filtration system
- Round, canister-style air filter
- Toolless fuel and oil caps with retainers
- Reduced-emission engine technology
- Master Control Lever™
- See page 18 for additional information on standard features

Optional Accessories

- Chain saw carrying case
- Filing guides
- Bar and chain lubricant
- STIHL MotoMix®

The WOOD BOSS® packed with reduced-emission engine technology and power where you need it.

Built in the USA from domestic and foreign parts and components.

MS 251 C-BE

Homeowner Chain Saw
Series 1143

STIHL[®]
Easy2Start[™]

BUILT IN
USA



Displacement	45.6 cc (2.78 cu. in.)
Engine Power	2.2 kW (3.0 bhp)
Weight*	5.3 kg (11.9 lbs.)
Fuel Capacity	390 cc (13.2 oz.)
Chain Oil Capacity	198 cc (6.7 oz.)
OILOMATIC[®] Chain	.325" RM3
Guide Bar Length	45 cm (18") STIHL ROLLOMATIC [®]

*Dry weight and powerhead only.

Note: STIHL recommends #3634 (26 RM3 68) OILOMATIC[®] saw chain and 18" 3005 008 4717 ROLLOMATIC[®] E guide bar combination. The actual listed guide bar length can vary from the effective cutting length based on which powerhead it is installed on.

Features

- Easy2Start[™] system (E)
(See page 24.)
- Pre-separation air filtration system
- Round, canister-style air filter
- Toolless fuel and oil caps with retainers
- Reduced-emission engine technology
- Master Control Lever[™]
- See page 18 for additional information on standard features

Optional Accessories

- Chain saw carrying case
- Filing guides
- Bar and chain lubricant
- STIHL MotoMix[®]

**Same large displacement engine as the
MS 251 STIHL[®] WOOD BOSS[®] plus other comfort features.**

Built in the USA from domestic and foreign parts and components.

MS 261

Professional Chain Saw
Series 1141



Displacement	50.2 cc (3.06 cu. in.)
Engine Power	3.0 kW (4.0 bhp)
Weight*	4.9 kg (10.8 lbs.)
Fuel Capacity	500 cc (16.9 oz.)
Chain Oil Capacity	270 cc (9.13 oz.)
OILOMATIC® Chain	.325" RM3
Guide Bar Lengths (Recommended ranges)	40 to 50 cm (16" to 20") STIHL ROLLOMATIC® E

*Dry weight and powerhead only.

Note: STIHL recommends #3634 (26 RM3 67) OILOMATIC® saw chain and 16" 3003 008 6813 Ematic™ guide bar combination. The actual listed guide bar length can vary from the effective cutting length based on which powerhead it is installed on.

Features

- Pre-separation air filtration system
- Canister-style air filter element for fine dust filtering
- IntelliCarb™ compensating carburetor
- Toolless fuel and oil caps with retainers
- Reduced-emission engine technology
- Captured bar nuts in sprocket cover
- Advanced anti-vibration system
- Side-access chain tensioner
- Decompression valve for easier starts
- See page 18 for additional information on standard features

Professional 50 cc engine with reduced-emission technology.
Built in the USA from domestic and foreign parts and components.

MS 261 C-M

Professional Chain Saw Series 1141



Displacement	50.2 cc (3.06 cu. in.)
Engine Power	3.0 kW (4.0 bhp)
Weight*	4.9 kg (10.8 lbs.)
Fuel Capacity	500 cc (16.9 oz.)
Chain Oil Capacity	270 cc (9.13 oz.)
OILOMATIC® Chain	.325" RM3
Guide Bar Lengths (Recommended ranges)	40 to 50 cm (16" to 20") STIHL ROLLOMATIC® E

*Dry weight and powerhead only.

Note: STIHL recommends #3634 (26 RM3 67) OILOMATIC® saw chain and 16" 3003 008 6813 Ematic™ guide bar combination. The actual listed guide bar length can vary from the effective cutting length based on which powerhead it is installed on.

Features

- Features STIHL M-Tronic™ (M) – Innovative, microprocessor-controlled engine management system adjusts the engine to compensate for changes in operating conditions, thus maintaining optimum engine performance. (See page 22.)
- Pre-separation air filtration system
- New canister-style air filter element for fine dust filtering
- Toolless fuel and oil caps with retainers
- Decompression valve for easier starts
- Reduced-emission engine technology
- Captured bar nuts in sprocket cover
- See page 18 for additional information on standard features

**Popular mid-size professional chain saw
with STIHL M-Tronic™ technology.**

Built in the USA from domestic and foreign parts and components.

MS 271 FARM BOSS®



Farm & Ranch Chain Saw
Series 1141



Chain Saws

Displacement	50.2 cc (3.06 cu. in.)
Engine Power	2.6 kW (3.49 bhp)
Weight*	5.6 kg (12.3 lbs.)
Fuel Capacity	500 cc (16.9 oz.)
Chain Oil Capacity	240 cc (8.12 oz.)
OILOMATIC® Chain	.325" RM3
Guide Bar Lengths (Recommended ranges)	40 to 50 cm (16" to 20") STIHL ROLLOMATIC®

*Dry weight and powerhead only.

Note: STIHL recommends #3634 (26 RM3 67) OILOMATIC® saw chain and 16" 3003 812 6813 Ematic™ guide bar combination. The actual listed guide bar length can vary from the effective cutting length based on which powerhead it is installed on.

Features

- Low-emission, fuel-efficient engine – reduces fuel consumption and delivers 20% longer run times between refuelings as compared to previous models
- 50% lower emissions than the MS 270
- Pre-separation air filtration system
- Advanced anti-vibration system
- Toolless fuel and oil caps with retainers
- Side-access chain tensioner
- Complete with lightweight muffler
- Compact, ergonomic design
- See page 18 for additional information on standard features

Powerful, fuel-efficient chain saw with reduced-emission engine technology that's built tough for felling, firewood cutting and storm cleanup tasks.

Built in the USA from domestic and foreign parts and components.

MS 291

Farm & Ranch Chain Saw Series 1141



Displacement	55.5 cc (3.39 cu. in.)
Engine Power	2.8 kW (3.76 bhp)
Weight*	5.6 kg (12.3 lbs.)
Fuel Capacity	500 cc (16.9 oz.)
Chain Oil Capacity	240 cc (8.12 oz.)
OILOMATIC® Chain	.325" RM3
Guide Bar Lengths (Recommended ranges)	40 to 50 cm (16" to 20") STIHL ROLLOMATIC®

*Dry weight and powerhead only.

Note: STIHL recommends #3634 (26 RM3 67) OILOMATIC® saw chain and 16" 3003 000 6813 Ematic™ guide bar combination. The actual listed guide bar length can vary from the effective cutting length based on which powerhead it is installed on.

Features

- Low-emission, fuel-efficient engine – reduces fuel consumption and delivers 20% longer run times between refuelings as compared to previous models
- Pre-separation air filtration system
- Advanced anti-vibration system
- Toolless fuel and oil caps with retainers
- Side-access chain tensioner
- Complete with lightweight muffler
- See page 18 for additional information on standard features

**Dependable, mid-range chain saw with anti-vibration system.
Fuel-efficient engine increases run time between refuelings
by 20% compared to previous model.**

Built in the USA from domestic and foreign parts and components.



Displacement	59.0 cc (3.6 cu. in.)
Engine Power	3.1 kW (4.2 bhp)
Weight*	6.2 kg (13.67 lbs.)
Fuel Capacity	600 cc (20.3 oz.)
Chain Oil Capacity	350 cc (11.8 oz.)
OILOMATIC® Chain	3/8" RS3
Guide Bar Lengths (Recommended ranges)	40 to 50 cm (16" to 20") STIHL ROLLOMATIC®

*Dry weight and powerhead only.

Note: STIHL recommends #3624 (33 RS3 60) OILOMATIC® saw chain and 16" 3003 008 8913 Ematic™ guide bar combination. The actual listed guide bar length can vary from the effective cutting length based on which powerhead it is installed on.

Features

- Advanced engine technology (Low fuel consumption and reduced emissions/more power over previous models)
- Pre-separation air filtration system
- Advanced anti-vibration system
- Toolless fuel and oil caps with retainers
- Side-access chain tensioner
- Decompression valve for easier starts
- See page 18 for additional information on standard features

Advanced engine technology improves fuel efficiency by up to 20% compared to previous models, for longer run times.

MS 362

Professional Chain Saw Series 1140



Displacement	59.0 cc (3.6 cu. in.)
Engine Power	3.5 kW (4.69 bhp)
Weight*	Flush-Cut (shown): 5.6 kg (12.3 lbs.)
Fuel Capacity	600 cc (20.3 oz.)
Chain Oil Capacity	325 cc (11.0 oz.)
OILOMATIC® Chain	3/8" RS3
Guide Bar Lengths (Recommended ranges)	40 to 63 cm (16" to 25") STIHL ROLLOMATIC®

*Dry weight and powerhead only.

Note: STIHL recommends #3624 (33 RS3 72) OILOMATIC® saw chain and 20" 3003 008 8921 Ematic™ guide bar combination. The actual listed guide bar length can vary from the effective cutting length based on which powerhead it is installed on.

Features

- Advanced engine technology (Low fuel consumption and reduced emissions/more power over previous models)
- Pre-separation air filtration system
- Advanced anti-vibration system
- Toolless fuel and oil caps with retainers
- Side-access chain tensioner
- Decompression valve for easier starts
- See page 18 for additional information on standard features

Optional Accessory

- Wrap-handle version (R) available (MS 362 R)

The MS 362 has an optimum combination of torque, power and weight.

MS 362 C-M

Professional Chain Saw
Series 1140



Chain Saws

Displacement	59.0 cc (3.6 cu. in.)
Engine Power	3.5 kW (4.69 bhp)
Weight*	Flush-Cut (Shown): 5.6 kg (12.35 lbs.) Wrap-Handle: 6.0 kg (13.2 lbs.)
Fuel Capacity	600 cc (20.3 oz.)
Chain Oil Capacity	325 cc (11.0 oz.)
OILOMATIC® Chain	3/8" RS3
Guide Bar Lengths (Recommended ranges)	40 to 63 cm (16" to 25") STIHL ROLLOMATIC®

*Dry weight and powerhead only.

Note: STIHL recommends #3624 (33 RS3 72) OILOMATIC® saw chain and 20" 3003 008 8921 Ematic™ guide bar combination. The actual listed guide bar length can vary from the effective cutting length based on which powerhead it is installed on.

Features

- Features STIHL M-Tronic™ (M)
 - Innovative, microprocessor-controlled engine management system adjusts the engine to compensate for changes in operating conditions, thus maintaining optimum engine performance. (See page 22.)
- Advanced engine technology (Low fuel consumption and reduced emissions/more power over previous model)
- Pre-separation air filtration system
- Captured bar nuts in sprocket cover
- Advanced anti-vibration system
- Toolless fuel and oil caps with retainers
- Side-access chain tensioner
- Decompression valve
- See page 18 for additional information on standard features

Optional Accessory

- Wrap-handle version (R) available (MS 362 R C-M)

The optimum combination of torque, power and weight with the engine performance benefits of STIHL M-Tronic™.

MS 391

Farm & Ranch Chain Saw Series 1140



Displacement	64.1 cc (3.9 cu. in.)
Engine Power	3.3 kW (4.4 bhp)
Weight*	6.2 kg (13.67 lbs.)
Fuel Capacity	600 cc (20.3 oz.)
Chain Oil Capacity	350 cc (11.8 oz.)
OILOMATIC® Chain	3/8" RS3
Guide Bar Lengths (Recommended ranges)	40 to 50 cm (16" to 20") STIHL ROLLOMATIC®

*Dry weight and powerhead only.

Note: STIHL recommends #3624 (33 RS3 72) OILOMATIC® saw chain and 20" 3003 008 8921 Ematic™ guide bar combination. The actual listed guide bar length can vary from the effective cutting length based on which powerhead it is installed on.

Features

- Advanced engine technology (Low fuel consumption and reduced emissions/more power over previous model)
- Pre-separation air filtration system
- Advanced anti-vibration system
- Toolless fuel and oil caps with retainers
- Side-access chain tensioner
- IntelliCarb™ compensating carburetor
- See page 18 for additional information on standard features

Mid-range chain saw with anti-vibration system and reduced-emissions technology engine technology.

MS 441 C-M MAGNUM®

Professional Chain Saw
Series 1138

Discontinued.
Available while
supplies last.



Chain Saws

Displacement	70.7 cc (4.3 cu. in.)
Engine Power	4.2 kW (5.6 bhp)
Weight*	Flush-Cut (Shown): 6.6 kg (14.6 lbs.) Wrap-Handle: 7.0 kg (15.4 lbs.)
Fuel Capacity	725 cc (24.5 oz.)
Chain Oil Capacity	360 cc (12.2 oz.)
OILOMATIC® Chain	3/8" RS3
Guide Bar Lengths (Recommended ranges)	40 to 80 cm (16" to 32") STIHL ROLLOMATIC® E Super

*Dry weight and powerhead only.

Note: STIHL recommends #3624 (33 RS3 84) OILOMATIC® saw chain and 25" 3003 000 4030 Ematic™ guide bar combination. The actual listed guide bar length can vary from the effective cutting length based on which powerhead it is installed on.

Features

- Features STIHL M-Tronic™ (M)
 - Innovative, microprocessor-controlled engine management system adjusts the engine to compensate for changes in operating conditions, thus maintaining optimum engine performance. (See page 22.)
- Simplified warm start procedure
- Pre-separation air filtration offers longer run times
- Toolless fuel and oil caps with retainers
- Transparent fuel tank
- Side-access chain tensioner
- Decompression valve for easier starts
- Advanced anti-vibration system to help reduce operator fatigue
- See page 18 for additional information on standard features

Optional Accessory

- Wrap-handle version (R) available (MS 441 R C-M)

**Professional chain saw with STIHL M-Tronic™
reduced-emission engine technology.**

MS 461

Professional Chain Saw Series 1128

Discontinued.
Available
while supplies
last.



Displacement	76.5 cc (4.7 cu. in.)
Engine Power	4.5 kW (6.0 bhp)
Weight*	Flush-Cut (Shown): 6.6 kg (14.6 lbs.) Wrap-Handle: 7.1 kg (15.7 lbs.)
Fuel Capacity	800 cc (27.1 oz.)
Chain Oil Capacity	325 cc (11.0 oz.)
OILOMATIC® Chain	3/8" RS3
Guide Bar Lengths (Recommended ranges)	40 to 80 cm (16" to 32") STIHL ROLLOMATIC® E Super

*Dry weight and powerhead only.

Note: STIHL recommends #3624 (33 RS3 84) OILOMATIC® saw chain and 25" 3003 000 4030 Ematic™ guide bar combination. The actual listed guide bar length can vary from the effective cutting length based on which powerhead it is installed on.

Features

- Fuel-efficient chain saw uses up to 20% less fuel than previous model - cutting downtime and fuel costs
- IntelliCarb™ compensating carburetor
- Toolless fuel and oil caps with retainers
- Decompression valve
- ElastoStart™ starter handle
- Adjustable automatic bar and chain oiler
- Side-access chain tensioner
- Long-term filter system using HD filter element
- See page 18 for additional information on standard features

Optional Accessory

- Wrap-handle version (R) with extended chip deflector on sprocket cover (MS 461 R)

Fuel-efficient chain saw for the demanding professional looking to cut big timber.

MS 461 R "RESCUE"



For Fire/Rescue Service only!

**Professional Chain Saw
Series 1128**

**Discontinued.
Available while supplies last.**



Shown with optional depth limiter.

Chain Saws

Displacement	76.5 cc (4.7 cu. in.)
Engine Power	4.5 kW (6.0 bhp)
Weight*	7.0 kg (15.4 lbs.)
Overall Dimensions w/20" Bar (L/W/H)	108.2 cm/30.0 cm/32.0 cm (42.6"/11.8"/12.6")
Overall Volume w/20" Bar	101.2 L (3.57 cu. ft.)
Fuel Capacity	800 cc (27.1 oz.)
Chain Oil Capacity	325 cc (11.0 oz.)
OILOMATIC® Chain	3/8" RDR Rescue Chain
Guide Bar Lengths (Recommended ranges)	40 to 63 cm (16" to 25")** STIHL ROLLOMATIC® ES

*Dry weight and powerhead only.

Note: STIHL recommends #3944 (36 RDR 72) OILOMATIC® saw chain and 20" 3003 000 9421 Ematic™ guide bar combination. The actual listed guide bar length can vary from the effective cutting length based on which powerhead it is installed on.

**Depth Limiter Kit consists of depth limiter and special 20" guide bar (3003 002 9421), which must be used. Maximum depth of cut with depth limiter is 7.8 in. (20 cm).

Features

- Wrap-handle (R)
- Extra large starter handle for use with fire/rescue gloves
- Extended chip deflector
- Built-in tool holder
- Special muffler shield
- Toolless fuel and oil caps with retainers
- IntelliCarb™ compensating carburetor
- Adjustable automatic bar and chain oiler
- Easy-access heavy-duty air filter
- Side-access chain tensioner
- See page 18 for additional information on standard features

Optional Accessory

- Cutting depth limiter kit (1128 261 0002)

**Designed exclusively for fire, rescue
and emergency services work.**

MS 462 C-M

Professional Chain Saw Series 1142



Displacement	72.2 cc (4.41 cu. in.)
Engine Power	4.5 kW (6.0 bhp)
Weight*	Flush-Cut (Shown): 6.0 kg (13.2 lbs.) Wrap-Handle: 6.3 kg (13.9 lbs.)
Fuel Capacity	720 cc (24.35 oz.)
Chain Oil Capacity	340 cc (11.5 oz.)
OILOMATIC® Chain	3/8" RS3
Guide Bar Lengths (Recommended ranges)	40 to 70 cm (16" to 28") STIHL ROLLOMATIC® ES Light

*Dry weight and powerhead only.

Note: STIHL recommends #3624 (33 RS3 84) OILOMATIC® saw chain and 25" 3003 000 4030 Ematic™ guide bar combination. The actual listed guide bar length can vary from the effective cutting length based on which powerhead it is installed on.

Features

- Features STIHL M-Tronic™ (M) – Innovative, microprocessor-controlled engine management system adjusts the engine to compensate for changes in operating conditions, thus maintaining optimum engine performance. (See page 22.)
- Pre-separation air filtration with HD2 filter offers longer run times
- E-matic™ oil flow system with increased adjustment range
- Reduced exhaust emissions technology
- Toolless fuel and oil caps with retainers
- Captured bar nuts in sprocket cover
- Translucent fuel tank
- Side-access chain tensioner
- Decompression valve for easier starts
- Advanced anti-vibration system to help reduce operator fatigue
- See page 18 for additional information on standard features

Optional Accessory

- Wrap-handle version (R) available (MS 462 R C-M)

Optimum torque, power and weight combined with the performance benefits of STIHL M-Tronic™ in a newly styled design.

MS 462 R C-M "RESCUE"



For Fire/Rescue Service only!

**Professional Chain Saw
Series 1142**

Shown with optional depth limiter.



Chain Saws

Displacement	72.2 cc (4.4l cu. in.)
Engine Power	4.4 kW (6.0 bhp)
Weight*	6.5 kg (14.3 lbs.)
Fuel Capacity	720 cc (24.35 oz.)
Chain Oil Capacity	340 cc (11.5 oz.)
OILOMATIC® Chain	3/8" RDR Rescue Chain
Guide Bar Lengths	50 cm (20") STIHL ROLLOMATIC® ES

*Dry weight and powerhead only.

Note: STIHL recommends #3944 (36 RDR 72) OILOMATIC® saw chain and 20" 3003 002 9421 Ematic™ guide bar combination. The actual listed guide bar length can vary from the effective cutting length based on which powerhead it is installed on.

Features

- Lightest STIHL Rescue chain saw
- Next generation STIHL M-Tronic™ (M) engine management system
- Anti-Vibration Buffer Mounts limit vibration and absorb shock
- Depth Limiter with quick-release adjuster
- Wrap-handle (R)
- Extra large starter handle for use with fire/rescue gloves
- Extended chip deflector
- Built-in tool holder
- Special muffler shield
- Toolless fuel and oil caps with retainers
- Adjustable automatic bar and chain oiler
- Easy-access heavy-duty air filter
- Side-access chain tensioner
- Decompression valve for easier starts
- Captured bar nuts in sprocket cover
- See page 18 for additional information on standard features

Optional Accessory

- Cutting depth limiter kit (3003 650 6503)

Offers reliable power and designed exclusively for fire, rescue and emergency service personnel.

NEW! MS 500i

Professional Chain Saw Series 1147



Shown with optional lightweight guide bar.

Displacement	79.2 cc (4.83 cu. in.)
Engine Power	5.0 kW (6.7 bhp)
Weight*	Flush-Cut (Shown): 6.3 kg (13.9 lbs.) Wrap-Handle: 6.7 kg (14.8 lbs.)
Fuel Capacity	785 cc (26.05 oz.)
Chain Oil Capacity	325 cc (11.0 oz.)
OILOMATIC® Chain	3/8" RS3
Guide Bar Lengths	40 cm to 90 cm (16" to 36") STIHL ROLLOMATIC® ES Light

*Dry weight and powerhead only.

Note: STIHL recommends #3624 (33 RS3 84) OILOMATIC® saw chain and 25" 3003 000 4030 Ematic™ guide bar combination. The actual listed guide bar length can vary from the effective cutting length based on which powerhead it is installed on.

Features

- Innovative, STIHL-designed injection technology
- Excellent power-to-weight ratio
- Stop switch with purge pump primer for optimized starting
- Control unit with new generation diagnostic software
- Decompression valve for easier starts
- Captured bar nuts in sprocket cover
- See page 18 for additional information on standard features

Optional Accessory

- Wrap-handle version (R) available (MS 500i R)

World's first chain saw with STIHL injection technology.

MS 661 C-M

Professional Chain Saw Series 1144



Shown with optional lightweight guide bar.



Displacement	91.1 cc (5.56 cu. in.)
Engine Power	5.4 kW (7.2 bhp)
Weight*	Flush-Cut (Shown): 7.4 kg (16.3 lbs.) Wrap-Handle: 7.66 kg (16.8 lbs.)
Fuel Capacity	825 cc (27.9 oz.)
Chain Oil Capacity	360 cc (12.2 oz.)
OILOMATIC® Chain	3/8" RS3
Guide Bar Lengths (Recommended ranges)	40 to 80 cm (16" to 32") STIHL ROLLOMATIC® E Super

*Dry weight and powerhead only.

Note: STIHL recommends #3624 (33 RS3 84) OILOMATIC® saw chain and 25" 3003 000 4030 Ematic™ guide bar combination. The actual listed guide bar length can vary from the effective cutting length based on which powerhead it is installed on.

Features

- Features STIHL M-Tronic™ (M) – Innovative, microprocessor-controlled engine management system adjusts the engine to compensate for changes in operating conditions, thus maintaining optimum engine performance. (See page 22.)
- Reduced-emission engine technology
- Decompression valve
- Fuel and oil caps with retainers
- ElastoStart™ starter handle
- High-output, adjustable automatic bar and chain oiler for long guide bars
- Side-access chain tensioner
- Long-term filter system using HD filter element
- Captured bar nuts in sprocket cover
- Rigid AV system, but with less vibration
- See page 18 for additional information on standard features

Optional Accessory

- Wrap-handle version (R) with extended chip deflector on sprocket cover (MS 661 R C-M)

**Fuel-efficient chain saw for the demanding professional
– suited for use with long guide bars.**

MS 880 MAGNUM®

Professional Chain Saw Series 1124



Displacement	121.6 cc (7.42 cu. in.)
Engine Power	6.4 kW (8.6 bhp)
Weight*	Flush-Cut (shown): 10.1 kg (22.3 lbs.) Wrap-Handle: 10.3 kg (22.7 lbs.)
Fuel Capacity	1300 cc (44.0 oz.)
Chain Oil Capacity	700 cc (23.7 oz.)
OILOMATIC® Chain	.404" RM, RS 3/8" RS3
Guide Bar Lengths (Recommended ranges)	43 to 150 cm (17" to 59") STIHL ROLLOMATIC®

*Dry weight and powerhead only.

Note: STIHL recommends #3946 (46 RS 80) OILOMATIC® saw chain and 25" 3002 000 9731 Ematic™ guide bar combination. The actual listed guide bar length can vary from the effective cutting length based on which powerhead it is installed on.

Features

- IntelliCarb™ compensating carburetor
- ElastoStart™ starter handle
- Decompression valve
- One-piece cast muffler design
- Side-access chain tensioner
- Heavy-duty air filter
- Extended chip deflector
- See page 18 for additional information on standard features

Optional Accessory

- Wrap-handle version (R) available (MS 880 R)

**STIHL's largest, most powerful, professional chain saw
for the most demanding cutting conditions.**

STIHL OIOMATIC® SAW CHAIN AND STIHL GUIDE BARS

- FEATURES AND BENEFITS

STIHL produces saw chain for all types of wood cutting and for most makes of chain saws. Every saw chain manufactured by STIHL incorporates the exclusive patented OIOMATIC® lubricating feature. Here are many of the features that make STIHL OIOMATIC® saw chain an exceptional product. Also see the STIHL Bar and Chain Catalog for additional details.

MANUFACTURING FEATURES AND BENEFITS

■ **STIHL manufactured guide bars.**

STIHL manufactures its own guide bars with high-tech manufacturing processes, including laser cutting. This gives STIHL precise control over the creation of this vital part of the chain saw. STIHL guide bars are manufactured to create a cutting system that combines the STIHL-produced powerhead with a matched saw chain and guide bar to make the chain saw cut as efficiently as possible.

Note: The GTA 26 guide bar is manufactured by Mogatec.

■ **STIHL has produced its own saw chains since the 1920s.**

Decades of experience offer refined products and advanced engineering.

■ **STIHL manufactures its own saw chain and guide bars.**

Saw chain and guide bars are developed, designed and produced for use on STIHL chain saws.

■ **STIHL chain is produced in Switzerland with high-tech machinery in an ultra-modern facility.**

Highly trained workers and consistent suppliers of raw materials result in a high-quality product.

■ **Full product range.**

A dealer can work exclusively with STIHL and fill most customers' needs, regardless of pitch, gauge, cutter shape, type or configuration. This eases ordering, stocking, service, parts and sales.

■ **A tradition of sales only through STIHL Servicing Dealers.**

A dealer doesn't have to wonder if competitors are buying the same chain under a different trade name.

■ **Chain saw powerheads, Ematic™ guide bars and OIOMATIC® saw chain are engineered in the same location by collaborating engineers.**

STIHL products are engineered and produced as a matched set for optimum performance and service life.

■ **Every foot of STIHL OIOMATIC® chain goes through a "master" quality control station.**

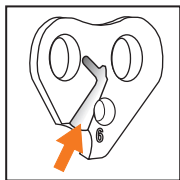
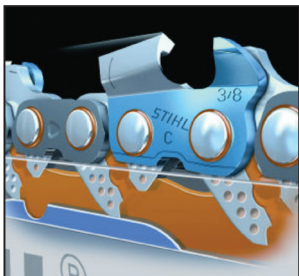
Assurance of consistent high quality throughout.

PRODUCT FEATURES AND BENEFITS

■ STIHL OILOMATIC® System

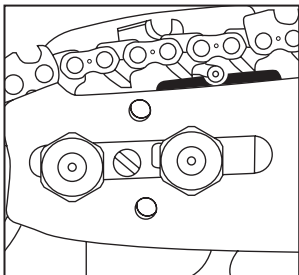
The patented OILOMATIC® system found on STIHL saw chain is an exclusive selling feature. This is a specially engineered groove designed to channel oil to the critical wear areas. This superior lubrication feature gives the customer extended chain life with lowered tendency for stretching.

Two further developments of the OILOMATIC® system are the oil reservoir next to the OILOMATIC® channel and dimples on the lower portion of the drive link. These reservoirs and dimples fill up with oil when the drive links pass the guide bar's inlet hole and are emptied by the centrifugal force acting at the bar nose. This provides more oil for distribution to the chain, groove and rails and protects against premature wear. Simply put, it brings the oil to where it is needed. Available on all STIHL saw chain.



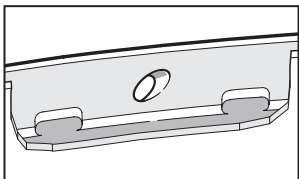
■ Exclusive STIHL Ematic™ System

The Ematic™ bar contains a built-in polymer ramp oil reservoir that holds oil until the passing chain can pick it up and channel it to the rivets and other wear areas. Uses up to 50% less bar oil over other systems when combined with STIHL DUROMATIC® saw chain and a chain saw with an adjustable oil pump.



■ Ematic™ S Feature

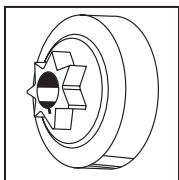
An angled oil-delivery hole for the STIHL ROLLOMATIC® E Super guide bars and OILOMATIC® guide bars is designed to improve oil flow to the saw chain.



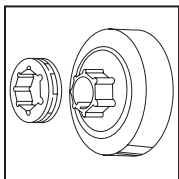
- Chromium alloy combination on cutters.**
 Allows for a very high resistance to abrasion and, in turn, excellent “stay-sharp” characteristics.
- Every foot of STIHL OILOMATIC® chain is pre-stretched.**
 New chain “stretching” is reduced to a minimum. Increases total chain service life.
- Induction-hardened rivets.**
 Resist wear and stretching. Smooth material flow during peening for fewer kinks, uniform stress, increased service life.
- Optimum cutter shape, sharpened before assembly.**
 Smooth cutting, high performance, low thermal load, optimum chip flow. Cutters sharpened after assembly can allow grinding dust to settle in joints, reducing service life.
- Precision-machined drive link rivet holes.**
 Prevent occurrence of microscopic hairline cracks around rivet area found in stamped parts and increase tensile strength. Oil is channeled more easily and evenly to entire rivet and drive link surface. Microscopic rough edges from stamping the parts are smoothed before the chain is used on a saw. This reduces the chances of premature and improper wear.
- STIHL exclusive OILOMATIC® drive links on most STIHL saw chain.**
 Oil is “channeled” to the friction faces and rivets of the chain to reduce wear.

STIHL Sprockets

To ensure the proper match to engine power and chain size, the chain drive sprocket must be engineered and manufactured under exact specifications. STIHL performs its own heat treating, forming, welding and other processes to provide consistent quality in original equipment and replacement sprockets.



Spur Sprockets
Standard on most models.



Rim Sprockets
Standard on many models. Optional for most models.

ANSI/OPEI B 175.1-2012*

CHAIN SAW KICKBACK STANDARD

Section 5.11 of ANSI/OPEI B 175.1-2012 sets certain performance and design criteria related to chain saw kickback.

To comply with section 5.11 of ANSI/OPEI B 175.1-2012:

- A. Saws with a displacement of less than 3.8 cu. in. (62.3 cc)
 - must, in their original condition, meet a 45° computer-derived kickback angle when equipped with certain cutting attachments,
 - and must be equipped with at least two devices to reduce the risk of kickback injury, such as a chain brake, low-kickback chain, reduced kickback bar, etc.
- B. Saws with a displacement of 3.8 cu. in. (62.3 cc) and above
 - must be equipped with at least one device designed to reduce the risk of kickback injury, such as a chain brake, low-kickback chain, reduced kickback bar, etc.

A bow guide increases the risk of kickback. The use of a bow guide is not authorized by STIHL.

The computer-derived angles for saws below 3.8 cu. in. (62.3 cc) displacement are measured by applying a computer program to test results from a kickback test machine.

WARNING: The computer-derived angles of §5.11 of ANSI/OPEI B 175.1-2012 may bear no relationship to actual kickback bar rotation angles that may occur in real-life cutting situations. Compliance with §5.11 of ANSI/OPEI B 175.1-2012 does not automatically mean that in a real-life kickback the bar and chain will rotate at most 45°.

STIHL recommends the use of reduced-kickback bars and low-kickback chains on all STIHL chain saws.

WARNING: In order for powerheads below 3.8 cu. in. (62.3 cc) displacement to comply with the computed kickback angle requirements of §5.11 of ANSI/OPEI B 175.1-2012, dealers should recommend only these cutting attachments:

- bar and chain combinations listed as complying in the STIHL Bar and Chain Catalog or
- other replacement bar and chain combinations marked in accordance with the standard for use on the powerhead or
- replacement chain designated “low-kickback saw chain.” (See note on next page.)

*Internal Combustion Engine-Powered Hand-Held Chain Saws – Safety and Environmental Requirements.

WARNING: There are potential powerhead and bar combinations with which low-kickback saw chains can be used but have not been specifically certified to comply with the 45° computer-derived kickback angle of §5.11 of ANSI/OPEI B 175.1-2012. Low-kickback chains are not tested with all powerhead and bar combinations.

STIHL offers a variety of bars and chains. STIHL reduced-kickback bars and low-kickback chains are designed to reduce the risk of kickback injury. Other chains are designed to obtain higher cutting efficiency or sharpening ease but may result in higher kickback tendency. These are only for users with extraordinary cutting needs and experience and specialized training for dealing with kickback.

STIHL has developed a color-coding system to help you identify the STIHL reduced-kickback bars and low-kickback chains. Cutting attachments with green warning decals or green labels on the packaging are designed to reduce the risk of kickback injury. The matching of green-decaled powerheads under 3.8 cu. in. (62.3 cc) displacement with green-labeled bars and green-labeled chains gives compliance with the computed kickback angle requirements of ANSI/OPEI B 175.1-2012 when the products are in their original condition. Products with yellow/green decals or labels are only for users with extraordinary cutting needs and experience and specialized training for dealing with kickback.

STIHL recommends the use of its green-labeled reduced-kickback bars, green-labeled low-kickback chains, and a STIHL Quickstop® chain brake for both experienced and inexperienced chain saw users.

Make sure to match STIHL powerheads with the appropriate bar/chain combinations to reduce the risk of kickback injury. Green-labeled bars and chains are recommended for all powerheads. See the “STIHL Bar and Chain Information” catalog for details.

WARNING: If you install a chain on your customer’s powerhead, it is important that you provide the “STIHL Bar and Chain Information” leaflet and the appropriate chain box and emphasize the importance of reading and following the contained information, instructions and warnings. Otherwise, your customer may not be sufficiently informed about the risk of kickback injury associated with saw chains.

Use of other, non-listed bar/chain combinations may increase kickback forces and increase the risk of kickback injury. New bar/chain combinations may be developed after publication of this literature, which will, in combination with certain powerheads, comply with §5.11 of ANSI/OPEI B 175.1-2012.

Note: “Low-kickback saw chain” is a chain that has met the kickback performance requirements of §5.11 of ANSI/OPEI B 175.1-2012 (Internal Combustion Engine-Powered Hand-Held Chain Saws - Safety and Environmental Requirements) when tested on a selected representative sample of chain saws below 3.8 cu. in. displacement specified in ANSI/OPEI B 175.1-2012.

STIHL'S COLOR-CODING SYSTEM FOR EASIER COMPLIANCE WITH ANSI/OPEI B 175.1-2012

STIHL has developed a color-coding system to help you:

- Comply with the ANSI/OPEI B 175.1-2012 chain saw kickback standard.
- Know the difference between powerheads with a displacement of less than 3.8 cu. in. (62.3 cc) and powerheads with a displacement of 3.8 cu. in. (62.3 cc) and above.
- Identify the STIHL bars and chains with different kickback reduction characteristics.



Recommended

This system uses the colors green and yellow and includes powerheads, replacement chains and guide bars.

Green marks the products ("green family") that are designed to reduce the risk of kickback injury and to comply with the ANSI/OPEI B 175.1-2012 kickback standard. These products are recommended for both experienced and inexperienced chain saw users.



Caution

Products marked yellow indicate increased risk of kickback injury and are for use only by persons with extraordinary cutting needs, and experience and specialized training for dealing with kickback.

Replacement chains:

Low-kickback chains are coded green. All other chains are coded yellow.

The chain loop boxes and the reel chain cores are color-coded by a label. The chain loop itself in its original condition incorporates a color-coded tie strap.

The only green color-coded STIHL chains are:

- 71 PM3 for 1/4" STIHL PICCO™
- 63 PS3 for 3/8" STIHL PICCO™
- 63 PD3 for 3/8" extended pitch (STIHL PICCO™ Duro)
- 63 PM3 and 61 PMM3 for 3/8" extended pitch (STIHL PICCO™)
- 33 RM3, 33 RS3, 36 RM3 and 36 RS3 for 3/8" pitch
- 23 RD3, 25 RD3, 26 RD3, 23 RM3, 25 RM3, 26 RM3 and 26 RS3 for .325" pitch

All other chains are color-coded yellow.

Guide bars:

Reduced-kickback bars are also coded green. All other bars are coded yellow.

Kickback-reducing feature of green-labeled, low-kickback chains

Single-humped drive link on 1/4" PM3, 3/8" PS3, 3/8" RS3, 3/8" PD3, 3/8" PMM3, 3/8" PM3, .325" RD3, .325" RM3 and 3/8" RM3.

A specially designed drive link incorporating a kickback-tendency-reducing hump into the structure of the drive link.



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

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

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






Note: STIHL makes chain to fit most brands of chain saws. See STIHL Bar and Chain Catalog for details.

	Pitch
Gauge	Part #

Number of Drive Links in Reels

Type	100 Ft. Reel
1/4"	2400 Drive Links
.325"	1840 Drive Links
3/8", 3/8" STIHL PICCO™	1640 Drive Links
.404"	1480 Drive Links

STIHL CHAIN/FILE SIZE RECOMMENDATIONS

Chain Type	File	File Profile
1/4" STIHL PICCO™ Micro™	1/8" (3.2 mm)	Round
1/4" Micro™	5/32" (4.0 mm)	Round
.325" Micro™, Super	3/16" (4.8 mm)	Round
3/8" STIHL PICCO™ Micro™ Mini	5/32" (4.0 mm)	Round
3/8" STIHL PICCO™ Micro™	5/32" (4.0 mm)	Round
3/8" Micro™, Super	13/64" (5.2 mm)	Round
3/8" Square Ground	 or 	Special
.404" Micro™, Super	7/32" (5.5 mm)	Round
.404" Square Ground	 or 	Special
Depth Gauge File		Flat

CHAIN IDENTIFICATION

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 **33 RS3**:

Pitch	Gauge	Type	Shape	Special
3	3	R	S	3
3/8"	.050"	STIHL RAPID™	Super	Single-Humped Drive Link

Pitch

(Marked on cutter)

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

Gauge

(Marked 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

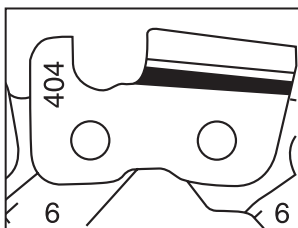
- D = Duro (Carbide Tip)
- DS = Duro Special (Carbide Tip)
- M = Micro™ (Semi Chisel)
- R = Rescue (RDR chain, especially designed for MS 461 R and MS 462 R C-M "Rescue" chain saws)
- S = Super (Full Chisel)

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 Chisel
- M = Mini
- MM = Mini Micro
- N = Narrow (PMN)
- S = Special

HOW TO IDENTIFY YOUR STIHL SAW CHAIN

All STIHL saw chains are stamped with identification numbers. For example, this illustration shows .404" pitch chain with a gauge of .063".



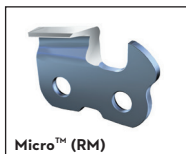
STIHL OILOMATIC® SAW CHAIN

The STIHL line of saw chain is available in a variety of pitches and gauges, and includes two basic cutter types, each with a different cutter profile. Each cutter profile is designed for maximum cutting performance for specific cutting applications and/or powerhead size. Use the charts on the following pages to identify the correct part number of the chain.

This diagram illustrates the different STIHL saw chain cutter profiles available:

STIHL RAPID™

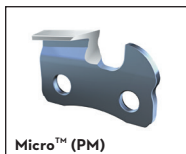
STIHL PICCO™



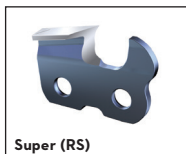
Micro™ (RM)



Duro (RD)



Micro™ (PM)



Super (RS)



Duro Rescue (RDR)



Micro™ Mini (PMM)



Super "Klassik" (RSK)



Super Square Ground (RSL)



Duro 3 (PD3)



Super "Klassik" Super Ground "Klassik" (RSLK)



Super 3 (PS3)

The basic structure is combined to offer a variety of saw chain types built with variations in pitch (1/4", .325", 3/8", 3/8" STIHL PICCO™, .404"), gauge, sequence and addition of various types of kickback-reducing features.

OILOMATIC® STIHL PICCO™ MICRO™ MINI 3 (PMM3)



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

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

● Low-kickback chain

OILOMATIC® STIHL PICCO™ MICRO™ 3 (PM3)



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

	.325"	3/8"	.404"	3/8" PICCO	1/4" PICCO
0.043"					3670
0.050"					3636

● Low-kickback chain

OILOMATIC® STIHL PICCO™ MICRO™ (PM)

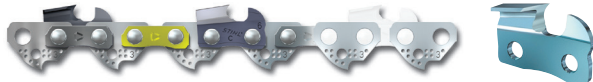


STIHL PICCO™ Micro™ is a low-vibration version of STIHL PICCO™ Micro™ 3. The chain retains all the performance of STIHL PM3, with the added benefit of lower vibration levels, for less operator fatigue.

	1/4"	.325"	3/8"	.404"	3/8" PICCO
0.050"					3613

◆ **WARNING!**
See information on page 69.

OILOMATIC® STIHL PICCO™ SUPER (PS)



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

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

◆ **WARNING!**
See information on page 69.

OILOMATIC® STIHL PICCO™ SUPER 3 (PS3)



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

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

Low-kickback chain

OILOMATIC® STIHL RAPID™ MICRO™ (RM)



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

	1/4"	.325"	3/8"	.404"	3/8" PICCO
0.050"	3660	3693	3650		
0.058"		3685	3651		
0.063"		3686	3652	3668	

WARNING!
See information on page 69.

OILOMATIC® STIHL RAPID™ MICRO™ 3 (RM3)



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

	1/4"	.325"	3/8"	.404"	3/8" PICCO
0.050"		3695	3662		
0.058"		3688			
0.063"		3689	3664		

Low-kickback chain

STIHL recommends low-kickback chain for all users.

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

	Pitch	
Gauge	Part #	

OILOMATIC® STIHL RAPID™ MICRO™ FULL SKIP (RMF)



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

	1/4"	.325"	3/8"	.404"	3/8" PICCO
0.050"			3654		
0.063"				3671	

WARNING!
See information on page 69.

OILOMATIC® STIHL RAPID™ SUPER (RS)



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

	1/4"	.325"	3/8"	.404"	3/8" PICCO
0.050"		3690	3623		
0.058"		3638	3622		
0.063"		3639	3621		

WARNING!
See information on page 69.

OILOMATIC® STIHL RAPID™ SUPER 3 (RS3)



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

	1/4"	.325"	3/8"	.404"	3/8" PICCO
0.050"		3694	3624		
0.063"			3626		

Low-kickback chain

OILOMATIC® STIHL RAPID™ SUPER FULL SKIP (RSF)



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

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

WARNING!
See information
on page 69.

OILOMATIC® STIHL RAPID™ SUPER L FULL SKIP (RSLF)



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

	1/4"	.325"	3/8"	.404"	3/8" PICCO
0.050"			3672		
0.063"			3673	3851	

WARNING!
See information
on page 69.

OILOMATIC® STIHL RAPID™ SUPER KLASSIC (RSK)



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

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

WARNING!
See information
on page 69.

STIHL recommends low-kickback chain for all users.

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

	Pitch
Gauge	Part #

OILOMATIC® STIHL RAPID™ SUPER L KLASSIC (RSLK)



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

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

WARNING!
See information
on page 69.

Discontinued. Available while supplies last.

OILOMATIC® STIHL RAPID™ SUPER L (RSL)



The Super L is a variation of the STIHL RAPID™ Super full chisel chain for special professional applications. It differs from the “normal” STIHL RAPID™ Super in the way the cutter is ground. The cutter on this chain is square ground and has an “L” shape, hence the name Super “L.” Use special square ground files to sharpen this chain.

	1/4"	.325"	3/8"	.404"	3/8" PICCO
0.050"			3679		
0.063"			3680		

WARNING!
See information
on page 69.

OILOMATIC® STIHL RAPID™ SUPER L HALF SKIP (RSLH)



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

	1/4"	.325"	3/8"	.404"	3/8" PICCO
0.050"			3674		
0.063"			3675		

WARNING!
See information
on page 69.

OILOMATIC® STIHL RAPID™ SUPER L HALF SKIP KLASSIC (RSLHK)



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

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

WARNING!
See information
on page 69.

Discontinued. Available while supplies last.

OILOMATIC® STIHL RAPID™ SUPER L FULL SKIP (RSLFK)



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

	1/4"	.325"	3/8"	.404"	3/8" PICCO
0.050"			3672		
0.063"			3673		

WARNING!
See information
on page 69.

OILOMATIC® STIHL RAPID™ DURO 3 (RD3)



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

	1/4"	.325"	3/8"	.404"	3/8" PICCO
0.050"		3696	3681		3612
0.063"		3667	3683		


**Low-kickback
chain**

SPECIALTY SAW CHAIN

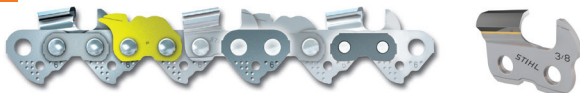
OILOMATIC® STIHL PICCO™ DURO 3 (PD3)




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

	1/4"	.325"	3/8"	.404"	3/8" PICCO	
0.050"					3612	 Low-kickback chain

OILOMATIC® STIHL RAPID™ DURO RESCUE (RDR)




STIHL RAPID™ Duro Rescue (RDR) is a STIHL-designed chain using the STIHL OILOMATIC® principle. RDR surpasses the durability of former RDS in Rescue applications and has a higher efficiency when cutting wood. This chain is purpose-built for the demanding needs of fire and rescue specialists and is for use by specially trained emergency services personnel only. RDR is the recommended chain for use on the MS 460 R, MS 461 R and MS 462 R C-M Rescue saws.

	1/4"	.325"	3/8"	.404"	3/8" PICCO	
0.063"					3944	 WARNING! See information on page 69.

OILOMATIC® STIHL RAPID™ MICRO™ SPECIAL (RMS) CARVING CHAIN



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

	1/4"	.325"	3/8"	.404"	3/8" PICCO	
0.050"					3661	 WARNING! See information on page 69.

STIHL HARVESTER SAW CHAIN

STIHL RAPID™ Micro™ harvester saw chain is made to withstand the tough requirements of professional mechanized timber harvesting. To learn more about STIHL Harvester chain, visit: www.stihlharvesterchain.com.

OILOMATIC® STIHL RAPID™ MICRO™ HARVESTER (RMH)



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

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

WARNING!
See information on page 69.

OILOMATIC® STIHL RAPID™ MICRO™ HARVESTER SPECIAL (RMHS)



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

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

WARNING!
See information on page 69.

STIHL recommends low-kickback chain for all users.

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

	Pitch
Gauge	Part #

STIHL GUIDE BARS

STIHL Ematic™ guide bars are engineered and manufactured to STIHL's strict quality control standards and are produced in STIHL's own factories. STIHL offers a full line of guide bars for all types of use - from 10" for special wood-carving applications with small saws through 59" for extreme felling operations. These bars are offered in different designs as explained below.

STIHL ROLLOMATIC® E STANDARD



Three-part (spot welded) laminated guide bar made of high-grade steel with star-shaped sprocket.

Applications: All-around bar suitable for occasional, mid-range or professional users.

STIHL ROLLOMATIC® E LIGHT AND E MINI LIGHT



The STIHL ROLLOMATIC® E Light and Mini Light are general-grade laminated guide bars made of high-grade steel. Two metal plates are electrically welded together to provide stability. To reduce weight, they are completely hollowed out after being welded and are filled with fiber-reinforced polyamide. 30% lighter than comparable STIHL ROLLOMATIC® E bars.

- E Light available in 12" (3005 000 7405), 14" (3005 000 7409) and 16" (3005 000 7413).
- E Mini Light available in 10" (3005 008 7603), 12" (3005 000 7605) and 14" (3005 000 7609).

STIHL ROLLOMATIC® E MINI



Unique design provides more maneuverability for pruning branches with reduced kickback tendency. Small radius bar nose with reduced diameter sprocket to provide manageability while pruning. Developed for use with small displacement saws and pole pruners. Available 10", 12", 14" and 16" 3005 mount. Use with STIHL PICCO™ Micro™ Mini saw chain (PMM3) to increase cutting efficiency over PM3 chain by 13%. Accepts drive links of .043 gauge (1.1 mm).

STIHL ROLLOMATIC® E SUPER



Solid machined bar made of high-grade steel with a replaceable sprocket nose assembly. (See page 82.)

Applications: For high-performance professional woodcutting with high-powered, heavy-duty saws. Available from 16" to 59".

STIHL ROLLOMATIC® ES LIGHT



A guide bar that has 30% less weight in comparison with STIHL ROLLOMATIC® ES Super guide bars. Although lighter, these guide bars are made of the same tough wear-resistant steel. The guide bars feature a 3/8" 11 tooth sprocket nose with 3003 mounting. They are available in 20" (50 cm), 25" (63 cm), 28" (71 cm), 32" (80 cm) and 36" (90 cm) lengths with groove widths of 0.050" and 0.063".

Applications: For high-performance woodcutting with larger displacement professional STIHL chain saws.

STIHL DUROMATIC® E



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

Applications: For high-performance professional woodcutting with heavy-duty saws. Excellent bar for abrasive cutting conditions and frequent plunge cutting applications.

Note: The actual listed guide bar length can vary from the effective cutting length based on which powerhead it is installed on.

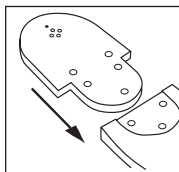
STIHL DUROMATIC® C CARVING



The STIHL DUROMATIC® C carving guide bar is a rugged bar made from a solid billet of the highest quality steel and is cut by laser for consistent quality, durability and high wear resistance. Available in 10" and 12" sizes with solid nose, this carving guide bar can only be used with 1/4" saw chain. Instead of a replaceable sprocket tip, its nose is reinforced with a very hard steel alloy and is laser-welded in place. Available in 10" and 12" solid nose. 1/4" spur sprockets available for MS 192 C-E, MS 201 C-E, MS 210, MS 230, MS 250 and HT 56 C-E models.

REPLACEABLE SPROCKET NOSES

Sprocket noses are replaceable on STIHL ROLLOMATIC® ES Super guide bars. Unlike some guide bars, the sprocket nose is anchored by three rivets instead of one. Tests at STIHL in Germany show that a bar tip anchored by three rivets could last from two to three times longer than a bar tip anchored by only one rivet – another reason to choose STIHL guide bars.



STIHL Narrow Nose/Wide Nose Guide Bars

Many STIHL guide bars are available in the same lengths, pitches and gauges.

Advantages of the narrow nose version:

- Reduced kickback tendency
- Less weight (slim profile)

Advantages of the wide nose version:

- Larger sprocket nose bearing
- Longer lifetime for frequent plunge-cutting applications

Part Numbers for Replaceable Sprocket Noses

		3/8"	.404"
3002	12 Tooth		3003 650 2538
	13 Tooth		3003 650 2539
3003	10 Tooth		3003 650 2555
	11 Tooth	3003 650 2551	
	12 Tooth		3003 650 2538
	13 Tooth	3003 650 2539	

STIHL LANDSCAPING POWER TOOLS

Many battery- and electric-powered landscaping tools are also available. (See pages 233-303.)

ENGINE FEATURES OF GASOLINE-POWERED TOOLS

STIHL Engine Features

- Sleek, streamlined, ergonomic design
- Long-life cylinder
- Translucent, upright fuel tank
- Primer bulb
- Easy-access air filter
- Heavy-duty steel-on-steel clutch
- Protected/easy-access spark plug
- Protected choke lever and throttle trigger
- Full crankshaft
- Enclosed throttle cables
- Fuel cap with retainer

STIHL Low-Emission Engine Features

- Powerful, fuel-efficient, low-emission engine
- Reduced vibration
- Simplified starting procedure
- Stop switch - automatically returns to start position
- Low maintenance
- Translucent, upright fuel tank
- Easy-access air filter
- Heavy-duty steel-on-steel clutch
- Protected/easy-access spark plug
- Protected choke lever and throttle trigger
- Enclosed throttle cables
- Fuel cap with retainer

STIHL Professional Series Engine Features

- 4 transfer ports for increased power and fuel efficiency
- Powerful, fuel-efficient, low-emission engines available
- 2-ringed piston/long-life cylinder
- Translucent, upright fuel tank
- Primer bulb and throttle lock
- Easy-access, dual-stage air filter
- Heavy-duty steel-on-steel clutch
- Protected/easy-access spark plug
- Easy-access starter assembly
- Protected choke lever and throttle trigger
- Enclosed throttle and control cables
- Fuel cap with retainer

STANDARD FEATURES OF GASOLINE-POWERED TOOLS

Trimmer and Brushcutter Features

- Balanced design available with bike or loop handle
- Upright fuel tank with retainer cap
- Start/run/stop controls on handle
- Fully lined shaft
- Easy-access air filter
- Easy-view deflector
- Many models can use various cutting heads/blades

Edger Features

- Skid plate to protect gearbox
- Excellent balance with adjustable loop handle
- Easy to adjust depth wheel
- Mud flap style debris deflector
- Start/run/stop controls on handle
- Easy-access blade for replacement
- 8" hardened steel blade

Hedge Trimmer Features

- Easy-access air filter
- Front hand guard
- Anti-vibration system
- Start/run/stop controls on handle
- Throttle starting lock
- Upright fuel tank with retainer cap
- Heavy-duty gearbox
- Large front handle for multi-position cutting
- Built-in hanger in rear handle for easy storage
- Hardened and precision-ground cutting blades manufactured to STIHL standards in our Switzerland plant

Extended-Reach Hedge Trimmer Features

- Double-sided reciprocating blades with integrated cutter guard
- Balanced design
- Two style cutting heads: 0° fixed or 145° adjustable

Pole Pruner Features

- STIHL OILOMATIC® saw chain
- Ematic™ guide bar
- Large oil tank
- Toolless oil cap with retainer
- Side-access chain tensioner
- Gear-driven oil pump
- Cast foot designed to keep bar and chain off ground when starting
- Sprocket cover cut out for faster chip removal
- Heavy-duty gearbox with slip clutch

Handheld Blowers and Shredder/Vacs

- Powerful and fuel-efficient, low-emission engine (See page 83.)
- Upright translucent fuel tank with fuel cap retainer
- Purge pump primer and throttle lock
- Easy-access air filter
- Helper handle integrated into the blower base (Except for the BG 50)
- Blowers convert to vacuum with optional kit
- Some blowers convert to gutter cleaning system with optional kit
- Shredder/vacs come with blower tubes and mulching blades on fan wheel for dual purpose

Backpack Blowers/Sprayers

- Heavy-duty air filter with vertical pleats
- IntelliCarb™ compensating carburetor
- Translucent fuel tank
- Easy-grip throttle control with on/off switch, variable-speed throttle and trigger lock for constant air flow
- Quick-adjust straps - easily replaceable
- Back pad
- Sturdy lightweight polymer frame
- Built-in top carry handle
- ElastoStart™ starter handle
- Swivel air tube elbow for directional control of air

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.

STIHL LANDSCAPING POWER TOOLS

- COMMON TERMS

Barrier Bar: A device mounted on loop handle unit to help reduce the risk of injury from blade contact in certain situations.

Carrying Ring: The device to connect the trimmer or brushcutter with the shoulder harness.

Deflector: The deflector is designed to reduce the risk of injury from foreign objects flung backwards toward the operator by the cutting tool and from contact with the cutting tool.

Easy2Start™ System (E): This starting system reduces the strength and effort needed to start the engine. (See page 24.)



ElastoStart™ Starter Handle: Exclusive starting grip with built-in shock absorber. A great comfort feature.

Filter Cover: Covers the air filter element.

Handlebars (Bike Handles): Allows user to hold the brushcutter with both hands. For mowing operations or for cutting heavy brush, use with a shoulder harness provides comfort, control and efficiency. Bike handles should be used with all circular saw blades.

Harness: Balances the weight of the brushcutter on the shoulder in order to maintain better control of the brushcutter.

IntelliCarb™ Compensating Carburetor: Designed to automatically compensate for reduced air flow when air filter becomes clogged, and maintain engine's correct RPM.

Loop Handle (R): A rounded handle mounted on the shaft for support and control.

STIHL M-Tronic™ (M): Innovative, microprocessor-controlled engine management system adjusts the engine to compensate for changes in operating conditions, such as temperature, elevation, fuel quality and dirty air filter to optimize engine performance. Microprocessor measures RPMs and adjusts fuel accordingly (richer or leaner). Electronic ignition timing and fuel metering provides quick acceleration. Simplified starting procedure reduces the chance of flooding.

Support: For resting machine on the ground.

Throttle Trigger Interlock: Must be depressed before the throttle trigger can be activated (gasoline-powered engines).

Trigger Switch Interlock: Must be depressed before the main switch can be activated (electric products).

FS 38

Homeowner Trimmer Series 4140



Displacement	27.2 cc (1.66 cu. in.)
Engine Power	0.65 kW (0.87 bhp)
Weight*	4.2 kg (9.3 lbs.)
Fuel Capacity	330 cc (11.2 oz.)

*Dry weight without cutting attachment or deflector.

Features

- TapAction™, 2-line AutoCut® head
- Compact and lightweight with ergonomic loop handle
- Can use nylon line or STIHL PolyCut™ 7-3 head
- See page 84 for information on additional standard features

Optional Accessories

- DuroCut 5-2 head (4006 710 2125), STIHL PolyCut 7-3 head (4006 710 2127)
- Support strap (4130 007 1020)

For additional cutting attachments and handle/deflector requirements, see pages 112-119.

Lightweight, reliable trimmer for cost-conscious homeowners.

FS 40 C-E

Homeowner Trimmer
Series 4144

STIHL
Easy2Start™



BUILT IN
USA



Displacement	27.2 cc (1.66 cu. in.)
Engine Power	0.7 kW (0.94 bhp)
Weight*	4.5 kg (9.9 lbs.)
Fuel Capacity	340 cc (11.5 oz.)

*Dry weight without cutting attachment or deflector.

Features

- Powered by a fuel-efficient, low-emission engine (See page 83.)
- Easy2Start™ system (E) (See page 24.)
- Simplified starting procedure with semi-automatic choke lever and stop switch that automatically returns to the start position
- TapAction™, 2-line AutoCut® head
- Simple, reliable and convenient starting procedure
- Smooth running for comfortable operation
- Compact, lightweight deflector
- See page 84 for information on additional standard features

Optional Accessories

- DuroCut 5-2 head (4006 710 2125), STIHL PolyCut 7-3 head (4006 710 2127)
- Support strap (4130 710 9000)

For additional cutting attachments and handle/deflector requirements, see pages 112-119.

Lightweight, reliable low-emission consumer trimmer comes standard with Easy2Start™ system.

Built in the USA from domestic and foreign parts and components.

FS 50 C-E

Homeowner Trimmer
Series 4144

STIHL[®]
Easy 2 Start[™]

BUILT IN
USA



Displacement	27.2 cc (1.66 cu. in.)
Engine Power	0.8 kW (1.07 bhp)
Weight*	4.6 kg (10.1 lbs.)
Fuel Capacity	340 cc (11.5 oz.)

*Dry weight without cutting attachment or deflector.

Features

- Powered by a fuel-efficient, low-emission engine (See page 83.)
 - Easy2Start[™] system (E) (See page 24.)
 - Simplified starting procedure with semi-automatic choke lever and stop switch that automatically returns to the start position
 - Compact, lightweight design
 - AutoCut[®] C 6-2 EasySpool[™] 2-line head is standard
 - See page 84 for information on additional standard features
- For additional cutting attachments and handle/deflector requirements, see pages 112-119.

More power than the FS 40 C-E and an 8" longer shaft for taller users.

Built in the USA from domestic and foreign parts and components.

FS 56 C-E

Homeowner
Bike Handle Trimmer
Series 4144

STIHL
Easy 2 Start™



BUILT IN
USA



Displacement	27.2 cc (1.66 cu. in.)
Engine Power	0.8 kW (1.07 bhp)
Weight*	5.2 kg (11.5 lbs.)
Fuel Capacity	340 cc (11.5 oz.)

*Dry weight without cutting attachment or deflector.

Features

- Powered by a fuel-efficient, low-emission engine (See page 83.)
- Easy2Start™ system (E) (See page 24.)
- Simplified starting procedure with semi-automatic choke lever and stop switch that automatically returns to the start position
- TapAction™, 2-line AutoCut® head
- Comfortable working angle and smooth running
- Ergonomically designed bike handle with support strap

- Simple, reliable and convenient starting procedure
- See page 84 for information on additional standard features

Optional Accessories

- DuroCut, FixCut™, STIHL SuperCut™ and TrimCut™ heads
- Metal grass-cutting blades with proper deflector and handle configurations

For additional cutting attachments and handle/deflector requirements, see pages 112-119.

Same great features as the FS 56 RC-E trimmer, plus an ergonomically designed bike handle for operator comfort.

Built in the USA from domestic and foreign parts and components.

FS 56 RC-E

Homeowner Trimmer
Series 4144

STIHL[®]
Easy2Start[™]



**BUILT IN
USA**



Displacement	27.2 cc (1.66 cu. in.)
Engine Power	0.8 kW (1.07 bhp)
Weight*	4.8 kg (10.6 lbs.)
Fuel Capacity	340 cc (11.5 oz.)

*Dry weight without cutting attachment or deflector.

Features

- Powered by a fuel-efficient, low-emission engine (See page 83.)
- Easy2Start[™] system (E) (See page 24.)
- Simplified starting procedure with semi-automatic choke lever and stop switch that automatically returns to the start position
- TapAction[™], 2-line AutoCut[®] head
- Simple, reliable and convenient starting procedure
- Low vibration and comfortable working angle

- Support strap
- See page 84 for information on additional standard features

Optional Accessories

- DuroCut, FixCut[™], STIHL SuperCut[™] and TrimCut[™] heads
- Metal grass-cutting blades with proper deflector and handle configurations

For additional cutting attachments and handle/deflector requirements, see pages 112-119.

Versatile, straight-shaft trimmer for consumer or light-duty professional use that comes standard with Easy2Start[™].

Built in the USA from domestic and foreign parts and components.

FS 70 R

Professional Trimmer
Series 4144



Displacement	27.2 cc (1.66 cu. in.)
Engine Power	0.9 kW (1.2 bhp)
Weight*	4.8 kg (10.6 lbs.)
Fuel Capacity	340 cc (11.5 oz.)

*Dry weight without cutting attachment or deflector.

Features

- Powered by a low-emission engine (See page 83.)
- Simplified starting procedure with semi-automatic choke lever and stop switch that automatically returns to the start position
- TapAction™, 2-line AutoCut® head
- Durable cable shaft
- High durability forged connecting rod and 4-bearing gearbox
- See page 84 for information on additional standard features

Optional Accessories

- DuroCut, FixCut™, STIHL SuperCut™ and TrimCut™ heads

For additional cutting attachments and handle/deflector requirements, see pages 112-119.

Straight shaft trimmer for home, farm or professional use.

Built in the USA from domestic and foreign parts and components.

FS 91

Professional
Bike Handle Trimmer
Series 4180



Displacement	28.4 cc (1.73 cu. in.)
Engine Power	0.95 kW (1.27 bhp)
Weight*	5.8 kg (12.8 lbs.)
Fuel Capacity	710 cc (24.0 oz.)

*Dry weight without cutting attachment or deflector.

Features

- Powered by a low-emission engine (See page 83.)
- Solid drive shaft will accommodate metal blades with approved deflectors and handle configurations
- Larger fuel tank for longer run times than previous models
- TapAction™, AutoCut® 25-2 head is standard
- See page 84 for information on additional standard features

Optional Accessories

- DuroCut, FixCut™, STIHL SuperCut™ and TrimCut™ heads
- Interchangeable gearbox attachments (See pages 108-111.)

For additional cutting attachments and handle/deflector requirements, see pages 112-119.

Solid drive shaft offers the end user more flexibility in trimming applications.

Built in the USA from domestic and foreign parts and components.

FS 91 R

Professional Trimmer
Series 4180



Displacement	28.4 cc (1.73 cu. in.)
Engine Power	0.95 kW (1.27 bhp)
Weight*	5.5 kg (12.1 lbs.)
Fuel Capacity	710 cc (24.0 oz.)

*Dry weight without cutting attachment or deflector.

Features

- Powered by a low-emission engine (See page 83.)
- Solid drive shaft will accommodate metal blades with approved deflectors and handle configurations
- Larger fuel tank for longer run times than previous models
- TapAction™, AutoCut® 25-2 head is standard
- See page 84 for information on additional standard features

Optional Accessories

- DuroCut, FixCut™, STIHL SuperCut™ and TrimCut™ heads
- Interchangeable gearbox attachments (See pages 108-111.)

For additional cutting attachments and handle/deflector requirements, see pages 112-119.

Same great trimmer as the FS 91 but with a loop handle.

Built in the USA from domestic and foreign parts and components.

FS 94 R

Professional Trimmer
Series 4149



Displacement	24.1 cc (1.47 cu. in.)
Engine Power	0.9 kW (1.2 bhp)
Weight*	4.6 kg (10.1 lbs.)
Fuel Capacity	540 cc (18.3 oz.)

*Dry weight without cutting attachment or deflector.

Features

- Powered by a low-emission engine (See page 83.)
- Innovative control handle with ECOSPEED for variable speed control
- Simplified starting procedure with semi-automatic choke lever and stop switch that automatically returns to the start position
- Responsive, rotary valve carburetor
- High-durability drive shaft with 4-bearing gearbox

- TapAction™, AutoCut® 25-2 head is standard
- See page 84 for information on additional standard features

Optional Accessories

- DuroCut, FixCut™, STIHL SuperCut™ and TrimCut™ heads

For additional cutting attachments and handle/deflector requirements, see pages 112-119.

STIHL's lightest weight, professional, gasoline-powered, straight shaft trimmer.

Built in the USA from domestic and foreign parts and components.

FS 111

Professional Bike Handle Trimmer Series 4180



Displacement	31.4 cc (1.9 cu. in.)
Engine Power	1.05 kW (1.4 bhp)
Weight*	5.8 kg (12.8 lbs.)
Fuel Capacity	710 cc (24.0 oz.)

*Dry weight without cutting attachment or deflector.

Features

- Powered by a low-emission engine (See page 83.)
- Quick, smooth acceleration
- Lightweight, balanced, low-profile design makes it comfortable to use
- TapAction™, 2-line AutoCut® head
- Low vibration for comfortable operation
- Larger fuel tank for longer run times
- See page 84 for information on additional standard features

Optional Accessories

- DuroCut, FixCut™, STIHL SuperCut™ and TrimCut™ heads
- Interchangeable gearbox attachments (See pages 108-111.)

For additional cutting attachments and handle/deflector requirements, see pages 112-119.

Fuel-efficient, powerful trimmer that handles tough jobs.

Built in the USA from domestic and foreign parts and components.

FS 111 R

Professional Trimmer
Series 4180



Displacement	31.4 cc (1.9 cu. in.)
Engine Power	1.05 kW (1.4 bhp)
Weight*	5.5 kg (12.1 lbs.)
Fuel Capacity	710 cc (24.0 oz.)

*Dry weight without cutting attachment or deflector.

Features

- Powered by a low-emission engine (See page 83.)
- Quick, smooth acceleration
- Lightweight, balanced, low-profile design makes it comfortable to use
- TapAction™, 2-line AutoCut® head
- Low vibration for comfortable operation
- Larger fuel tank for longer run times
- See page 84 for information on additional standard features

Optional Accessories

- DuroCut, FixCut™, STIHL SuperCut™ and TrimCut™ heads
- Interchangeable gearbox attachments (See pages 108-111.)

For additional cutting attachments and handle/deflector requirements, see pages 112-119.

Same as the FS 111 but with a loop handle.

Built in the USA from domestic and foreign parts and components.



FS 111 RX

Professional Trimmer
Series 4180

Displacement	31.4 cc (1.9 cu. in.)
Engine Power	1.05 kW (1.4 bhp)
Weight*	5.0 kg (11.0 lbs.)
Fuel Capacity	710 cc (24.0 oz.)

*Dry weight without cutting attachment or deflector.

Features

- Powered by a low-emission engine (See page 83.)
- Quick, smooth acceleration
- TapAction™, 2-line AutoCut® head
- Low vibration for comfortable operation
- Gearbox and deflector design reduce the weight and improve comfort and maneuverability
- Larger fuel tank for longer run times
- See page 84 for information on additional standard features

Optional Accessories

- DuroCut, FixCut™, STIHL SuperCut™ and TrimCut™ heads

For additional cutting attachments and handle/deflector requirements, see pages 112-119.

Note: Gearbox attachments are not approved for the FS 111 RX.

Designed for professional dedicated line head use.

One of the best power-to-weight ratios in its class.

Built in the USA from domestic and foreign parts and components.

FS 131

Professional
Bike Handle Trimmer
Series 4180



Displacement	36.3 cc (2.2 cu. in.)
Engine Power	1.4 kW (1.9 bhp)
Weight*	5.8 kg (12.8 lbs.)
Fuel Capacity	710 cc (24.0 oz.)

*Dry weight without cutting attachment or deflector.

Features

- Powered by a low-emission engine (See page 83.)
- TapAction™, 2-line AutoCut® head
- Quick, smooth acceleration
- Low vibration for comfortable operation
- Larger fuel tank for longer run times as compared to previous model
- See page 84 for information on additional standard features

Optional Accessories

- DuroCut, FixCut™, STIHL SuperCut™ and TrimCut™ heads
- Interchangeable gearbox attachments (See pages 108-111.)

For additional cutting attachments and handle/deflector requirements, see pages 112-119.

Heavy-duty professional trimmer with low-exhaust emission engine and very good power-to-weight ratio.

Built in the USA from domestic and foreign parts and components.

FS 131 R

Professional Trimmer
Series 4180



Displacement	36.3 cc (2.2 cu. in.)
Engine Power	1.4 kW (1.9 bhp)
Weight*	5.5 kg (12.1 lbs.)
Fuel Capacity	710 cc (24.0 oz.)

*Dry weight without cutting attachment or deflector.

Features

- Powered by a low-emission engine (See page 83.)
- TapAction™, 2-line AutoCut® head
- Quick, smooth acceleration
- Rubberized loop handle
- Low vibration for comfortable operation
- Larger fuel tank for longer run times as compared to previous model
- See page 84 for information on additional standard features

Optional Accessories

- DuroCut, FixCut™, STIHL SuperCut™ and TrimCut™ heads
- Interchangeable gearbox attachments (See pages 108-111.)

For additional cutting attachments and handle/deflector requirements, see pages 112-119.

Same heavy-duty professional trimmer as the FS 131, but features a rubberized loop handle for comfortable grip.

Built in the USA from domestic and foreign parts and components.

FS 240

Professional
Bike Handle Trimmer
Series 4147



Displacement	37.7 cc (2.3 cu. in.)
Engine Power	1.7 kW (2.3 bhp)
Weight*	6.9 kg (15.2 lbs.)
Fuel Capacity	750 cc (25.4 oz.)

*Dry weight without cutting attachment or deflector.

Features

- Powered by a low-emission engine (See page 83.)
- Easy-adjust, soft-grip bike handle swivels for easy transport and storage
- Simplified starting procedure with semi-automatic choke lever for easy, smooth starts
- Stop switch automatically returns to start position
- IntelliCarb™ compensating carburetor automatically compensates for reduced air flow to maintain desired RPM
- Vertical-pleated air filter provides extended filter life
- Large translucent fuel tank allows for longer run times
- TapAction™, AutoCut® 25-2 head is standard
- See page 84 for information on additional standard features

For additional cutting attachments and handle/deflector requirements, see pages 112-119.

Great for cutting wild growth, right-of-way or other heavy-duty, professional landscaper applications.

Built in the USA from domestic and foreign parts and components.

FS 240 R

Professional Trimmer
Series 4147



Displacement	37.7 cc (2.3 cu. in.)
Engine Power	1.7 kW (2.3 bhp)
Weight*	6.6 kg (14.6 lbs.)
Fuel Capacity	750 cc (25.4 oz.)

*Dry weight without cutting attachment or deflector.

Features

- Powered by a low-emission engine (See page 83.)
- Simplified starting procedure with semi-automatic choke lever for easy, smooth starts
- Stop switch automatically returns to start position
- IntelliCarb™ compensating carburetor automatically compensates for reduced air flow to maintain desired RPM
- Vertical-pleated air filter provides extended filter life
- Large translucent fuel tank allows for longer run times
- Standard TapAction™, AutoCut® 25-2 head with high-visibility deflector
- See page 84 for information on additional standard features

For additional cutting attachments and handle/deflector requirements, see pages 112-119.

**Great for the professional landscaper, farmer
or demanding homeowner.**

Built in the USA from domestic and foreign parts and components.

FS 311

Professional
Bike Handle Trimmer
Series 4180



Displacement	36.3 cc (2.2 cu. in.)
Engine Power	1.4 kW (1.9 bhp)
Weight*	7.2 kg (15.9 lbs.)
Fuel Capacity	710 cc (24.0 oz.)

*Dry weight without cutting attachment or deflector.

Features

- Powered by a low-emission engine (See page 83.)
- Long-lasting, vertical-pleated air filter
- Simplified starting procedure with semi-automatic choke lever for easy, smooth starts
- One-touch stop switch turns off engine, then returns to start position
- 4-point anti-vibration system reduces fatigue and increases comfort
- Comfortable, rubberized bike handle grips with multi-function control handle
- Comes standard with harness to help reduce fatigue
- IntelliCarb™ compensating carburetor automatically compensates for reduced air flow to maintain desired RPM
- See page 84 for information on additional standard features

Optional Accessories

- DuroCut, STIHL SuperCut™ and TrimCut™ heads

For additional cutting attachments and handle/deflector requirements, see pages 112-119.

Packed with features for heavy-duty trimming and extended run times.

Built in the USA from domestic and foreign parts and components.

FS 360 C-EM

Professional
Brushcutter/Clearing Saw
Series 4147



Displacement	37.7 cc (2.3 cu. in.)
Engine Power	1.7 kW (2.3 bhp)
Weight*	8.5 kg (18.7 lbs.)
Fuel Capacity	750 cc (25.4 oz.)

*Dry weight without cutting attachment or deflector.

Features

- Powered by a low-emission engine (See page 83.)
- Features STIHL M-Tronic™ (M) – Innovative, microprocessor-controlled engine management system adjusts the engine to compensate for changes in operating conditions, thus maintaining optimum engine performance. (See page 87.)
- Easy2Start™ system (E) (See page 24.)
- Simplified starting procedure with semi-automatic choke lever for easy, smooth starts
- Stop switch automatically returns to start position
- Rugged professional design and 4-point anti-vibration system
- Easy-adjust, soft-grip bike handle swivels for easy transport and storage
- Extremely lightweight and comfortable universal harness
- Vertically pleated paper air filter element for extended service life
- See page 84 for information on additional standard features

For additional cutting attachments and handle/deflector requirements, see pages 112-119.

Versatile, rugged brushcutter for all-around professional applications.

FS 460 C-EM

Professional
Brushcutter/Clearing Saw
Series 4147



STIHL
Easy 2 Start™



Displacement	45.6 cc (2.8 cu. in.)
Engine Power	2.2 kW (3.0 bhp)
Weight*	8.5 kg (18.7 lbs.)
Fuel Capacity	750 cc (25.4 oz.)

*Dry weight without cutting attachment or deflector.

Features

- Powered by a low-emission engine (See page 83.)
 - Features STIHL M-Tronic™ (M) – Innovative, microprocessor-controlled engine management system adjusts the engine to compensate for changes in operating conditions, thus maintaining optimum engine performance. (See page 87.)
 - Easy2Start™ system (E) (See page 24.)
 - Simplified starting procedure with semi-automatic choke lever and stop switch that automatically returns to the start position
 - Rugged professional design and 4-point anti-vibration system
 - Easy-adjust, soft-grip bike handle swivels for easy transport and storage
 - Extremely lightweight and comfortable universal harness
 - Vertically pleated paper air filter element for extended service life
 - See page 84 for information on additional standard features
- For additional cutting attachments and handle/deflector requirements, see pages 112-119.

Versatile, rugged brushcutter for professional applications and forest clearing use.



FS 560 C-EM

Professional
Brushcutter/Clearing Saw
Series 4148

Displacement	57.1 cc (3.48 cu. in.)
Engine Power	2.8 kW (3.75 bhp)
Weight*	10.2 kg (22.5 lbs.)
Fuel Capacity	990 cc (33.5 oz.)

*Dry weight without cutting attachment or deflector.

Features

- Powered by fuel efficient, low-emission engine (See page 83.) Easy2Start™ system (E) (See page 24.)
 - Simplified starting procedure with semi-automatic choke lever and stop switch that automatically returns to the start position
 - Features STIHL M-Tronic™ (M) – Innovative, microprocessor-controlled engine management system adjusts the engine to compensate for changes in operating conditions, thus maintaining optimum engine performance. (See page 87.)
 - Large, translucent fuel tank for less refueling and longer run times
 - Rugged design with 4-point anti-vibration system
 - Easily adjusted, soft-grip bike handle swivels for easy transport
 - Features extremely lightweight, comfortable universal harness
 - See page 84 for information on additional standard features
- For additional cutting attachments and handle/deflector requirements, see pages 112-119.

STIHL's most powerful, professional-grade clearing saw with STIHL M-Tronic™ for optimum engine power at all times.

INTERCHANGEABLE GEARBOX ATTACHMENTS*

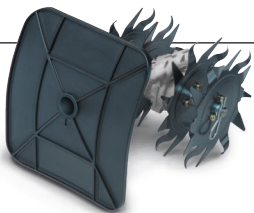
Kick your STIHL product into high gear with our selection of useful gearbox attachments. Now you can transform select STIHL trimmers, grass edgers, extended hedge trimmers and pole pruners into a range of new products, including a handy mini-cultivator, power scythe, bristle brush sweeper and more. That's power and versatility you can take to the bank.

Replacing your gearbox is easy. Simply loosen the screws located at the gearbox and then replace the gearbox with a compatible STIHL gearbox accessory. Re-tighten the screws and you suddenly have a whole new STIHL product ready for duty. See our gearbox compatibility chart on page 111 for a complete list of accessories that will fit your particular STIHL product.

Note: Discontinued December 2019. Replaced by Interchangeable KombiSystem Attachments. (See pages 167-171).

BF MINI-CULTIVATOR

This lightweight cultivator is ideal for flower bed rejuvenation and mixing amendments into the soil.



FCS EDGER

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



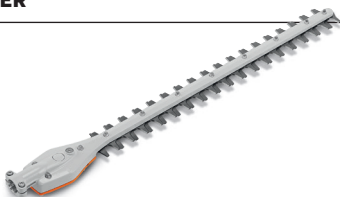
FH 145° POWER SCYTHER

New lightweight gearbox with 10" blade has an adjustable 145° working range. Great for trimming grass in parking lots or close to buildings.



HL 0° HEDGE TRIMMER

An efficient and agile hedge trimmer attachment makes it easier to access those hard-to-reach hedges.



HL 145° HEDGE TRIMMER

New lightweight gearbox available with 20" or 24" blade has an adjustable 145° working range. Cutter bar folds for transport and storage.



HT POLE PRUNER

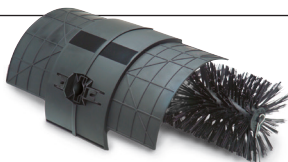
This attachment makes quick work of pruning trees and shrubs and features a side-access chain tensioner for easy chain adjustments.



KB BRISTLE BRUSH

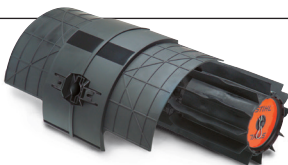
Durable nylon bristles, and a wide sweeping surface – one pass covers an area up to 24" wide; this attachment makes quick work of big sweeping jobs.

Note: Do not use on grass lawns.



KW STIHL PowerSweep™





Converts trimmer into a gasoline-powered, rubber-paddled broom for construction, winter cleanup and street maintenance.



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.

GEARBOX AND HANDLE COMPATIBILITY

BY MODEL

Model	Handle	Gearbox Attachment							
		BF	FCS	FH145 ¹	HT	HL 0°	HL145 ¹	KB	KW
FS 90, 91, 110, 111		●		●					
FS 130, 131		●		●			●		
FS 240, 250		●							
HL 91 K, 94 K (0°)						●			
HL 100 (0°)					●	●			
HT 100, 102, 130, 132					●				
HT 250				●					
FB 131		●			●		●	●	●
FC 110			●	●	●	●	●	●	●
FC 111		●	●	●	●	●	●	●	●
FS 90 R, 110 R ¹			●	●	●	●	●	●	●
FS 91 R, 111 R ¹		●	●	●	●	●	●	●	●
FS 130 R, 131 R		●			●		●	●	●
HL 94		●		●	●	●	●	●	●
HL 94 K						●	●		
HL 100		●	●	●	●	●	●	●	●
HL 100 K						●	●		
FB 131			●			●		●	●
FC 110, 111			●	●	●	●	●	●	●
FS 90 R, 91 R, 110 R, 111 R ¹			●	●	●	●	●	●	●
FS 130 R	●				●		●	●	
HL 100	●		●	●	●	●	●	●	
HL 100 K						●	●		

● Acceptable ¹ Not approved for FS 110 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, 2019. For most recent updates, visit STIHLUSA.com.

Model Codes

FC = Grass Edger

FS = Trimmer/Brushcutter

HL = Ext. Hedge Trimmer

HT = Pole Pruner

Gearbox Designation Codes

BF = Mini Cultivator

FCS = Edger

FH = Power Scythe

HT = Pole Pruner

HL 0° = Hedge Trimmer

HL 145° = Hedge Trimmer

KW = STIHL PowerSweep™

KB = Bristle Brush

CUTTING ATTACHMENTS FOR STIHL TRIMMERS AND BRUSHCUTTERS

STIHL provides a wide range of versatile cutting heads and blades for use on STIHL trimmers, brushcutters and clearing saws. See the charts on pages 116-119 for applications and to match cuttings heads to the appropriate power tools.

LIGHT-DUTY TRIMMER HEADS

STIHL SuperCut™

Fully automatic line feed that keeps nylon line at same length for optimal cutting performance.



AutoCut® (TapAction™)

Mowing head that uses nylon line. Advances cutting line when "tapped" against the ground.



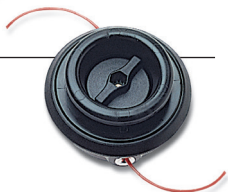
AutoCut® C EasySpool™ (TapAction™)

AutoCut® C versions reload line by simply inserting line into eyelets and twisting bump knob.



STIHL TrimCut™

This manual-feed mowing head with its nylon line magazine is particularly suitable for mowing low-growing grass around solid obstacles.



STIHL FixCut™

Lightweight FixCut™ heads are quick loading. Insert 8" piece of trimmer line in each eyelet (2).



STIHL PolyCut™

The STIHL PolyCut™ is ideal for lawn trimming or cutting close to walls and fences, around trees or between shrubs. All models can be fitted with thermoplastic blades for mowing high-growing grass.



DuroCut

Ideal trimmer head for users who prefer manual heads that require precut lengths of nylon line, even when operating in severe applications.



HEAVY-DUTY CUTTING BLADES

4-TOOTH STEEL GRASS CUTTING BLADE*

This blade is designed specifically for cutting tough, matted grass.



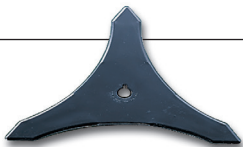
8-TOOTH STEEL GRASS CUTTING BLADE*

For high mowing capacity in difficult conditions, such as matted and dry grass, ferns and reeds.



STEEL BRUSH KNIFE*

Use this attachment for clearing heavily weeded areas or heavy brush. Can be sharpened with a flat file.



*These blades may be used with loop handles on some models if unit is properly equipped with barrier bar and large deflector.

IMPORTANT INFORMATION: 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. 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.

FORESTRY BLADES

SCRATCHER TOOTH**

Steel blade for cutting and clearing brush, vines and saplings. Must be sharpened by a professional.



CHISEL TOOTH**

High-performance steel blade for professional use. Can be sharpened in the field with a round file and guide.



**Must be used with limit stop instead of standard deflector.
Unit must be equipped with bicycle handles and double shoulder harness.

CUTTING HEAD & BLADE APPLICATION RECOMMENDATIONS

Cutting Attachments	Trimming Around Obstacles	Light Vegetation	Heavy Vegetation	Reeds, Brush, Heavy Grass	Brush, Small Trees
Trimmer Heads					
STIHL SuperCut™	●	●			
AutoCut®	●	●			
EasySpool™	●	●			
FixCut™	●	●			
TrimCut™	●	●			
DuroCut	●	●	●		
Metal/Fixed Line	●	●			
Blades					
4-Tooth Blade			●	●	
8-Tooth Blade			●	●	
Steel Brush Knife				●	
Forestry Blades					
Scratcher Tooth				●	●
Chisel Tooth					●

WARNING! Barrier bar and large deflector must be attached when using a metal grass blade with loop-handle trimmer.

STIHL CUTTING HEADS

SELECTION CHART

• Light Grass Trimmer Heads

Head/Blade Type	Part Number	Trimmer Line Diameters		FSA 45	FSA 56
		Standard	Optional		
AutoCut® 2-2	4008 710 2103	.080"	-		●
AutoCut® C 4-2	4006 710 2123	.080"	-		
AutoCut® 5-2	4006 710 2103	.080"	-		
AutoCut® C 5-2 (Disc.)	4006 710 2106	.080"	-		
AutoCut® C 6-2	4006 710 2126	.080"	.095"		
AutoCut® 11-2	4004 710 2192	.095"	.080"		
AutoCut® 25-2	4002 710 2191	.095"	.105"		
AutoCut® C 25-2 (Disc.)	4002 710 2196	.095"	-		
AutoCut® C 26-2	4006 710 2169	.095"	.105"		
AutoCut® 30-2 (Disc.)	4002 710 2187	.105"	.118"		
AutoCut® 36-2	4002 710 2170	.105"	.118"/.130"		
AutoCut® 40-2 (Disc.)	4003 710 2189	.105"	.118"		
AutoCut® 40-4 (Disc.)	4005 710 2102	.105"	.118"		
AutoCut® 46-2	4003 710 2115	.105"	.118"/.130"		
AutoCut® 56-2	4005 710 2107	.105"	.118"/.130"		
DuroCut 5-2	4006 710 2131	.080"	.065"/.095"		
DuroCut 20-2	4002 710 2182	.120"	.080"/.095"/.105"		
DuroCut 40-4	4005 710 2114	.155"	.120"/.130"		
FixCut™ 30-2 (Disc.)	4006 710 2103	-	.080"/.095"/.105"		
FixCut™ 31-2	4001 710 2105	-	.080"/.095"/.105"		
STIHL SuperCut™ 20-2	4002 710 2184	.095"	-		
STIHL SuperCut™ 40-2	4003 710 2142	.095"	-		

* Trimmers equipped with loop handles. For models that are available with optional handles, "R" denotes loop-handle versions.

** 2018 models and newer.

● Approved for use with designated unit as originally equipped.

● Approved for use with loop handle only if equipped with barrier bar, deflector kit and a single or double shoulder harness.

○ Approved for use with bike handle, double shoulder harness and limit stop.

STIHL CUTTING BLADES

SELECTION CHART

- Heavy Grass / Mowing Heads and Blades
- Brush Knives
- Forestry Saw Blades

Head/Blade Type	Part Number	Trimmer Line Diameters		FSA 45	FSA 56
		Standard	Optional		
STIHL PolyCut™ 2-2	4008 710 2102			●	
STIHL PolyCut™ 7-3	4006 710 2127				
STIHL PolyCut™ 20-3 (Disc.)	4002 710 2189				
STIHL PolyCut™ 41-3 (Disc.)	4003 710 2114				
TrimCut™ 31-2	4002 710 2156	.105"	.095"		
TrimCut™ 41-2	4003 710 2108	.105"	.095"		
TrimCut™ 51-2	4005 710 2104	.105"	.095"		
Grass-4 20 mm	4000 713 3801				
Grass-4 25.4 mm	4001 713 3801				
Grass-8 20 mm	4000 713 3802				
Grass-8 25.4 mm	4001 713 3803				
Brush Knife - 250 mm - 25.4 mm Arbor	4112 713 4100				
Brush Knife - 300 mm - 20 mm Arbor	4119 713 4100				
Brush Knife - 350 mm - 20 mm Arbor	4110 713 4100				
Scratcher - 200 mm - 20 mm Arbor	4000 713 4200				
Scratcher - 200 mm - 25.4 mm Arbor	4112 713 4201				
Scratcher - 225 mm - 20 mm Arbor	4000 713 4205				
Scratcher - 250 mm - 20 mm Arbor	4104 713 4200				
Chisel - 200 mm - 20 mm Arbor	4119 713 4200				
Chisel - 200 mm - 25.4 mm Arbor	4112 713 4203				
Chisel - 225 mm - 20 mm Arbor	4110 713 4204				

* Trimmers equipped with loop handles. For models that are available with optional handles, "R" denotes loop-handle versions.

** 2018 models and newer.

● Approved for use with designated unit as originally equipped.

● Approved for use with loop handle only if equipped with barrier bar, deflector kit and a single or double shoulder harness.

○ Approved for use with bike handle, double shoulder harness and limit stop.

FC 56 C-E

Homeowner Edger
Series 4144

STIHL
Easy2Start™



**BUILT IN
USA**



Displacement	27.2 cc (1.66 cu. in.)
Engine Power	0.8 kW (1.07 bhp)
Weight*	6.1 kg (13.5 lbs.)
Fuel Capacity	340 cc (11.5 oz.)
Blade Size	20.3 cm (8.0 in.)
Arbor Size	25.4 mm (1.0 in.)
Gear Ratio	1:1.24
Blade Speed	8,300 rpm

*Dry weight.

Features

- Powered by a fuel-efficient, low-emission engine (See page 83.)
- Easy2Start™ system (E) (See page 24.)
- Simple and reliable starting procedure with stop switch that automatically returns to the start position
- Semi-automatic choke lever for smooth starts
- Excellent balance and low vibration
- Easy-to-adjust depth wheel
- Professional design “open” deflector to minimize clogging
- See page 84 for information on additional standard features

Optional Accessories

- Support strap
- 3.8 mm thick, heavy-duty edger blade (4133 713 4102)

Lightweight edger - ideal for use around the home with a simplified starting procedure.

Built in the USA from domestic and foreign parts and components.

FC 70

Professional Edger Series 4144



Displacement	27.2 cc (1.66 cu. in.)
Engine Power	0.9 kW (1.2 bhp)
Weight*	5.9 kg (13.0 lbs.)
Fuel Capacity	340 cc (11.5 oz.)
Blade Size	20.3 cm (8.0 in.)
Arbor Size	25.4 mm (1.0 in.)
Gear Ratio	1:1.24
Blade Speed	8,300 rpm

*Dry weight.

Features

- Powered by a low-emission engine (See page 83.)
- Semi-automatic choke lever for smooth starts
- Simplified, convenient starting procedure
- Excellent balance and low vibration
- Easy-to-adjust depth wheel

- Professional design “open” deflector to minimize clogging
- See page 84 for information on additional standard features

Optional Accessory

- 3.8 mm thick, heavy-duty edger blade (4133 713 4102)

Professional curved-shaft edger.

Built in the USA from domestic and foreign parts and components.

FC 91

Professional Edger Series 4180



Displacement	28.4 cc (1.73 cu. in.)
Engine Power	0.95 kW (1.27 bhp)
Weight*	6.0 kg (13.2 lbs.)
Fuel Capacity	710 cc (24.0 oz.)
Blade Size	20.3 cm (8.0 in.)
Arbor Size	25.4 mm (1.0 in.)
Gear Ratio	1:1.235
Blade Speed	8,100 rpm

*Dry weight.

Features

- Powered by a low-emission engine (See page 83.)
- Large 710 cc fuel tank for longer run times
- IntelliCarb™ compensating carburetor
- Simple and reliable starting procedure with stop switch that automatically returns to the start position
- Adjustable depth wheel and replaceable heavy-duty skid plate
- Professional design “open” deflector to minimize clogging
- See page 84 for information on additional standard features

Optional Accessory

- 3.8 mm thick, heavy-duty edger blade (4133 713 4102)

**Perfect for edging tasks around residential
or commercial sites.**

Built in the USA from domestic and foreign parts and components.

FC 96

Professional Edger Series 4180



Displacement	28.4 cc (1.73 cu. in.)
Engine Power	0.95 kW (1.27 bhp)
Weight*	6.2 kg (13.7 lbs.)
Fuel Capacity	710 cc (24.0 oz.)
Blade Size	20.3 cm (8.0 in.)
Arbor Size	25.4 mm (1.0 in.)
Gear Ratio	1:2.09
Blade Speed	4,800 rpm

*Dry weight.

Features

- Powered by a low-emission engine (See page 83.)
- Professional design “open” deflector to minimize clogging
- Adjustable depth wheel
- Large 710 cc fuel tank for longer run times
- Replaceable skid plate
- See page 84 for information on additional standard features

Optional Accessories

- 3.8 mm thick, heavy-duty edger blade (4133 713 4102)
- Interchangeable gearbox attachments (See pages 108-111.)

**Professional straight-shaft edger powered
by a proven low-emission engine.**

Built in the USA from domestic and foreign parts and components.

FC 111

Professional Edger Series 4180



Displacement	31.4 cc (1.9 cu. in.)
Engine Power	1.05 kW (1.4 bhp)
Weight*	6.2 kg (13.7 lbs.)
Fuel Capacity	710 cc (24.0 oz.)
Blade Size	20.3 cm (8.0 in.)
Arbor Size	25.4 mm (1.0 in.)
Gear Ratio	1:2.09
Blade Speed	4,800 rpm

*Dry weight.

Features

- Powered by a low-emission engine (See page 83.)
- IntelliCarb™ compensating carburetor
- Professional design “open” deflector to minimize clogging
- “Line of Sight” marking for increased accuracy
- Large 710 cc fuel tank for longer run times
- New gearbox provides faster blade speed and productivity
- Adjustable depth wheel and replaceable heavy-duty skid plate
- See page 84 for information on additional standard features

Optional Accessories

- 3.8 mm thick, heavy-duty edger blade (4133 713 4102)
- Interchangeable gearbox attachments (See pages 108-111.)

Professional straight-shaft edger powered by a large displacement, low-emission engine.

Built in the USA from domestic and foreign parts and components.

FB 131

Professional Bed Redefiner Series 4180



Displacement	36.3 cc (2.2 cu. in.)
Engine Power	1.4 kW (1.9 bhp)
Weight*	7.8 kg (17.2 lbs.)
Fuel Capacity	710 cc (24.0 oz.)
Blade Cutting Depth	Up to 6.6 cm (2.6 in.)
Arbor Size	25.4 mm (1.0 in.)
Gear Ratio	1:2.09
Blade Speed	4,800 rpm

*Dry weight.

Features

- Powered by a low-emission engine (See page 83.)
- Straight, solid driveshaft design for increased torque and durability
- Professional design “open” deflector to minimize clogging
- “Line of Sight” indicator for more precise control
- Large 710 cc fuel tank for long run times
- Easily adjustable depth wheel
- See page 84 for information on additional standard features

Provides a professional and manicured finish to beds with significantly less time and effort.

Built in the USA from domestic and foreign parts and components.

BG 50

Homeowner
Handheld Blower
Series 4229



Displacement	27.2 cc (1.66 cu. in.)
Engine Power	0.7 kW (0.9 bhp)
Weight*	3.6 kg (7.9 lbs.)
Fuel Capacity	430 cc (14.5 oz.)
Blowing Force**	13 Newtons
Avg. Air Velocity***	60 m/sec (134 mph)
Max. Air Velocity***	71 m/sec (159 mph)
Air Volume at Nozzle***	700 m ³ /h (412 cfm)
Sound Pressure Rating***	70 dB(A)

*Dry weight.

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

***As per ANSI B 175.2 standard.

Features

- Powered by a proven STIHL engine (See page 83.)
- Lightweight, easy to maneuver and improved ergonomics reduce operator fatigue
- Purge pump primer and improved choke system for easy starting
- Upright translucent fuel tank with fuel cap retainer for easy fuel check and fill
- Toolless air filter access for easy maintenance
- Round nozzle for increased air volume
- See page 86 for information on additional standard features

STIHL's lightest gasoline-powered handheld blower.

Built in the USA from domestic and foreign parts and components.

BG 56 C-E

Homeowner
Handheld Blower
Series 4241

STIHL[®]
Easy2Start[™]

BUILT IN
USA



Displacement	27.2 cc (1.66 cu. in.)
Engine Power	0.7 kW (0.9 bhp)
Weight*	4.2 kg (9.3 lbs.)
Fuel Capacity	540 cc (18.3 oz.)
Blowing Force**	13 Newtons
Avg. Air Velocity***	60 m/sec (134 mph)
Max. Air Velocity***	71 m/sec (159 mph)
Air Volume at Nozzle***	700 m ³ /h (412 cfm)
Sound Pressure Rating***	70 dB(A)

*Dry weight.

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

***As per ANSI B 175.2 standard.

Features

- Powerful and fuel-efficient, low-emission engine (See page 83.)
- Easy2Start[™] system (E) (See page 24.)
- Simplified starting procedure with semi-automatic choke lever and stop switch that automatically returns to the start position
- See page 86 for information on additional standard features

Optional Accessories

- Vacuum kit (4241 700 2200)
- Gutter cleaning kit (4241 007 1003)
- Flat nozzle (4229 708 6301)

Powerful handheld blower features the Easy2Start[™] system at an affordable price.

Built in the USA from domestic and foreign parts and components.

BG 66 L

Professional
Handheld Blower
Series 4241



Displacement	27.2 cc (1.66 cu. in.)
Engine Power	0.6 kW (0.8 bhp)
Weight*	4.4 kg (9.7 lbs.)
Fuel Capacity	540 cc (18.3 oz.)
Blowing Force**	10 Newtons
Avg. Air Velocity***	51 m/sec (115 mph)
Max. Air Velocity***	62 m/sec (139 mph)
Air Volume at Nozzle***	630 m ³ /h (371 cfm)
Sound Pressure Rating***	65 dB(A)

*Dry weight.

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

***As per ANSI B 175.2 standard.

Features

- Perfect for noise-sensitive areas
- Powerful and fuel-efficient, low-emission STIHL engine (See page 83.)
- Simplified starting procedure with semi-automatic choke lever and stop switch that automatically returns to the start position
- Two-ringed piston for extended life
- See page 86 for information on additional standard features

Optional Accessory

- Gutter cleaning kit (4241 007 1003)

Powerful, quiet handheld blower can handle many blowing tasks in noise-sensitive areas.

Built in the USA from domestic and foreign parts and components.



Both flat and round nozzles included.



Displacement	27.2 cc (1.66 cu. in.)
Engine Power	0.8 kW (1.07 bhp)
Weight*	4.4 kg (9.7 lbs.)
Fuel Capacity	440 cc (14.9 oz.)
Blowing Force**	15 Newtons
Avg. Air Velocity***	Flat: 74 m/sec. (166 mph) Round: 63 m/sec. (141 mph)
Max. Air Velocity***	Flat: 85 m/sec. (190 mph) Round: 69 m/sec. (154 mph)
Air Volume at Nozzle***	Flat: 620 m ³ /h (365 cfm) Round: 755 m ³ /h (444 cfm)
Sound Pressure Rating***	70 dB(A)

*Dry weight.

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

***As per ANSI B 175.2 standard.

Features

- HD-2 air filtration system
- Powerful and fuel-efficient, low-emission engine (See page 83.)
- Simplified starting procedure with semi-automatic choke lever and stop switch that automatically returns to the start position
- Four-spring anti-vibration system
- ElastoStart™ shock-absorbing starter handle
- Throttle lock and stop switch for ease of operation
- Two-ringed piston for extended life
- Soft grip handle for added comfort
- See page 86 for information on additional standard features

Optional Accessories

- Vacuum kit (4241 700 2200)
- Gutter cleaning kit (4241 007 1003)

Top-of-the-line, powerful, professional handheld blower.

Built in the USA from domestic and foreign parts and components.

BG 86 C-E

Professional Handheld Blower Series 4241

Both flat and round nozzles included.

STIHL
Easy 2 Start™

BUILT IN
USA



Displacement	27.2 cc (1.66 cu. in.)
Engine Power	0.8 kW (1.07 bhp)
Weight*	4.5 kg (9.9 lbs.)
Fuel Capacity	440 cc (14.9 oz.)
Blowing Force**	15 Newtons
Avg. Air Velocity***	Flat: 74 m/sec. (166 mph) Round: 63 m/sec. (141 mph)
Max. Air Velocity***	Flat: 85 m/sec. (190 mph) Round: 69 m/sec. (154 mph)
Air Volume at Nozzle***	Flat: 620 m ³ /h (365 cfm) Round: 755 m ³ /h (444 cfm)
Sound Pressure Rating***	70 dB(A)

*Dry weight.

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

***As per ANSI B 175.2 standard.

Features

- HD-2 air filtration system
- Powerful and fuel-efficient, low-emission engine (See page 83.)
- Four-spring anti-vibration system
- Easy2Start™ system (E) (See page 24.)
- Throttle lock and stop switch for ease of operation
- Simplified starting procedure with semi-automatic choke lever and stop switch that automatically returns to the start position
- Two-ringed piston for extended life
- Soft grip handle for added comfort
- See page 86 for information on additional standard features

Optional Accessories

- Vacuum kit (4241 700 2200)
- Gutter cleaning kit (4241 007 1003)

Same features as BG 86, but with Easy2Start™.

Built in the USA from domestic and foreign parts and components.

SH 56 C-E

STIHL
Easy2Start™

BUILT IN
USA

Homeowner
Shredder Vac/Blower
Series 4241

Tube to convert
to a handheld
blower included.



Displacement	27.2 cc (1.66 cu. in.)
Engine Power	0.7 kW (0.9 bhp)
Weight*	5.2 kg (11.5 lbs.)
Fuel Capacity	540 cc (18.3 oz.)
Blowing Force**	13 Newtons
Avg. Air Velocity***	60 m/sec. (134 mph)
Max. Air Velocity***	71 m/sec. (159 mph)
Air Volume at Nozzle***	700 m ³ /h (412 cfm)
Sound Pressure Rating***	70 dB(A)
Bag Capacity	1.5 cu. ft. = 1.2 bushel

*Dry weight.

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

***As per ANSI B 175.2 standard.

Features

- Powerful and fuel-efficient, low-emission engine (See page 83.)
- Special shredder blade on fan wheel reduces yard waste (14:1 mulching ratio for dry leaves)
- Easy2Start™ system (E) (See page 24.)
- Simplified starting procedure with semi-automatic choke lever and stop switch that automatically returns to the start position
- Comes with vacuum bag and suction tube, plus a round tube for easy conversion to a handheld blower
- See page 86 for information on additional standard features

Optional Accessory

- Gutter cleaning kit (4241 007 1003)

Vacuuming and shredding yard debris is easy with the convenience of the Easy2Start™ system.

Built in the USA from domestic and foreign parts and components.

SH 86 C-E

Professional
Shredder Vac/Blower
Series 4241

STIHL[®]
Easy 2 Start[™]

BUILT IN
USA

Tube to convert
to a handheld
blower included.



Displacement	27.2 cc (1.66 cu. in.)
Engine Power	0.8 kW (1.07 bhp)
Weight*	5.6 kg (12.3 lbs.)
Fuel Capacity	440 cc (14.9 oz.)
Blowing Force**	15 Newtons
Avg. Air Velocity***	63 m/sec. (141 mph)
Max. Air Velocity***	76 m/sec. (170 mph)
Air Volume at Nozzle***	755 m ³ /h (444 cfm)
Sound Pressure Rating***	70 dB(A)
Bag Capacity	1.5 cu. ft. = 1.2 bushel

*Dry weight.

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

***As per ANSI B 175.2 standard.

Features

- HD-2 air filtration system
- Special shredder blade reduces yard waste (14:1 dry leaf mulching ratio)
- Easy2Start[™] system (E) (See page 24.)
- Throttle lock and stop switch for ease of operation
- Simplified starting procedure with semi-automatic choke lever and stop switch that automatically returns to the start position
- Soft grip handle for added comfort
- Comes with vacuum bag and suction tube, plus a round tube for easy conversion to a handheld blower
- See page 86 for information on additional standard features

Optional Accessory

- Gutter cleaning kit (4241 007 1003)

Top-of-the-line, full-featured professional blower that includes the Easy2Start[™] system.

Built in the USA from domestic and foreign parts and components.

BR 200

Homeowner
Backpack Blower
Series 4241

BUILT IN
USA



Displacement	27.2 cc (1.66 cu. in.)
Engine Power	0.8 kW (1.07 bhp)
Weight*	5.7 kg (12.6 lbs.)
Fuel Capacity	1,050 cc (35.5 oz.)
Blowing Force**	12 Newtons
Avg. Air Velocity***	56 m/sec. (125 mph)
Max. Air Velocity***	67 m/sec. (150 mph)
Air Volume at Nozzle***	680 m ³ /h (400 cfm)
Sound Pressure Rating***	70 dB(A)

*Dry weight.

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

***As per ANSI B 175.2 standard.

Features

- Professional quality backpack blower with exceptional performance for homeowners
- Powerful enough to tackle almost any blowing need around home
- Lightweight design and anti-vibration system helps reduce operator fatigue
- Tube-mounted, joystick-style throttle and variable cruise control function for easy, single-handed operation
- Fuel-efficient engine and large fuel tank mean less refueling and longer run times
- Simplified starting procedure with semi-automatic choke lever and stop switch that automatically returns to the start position
- See page 86 for information on additional standard features

Optional Accessory

- Chest strap (0000 790 7700)

**Professional-quality, lightweight backpack blower
designed for around the home.**

Built in the USA from domestic and foreign parts and components.

BR 350

Farm & Ranch
Backpack Blower
Series 4244



Displacement	63.3 cc (3.86 cu. in.)
Engine Power	2.1 kW (2.8 bhp)
Weight*	10.0 kg (22.0 lbs.)
Fuel Capacity	1,700 cc (57.5 oz.)
Blowing Force**	17 Newtons
Avg. Air Velocity***	75 m/sec. (167 mph)
Max. Air Velocity***	90 m/sec. (201 mph)
Air Volume at Nozzle***	740 m ³ /h (436 cfm)
Sound Pressure Rating***	74 dB(A)

*Dry weight.

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

***As per ANSI B 175.2 standard.

Features

- Powerful, value-priced, mid-range blower provides better fuel economy and cleaner emissions than standard 2-stroke engine
- Rugged enough to tackle wet, heavy leaves and lawn debris
- Anti-vibration system and large comfortable straps help reduce operator fatigue
- Tube-mounted, joystick-style throttle and variable cruise control function for easy, single-handed operation
- Simplified starting procedure with semi-automatic choke lever and stop switch that automatically returns to the start position
- Large, pleated air filter provides longer filter life
- See page 86 for information on additional standard features

Optional Accessories

- Chest strap (0000 790 7700)
- Hip belt (4203 710 9102)
- Curved nozzle (4203 708 6300)

This powerful, fuel-efficient backpack blower tackles tough cleanup tasks.

Built in the USA from domestic and foreign parts and components.

BR 430

Professional
Backpack Blower
Series 4244

BUILT IN
USA



Displacement	63.3 cc (3.86 cu. in.)
Engine Power	2.9 kW (3.9 bhp)
Weight*	10.1 kg (22.3 lbs.)
Fuel Capacity	1,700 cc (57.5 oz.)
Blowing Force**	26 Newtons
Avg. Air Velocity***	82 m/sec. (183 mph)
Max. Air Velocity***	98 m/sec. (219 mph)
Air Volume at Nozzle***	850 m ³ /h (500 cfm)
Sound Pressure Rating***	76 dB(A)

*Dry weight.

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

***As per ANSI B 175.2 standard.

Features

- Dependable, powerful engine provides better fuel economy and cleaner emissions than standard 2-stroke engine
- Anti-vibration system helps reduce operator fatigue
- Simplified starting procedure with semi-automatic choke lever and stop switch that automatically returns to the start position
- Two-ring piston for extended life
- ElastoStart™ starter handle
- Back padding, broad shoulder straps and rubberized grip provide support and comfort
- Tube-mounted throttle with integrated lock function for easy, single-handed operation
- See page 86 for information on additional standard features

Optional Accessories

- Chest strap (0000 790 7700)
- Hip belt (4203 710 9102)
- Curved nozzle (4282 708 6365)

Delivers the fuel economy and operator comfort that professionals need for tough cleanup tasks.

Built in the USA from domestic and foreign parts and components.

BR 450

Professional
Backpack Blower
Series 4244



Displacement	63.3 cc (3.86 cu. in.)
Engine Power	2.9 kW (3.9 bhp)
Weight*	10.6 kg (23.4 lbs.)
Fuel Capacity	1,700 cc (57.5 oz.)
Blowing Force**	28 Newtons
Avg. Air Velocity***	83 m/sec. (186 mph)
Max. Air Velocity***	98 m/sec. (219 mph)
Air Volume at Nozzle***	1,090 m ³ /h (642 cfm)
Sound Pressure Rating***	77 dB(A)

*Dry weight.

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

***As per ANSI B 175.2 standard.

Features

- Powerful and fuel-efficient, low-emission engine (See page 83.)
- Simplified starting procedure with semi-automatic choke lever and stop switch that automatically returns to the start position
- Easy-to-adjust telescopic tube to accommodate users and tasks
- Toolless adjustable control handle position to accommodate users
- Purge pump primer for easier starting
- Soft rubber grip for better comfort and control
- Large comfortable straps and backpack
- See page 86 for information on additional standard features

Optional Accessories

- Chest strap (0000 790 7700)
- Hip belt (4203 710 9102)

**Powerful backpack blower with plenty of force
to get the job done quickly.**

Built in the USA from domestic and foreign parts and components.

BR 450 C-EF

STIHL
Easy2Start™

BUILT IN
USA



Professional
Backpack Blower
Series 4244

Displacement	63.3 cc (3.86 cu. in.)
Engine Power	2.9 kW (3.9 bhp)
Weight*	11.5 kg (25.4 lbs.)
Fuel Capacity	1,700 cc (57.5 oz.)
Blowing Force**	28 Newtons
Avg. Air Velocity***	83 m/sec. (186 mph)
Max. Air Velocity***	99 m/sec. (221 mph)
Air Volume at Nozzle***	1,090 m ³ /h (642 cfm)
Sound Pressure Rating***	77 dB(A)

*Dry weight.

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

***As per ANSI B 175.2 standard.

Features

- Electric start allows users to start or stop the blower with the push of a button while wearing the backpack blower
- Simplified starting procedure with semi-automatic choke lever and stop switch that automatically returns to the start position
- Easy2Start™ system (E) (See page 24.)
- Easy-to-adjust telescopic tube to accommodate users and tasks
- Toolless adjustable control handle position to accommodate users
- Purge pump primer for easier starting
- Soft rubber grip for better comfort
- Large comfortable straps and backpack
- See page 86 for information on additional standard features

Optional Accessories

- Chest strap (0000 790 7700)
- Hip belt (4203 710 9102)

The only professional backpack blower with electric start.

Built in the USA from domestic and foreign parts and components.

BR 500

Professional
Backpack Blower
Series 4282



Displacement	64.8 cc (3.95 cu. in.)
Engine Power	2.0 kW (2.7 bhp)
Weight*	10.1 kg (22.3 lbs.)
Fuel Capacity	1,400 cc (47.3 oz.)
Blowing Force**	22 Newtons
Avg. Air Velocity***	77 m/sec. (173 mph)
Max. Air Velocity***	93 m/sec. (207 mph)
Air Volume at Nozzle***	925 m ³ /h (544 cfm)
Sound Pressure Rating***	65 dB(A)

*Dry weight.

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

***As per ANSI B 175.2 standard.

Features

- Quiet 65 dB(A) as measured per ANSI B 175.2
- Powerful and fuel-efficient, low-emission engine (See page 83.)
- Simplified starting procedure with semi-automatic choke lever and stop switch that automatically returns to the start position
- Throttle lock function integrated on control handle
- Two-position adjustable blower tube with increased wear area nozzle
- High-quality, durable harness with dual adjustments and STIHL logo
- Single-handed operation
- Reduced vibration levels
- Comfortable weight
- See page 86 for information on additional standard features

Optional Accessories

- Hip belt (4282 710 9101)
- Curved nozzle (4282 708 6320)
- Chest strap (0000 790 7700)

Powerful, quiet, low-emission backpack blower.

Built in the USA from domestic and foreign parts and components.

BR 600

Professional
Backpack Blower
Series 4282



Displacement	64.8 cc (3.95 cu. in.)
Engine Power	2.8 kW (3.8 bhp)
Weight*	9.8 kg (21.6 lbs.)
Fuel Capacity	1,400 cc (47.3 oz.)
Blowing Force**	32 Newtons
Avg. Air Velocity***	89 m/sec. (199 mph)
Max. Air Velocity***	106 m/sec. (238 mph)
Air Volume at Nozzle***	1,150 m ³ /h (677 cfm)
Sound Pressure Rating***	75 dB(A)

*Dry weight.

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

***As per ANSI B 175.2 standard.

Features

- Powerful and fuel-efficient, low-emission engine (See page 83.)
- Three-position adjustable blower tube with increased wear area nozzle
- Throttle lock function integrated on control handle
- High-quality, durable harness with dual adjustments
- 4-point anti-vibration system aids comfort and reduces fatigue over previous model
- Simplified starting procedure with semi-automatic choke lever and stop switch that automatically returns to the start position
- See page 86 for information on additional standard features

Optional Accessories

- Hip belt (4282 710 9101)
- Curved nozzle (4282 708 6330)
- Chest strap (0000 790 7700)

**Fuel efficiency, low-exhaust emissions and durable,
professional quality - all in one.**

Built in the USA from domestic and foreign parts and components.

BR 700

Professional
Backpack Blower
Series 4282



Displacement	64.8 cc (3.95 cu. in.)
Engine Power	2.8 kW (3.8 bhp)
Weight*	10.6 kg (23.4 lbs.)
Fuel Capacity	1,400 cc (47.3 oz.)
Blowing Force**	35 Newtons
Avg. Air Velocity***	74 m/sec. (165 mph)
Max. Air Velocity***	88 m/sec. (197 mph)
Air Volume at Nozzle***	1,550 m ³ /h (912 cfm)
Sound Pressure Rating***	75 dB(A)

*Dry weight.

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

***As per ANSI B 175.2 standard.

Features

- Powerful and fuel-efficient, low-emission engine (See page 83.)
- Easy to adjust, telescopic blower tube accommodates various users
- Toolless, adjustable control handle with comfortable soft rubber grip
- Intuitive starting procedure with semi-automatic choke system that automatically returns to the run position when throttle is activated
- Adjustable harness has comfortable, extra wide straps and back pad
- 4-point anti-vibration system allows operating comfort and reduced fatigue more than previous model
- See page 86 for information on other standard features

Optional Accessories

- Chest Strap (0000 790 7700)
- Hip Belt (4282 710 9101)

Most powerful blower in the STIHL product line.

Great for wet leaf and heavy debris cleanup.

Built in the USA from domestic and foreign parts and components.

BR 700 X

Professional
Backpack Blower
Series 4282



Displacement	64.8 cc (3.95 cu. in.)
Engine Power	2.8 kW (3.8 bhp)
Weight*	10.4 kg (23.0 lbs.)
Fuel Capacity	1,400 cc (47.3 oz.)
Blowing Force**	34 Newtons
Avg. Air Velocity***	73 m/sec. (163 mph)
Max. Air Velocity***	86 m/sec. (193 mph)
Air Volume at Nozzle***	1,530 m ³ /h (901 cfm)
Sound Pressure Rating***	75 dB(A)

*Dry weight.

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

***As per ANSI B 175.2 standard.

Features

- Powerful and fuel-efficient, low-emission engine (See page 83.)
- Equipped with two light blower tubes of different lengths that connect to an extended pleated hose increasing maneuverability and reducing sweeping effort and operator fatigue compared to BR 700
- Intuitive starting procedure with semi-automatic choke system, automatically returns to run position when throttle is activated
- Toolless, adjustable control handle with soft rubber grip
- Adjustable harness has wide straps and back pad for comfort
- 4-point anti-vibration system aids comfort and reduces fatigue over previous model
- See page 86 for information on other standard features

Optional Accessories

- Chest Strap (0000 790 7700)
- Hip Belt (4282 710 9101)

**One of the most powerful blowers in the STIHL product line.
Tackles heavy debris cleanup and large property maintenance.**

Built in the USA from domestic and foreign parts and components.

BR 800 C-E MAGNUM®

Professional
Backpack Blower
Series 4283



STIHL
Easy 2 Start™



**BUILT IN
USA**

Displacement	79.9 cc (4.9 cu. in.)
Engine Power	3.2 kW (4.4 bhp)
Weight*	11.7 kg (25.8 lbs.)
Fuel Capacity	2,000 cc (67.6 oz.)
Blowing Force**	41 Newtons
Avg. Air Velocity***	89 m/sec (199 mph)
Max. Air Velocity***:	107 m/sec. (239 mph)
Air Volume at Nozzle***	1,550 m ³ /h (912 cfm)
Sound Pressure Rating***	78 dB(A)

*Dry weight.

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

***As per ANSI B 175.2 standard.

Features

- 20% more power than BR 700
- Easy2Start™ system (E)
(See page 24.)
- Simplified starting procedure with semi-automatic choke and purge pump primer
- STIHL anti-vibration system reduces fatigue and increases working comfort
- Left-side starter rope enables users to easily start engine while still wearing backpack blower
- Rubberized, multi-function control handle is easy to adjust with no tools
- Wide, S-shaped shoulder straps and hip belt for increased comfort
- Telescopic blowing tube adjusts to meet various working conditions
- Hanging slot for easy storage
- See page 86 for information on other standard features

Great for heavy debris cleanup and large property maintenance.

The most powerful STIHL backpack blower on the market!

Built in the USA from domestic and foreign parts and components.

BR 800 X MAGNUM®



Professional
Backpack Blower
Series 4283

Displacement	79.9 cc (4.9 cu. in.)
Engine Power	3.2 kW (4.4 bhp)
Weight*	10.5 kg (23.1 lbs.)
Fuel Capacity	2,000 cc (67.6 oz.)
Blowing Force**	41 Newtons
Avg. Air Velocity***	89 m/sec (199 mph)
Max. Air Velocity***:	107 m/sec. (239 mph)
Air Volume at Nozzle***	1,550 m ³ /h (912 cfm)
Sound Pressure Rating***	78 dB(A)

*Dry weight.

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

***As per ANSI B 175.2 standard.

Features

- 20% more power than BR 700
- Simplified starting procedure with semi-automatic choke and purge pump primer
- STIHL anti-vibration system reduces fatigue and increases working comfort
- Rubberized, multi-function control handle is easy to adjust with no tools
- S-shaped shoulder straps for comfort
- Lightweight, fixed-length blowing tube
- Hanging slot for easy storage
- See page 86 for information on other standard features

Optional Accessory

- Chest strap (0000 790 7700)

Lighter version of the BR 800 C-E MAGNUM®.

The most powerful STIHL backpack blower on the market!

Built in the USA from domestic and foreign parts and components.

SG 11

Farm & Ranch
Manual Handheld Sprayer
Series 4255



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

*Dry weight.

Features

- Multi-purpose sprayer for home, yard, garden or farm
- For spraying or misting houseplants
- Lightweight, convenient and easy to use
- Translucent tank provides good visibility of liquid level

*Multi-purpose sprayer for use
around the home, garden or farm.*

SG 20

Professional
Manual Backpack Sprayer
Series 4247



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

*Dry weight.

Features

- Pressurized fluid reservoir is separate from main 18-liter tank and maintains constant pressure - refill tank without losing working pressure
- Large filler opening in tank
- Polymer frame reduces weight
- Pump lever on left side
- Easy to maintain components

Optional Accessories

- Telescopic Wand/Extension (4247 500 2100)
- Control Valves
 - 1.0 Bar (4247 500 7400)
 - 1.5 Bar (4247 500 7401)
 - 2.0 Bar (4247 500 7402)
- Herbicide Nozzle (4247 502 1001)
- Herbicide Spray Cone Deflector (4247 500 5800)

Manual backpack sprayer for professional use.

SG 31

Farm & Ranch
Manual Sprayer
Series 4255



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

*Dry weight.

Features

- 5-liter, mid-range volume, multi-purpose sprayer for farm and ranch or commercial use
- Wand holder protects wand for safe transport and storage
- Pump handle can be locked, making it a safe and convenient carrying handle
- Lightweight, convenient and easy to use
- Translucent tank provides good visibility of liquid level

*Multi-purpose sprayer for use around the home,
garden or farm.*

SR 200

Professional
Backpack Sprayer
Series 4241

BUILT IN
USA



Displacement	27.2 cc (1.66 cu. in.)
Engine Power	0.8 kW (1.07 bhp)
Weight*	8.5 kg (18.7 lbs.)
Fuel Capacity	1,079 cc (36.5 oz.)
Container Capacity	10.0 L (2.1 gals.)
Air Velocity	81 m/sec. (181 mph)
Air Volume	With tubes: 580 m ³ /h (341 cfm)
Maximum Spray Range	Horz.: 9.0 m (29.5 ft.) Vert.: 5.5 m (18.0 ft.)

*Dry weight.

Note: The pressure pump kit is recommended for applications in which the spray tube is held at an upward angle of more than 30 degrees in order to maintain a consistent discharge rate.

Features

- Fuel-efficient, low-emission engine (See page 83.)
- Compact design and lightweight for comfortable operation
- Joystick handle combines throttle and liquid flow control
- Simplified starting procedure with semi-automatic choke lever and stop switch that automatically returns to the start position
- Stepless throttle lock allows user to lock throttle at any speed

- Variable control of liquid discharge
- See page 86 for information on other standard features

Optional Accessories

- Metering pump kit for consistent liquid discharge regardless of angle (4241 007 1006)
- Set of ULV (Ultra Low Volume) nozzles for reduced flow rates (4241 007 1009)

Compact, lightweight liquid sprayer that is easy to start, easy to use, and provides professional performance.

Built in the USA from domestic and foreign parts and components.

SR 430

Professional
Backpack Sprayer
Series 4244



Displacement	63.3 cc (3.86 cu. in.)
Engine Power	2.9 kW (3.9 bhp)
Weight*	12.4 kg (27.3 lbs.)
Fuel Capacity	1700 cc (57.5 oz.)
Container Capacity	14.0 L (3.7 gals.)
Air Velocity	90 m/sec. (201 mph)
Air Volume	920 m ³ /h (542 cfm)
Maximum Spray Range	Horz.: 14.5 m (48.0 ft.) Vert.: 13.0 m (43.0 ft.)

*Dry weight.

Note: The pressure pump kit is included for applications in which the spray tube is held at an upward angle of more than 30 degrees in order to maintain a consistent discharge rate.

Features

- Powerful and fuel-efficient, low-emission engine (See page 83.)
- More power and 20% greater spraying range than previous model
- Pressure pump (included) dissolves chemicals when running and provides constant spray flow to ensure even application
- Large container capacity provides long work times
- Throttle trigger travel limiter lets user set most efficient throttle speed for optimal power/pressure control
- Anti-vibration system enhances user comfort and reduces fatigue
- See page 86 for information on other standard features

Optional Accessories

- Hip Belt (4203 710 9102)
- Chest Strap (0000 790 7700)
- 33 cm Tube Extender (4244 770 0300)
- Set of Ultra Low Volume (ULV) nozzles (4244 007 1022)

Powerful, liquid-only sprayer for crop protection and insect control.

SR 450

Professional
Backpack Sprayer/Duster
Series 4244



Displacement	63.3 cc (3.86 cu. in.)
Engine Power	2.9 kW (3.9 bhp)
Weight*	12.8 kg (28.2 lbs.)
Fuel Capacity	1700 cc (57.5 oz.)
Container Capacity	14.0 L (3.7 gals.)
Air Velocity	90 m/sec. (201 mph)
Air Volume	With tubes: 920 m ³ /h (542 cfm)
Maximum Spray Range	Horz.: 14.5 m (48.0 ft.) Vert.: 13.0 m (43.0 ft.)

*Dry weight.

Note: The pressure pump kit is recommended for applications in which the spray tube is held at an upward angle of more than 30 degrees in order to maintain a consistent discharge rate.

Features

- Powerful and fuel-efficient, low-emission engine (See page 83.)
- Easily converts from misting to dusting applications without special tools
- Anti-vibration system enhances user comfort and reduces fatigue
- One-handed control includes both engine and product feed controls
- Simplified starting procedure with semi-automatic choke lever and stop switch that automatically returns to the start position
- See page 86 for information on other standard features

Optional Accessories

- Pressure pump kit for consistent liquid discharge regardless of angle (4244 007 1004)
- Chest Strap (0000 790 7700)
- Tube Extender - 33 cm (4244 770 0300)
- Set of ULV (Ultra Low Volume) nozzles for reduced flow rates (4244 007 1002)
- Hip Belt (4203 710 9102)

Powerful backpack sprayer that easily converts from liquid to granular applications.

HS 45

Homeowner Hedge
Trimmer
Series 4228



Displacement	27.2 cc (1.66 cu. in.)
Engine Power	0.75 kW (1.01 bhp)
Weight*	4.7 kg (10.4 lbs.)
Fuel Capacity	230 cc (7.8 oz.)
Blade Length	18" (46.0 cm)
Strokes per Minute	3,700

*Dry weight.

Features

- Powered by a proven STIHL engine (See page 83.)
- 18" double-sided, reciprocating blades with integrated cutter guard
- Lightweight, compact and maneuverable
- See page 85 for information on other standard features

Optional Accessories

- HS Resin Remover and Blade Cleaner (0782 420 1002)
- HS/HL Gearbox Lube (0781 120 1021)

For homeowners. Lightweight and easy to use.

HS 46 C-E

Homeowner Hedge
Trimmer
Series 4242

STIHL[®]
Easy2Start™

BUILT IN
USA



Displacement	21.4 cc (1.31 cu. in.)
Engine Power	0.65 kW (0.87 bhp)
Weight*	4.3 kg (9.5 lbs.)
Fuel Capacity	280 cc (9.5 oz.)
Blade Length	22" (56.0 cm)
Strokes per Minute	3,640

*Dry weight.

Features

- Improved fuel efficiency for longer run time
- Easy2Start™ system (E) (See page 24.)
- 4-point anti-vibration system allows more operating comfort and reduced fatigue compared to previous models
- Significantly lighter, ergonomic design ensures comfort, good balance and helps reduce fatigue
- Reduced-emission engine technology
- Master Control Lever™ and simplified starting procedure

- Blade tip guard helps prevent damage to blade and gearbox
- Double-sided cutter bar
- See page 85 for information on other standard features

Optional Accessories

- HS Resin Remover and Blade Cleaner (0782 420 1002)
- HS/HL Gearbox Lube (0781 120 1021)

**Lightweight, easy-to-use, premium-performance
hedge trimmer.**

Built in the USA from domestic and foreign parts and components.

HS 56

Professional Hedge
Trimmer
Series 4242



Displacement	21.4 cc (1.31 cu. in.)
Engine Power	0.65 kW (0.87 bhp)
Weight*	4.5 kg (9.9 lbs.)
Fuel Capacity	280 cc (9.5 oz.)
Blade Length	24" (61.0 cm)
Strokes per Minute	3,640

*Dry weight.

Features

- Improved fuel efficiency for longer run time
- Reduced vibration over previous model, reduces fatigue and provides more operating comfort
- Significantly lighter, ergonomic design ensures comfort, good balance and helps reduce fatigue
- Reduced-emission engine technology
- Master Control Lever™ and simplified starting procedure
- Blade tip guard helps prevent damage to blade and gearbox
- Double-sided cutter bar
- See page 85 for information on other standard features

Optional Accessories

- HS Resin Remover and Blade Cleaner (0782 420 1002)
- HS/HL Gearbox Lube (0781 120 1021)

**Professional hedge trimmer with Easy2Start™
and reduced-emission technology.**

Built in the USA from domestic and foreign parts and components.

Professional Hedge Trimmer Series 4237



HS 82 T Shown

Displacement	22.7 cc (1.4 cu. in.)	
Engine Power	0.7 kW (0.94 bhp)	
Weight*	HS 82 R with 24" blade:	5.4 kg (11.9 lbs.)
	HS 82 R with 30" blade:	5.7 kg (12.6 lbs.)
	HS 82 T with 24" blade:	5.1 kg (11.2 lbs.)
	HS 82 T with 30" blade:	5.3 kg (11.7 lbs.)
Fuel Capacity	460 cc (15.6 oz.)	
Blade Length	HS 82 R:	24" or 30" (61.0 or 76.2 cm)
	HS 82 T:	24" or 30" (61.0 or 76.2 cm)
Strokes per Minute	HS 82 R:	3,100
	HS 82 T:	5,100

*Dry weight.

Features

- Fuel-efficient, low-emission engine for longer run times
- Rear swivel handle for improved comfort at various speeds
- Lightweight and well-balanced design for all-day use
- Exhaust emissions directed away from the operator
- Double-sided blade with tip protector
- See page 85 for information on other standard features

Optional Accessories

- HS Resin Remover and Blade Cleaner (0782 420 1002)
- HS/HL Gearbox Lube (0781 120 1021)

HS 82 R only

Higher torque plus blade with larger tooth gap designed for heavy pruning and rejuvenation.



HS 82 T only

Increased blade speed plus blade with finer tooth pitch designed for precise trimming and sculpting.



Outstanding power and handling with a modern, fuel-efficient engine.

HS 87

Professional Hedge Trimmer

Series 4237



HS 87 T Shown

Displacement	22.7 cc (1.4 cu. in.)
Engine Power	0.7 kW (0.94 bhp)
Weight*	HS 87 R with 30" blade: 5.5 kg (12.1 lbs.) HS 87 T with 30" blade: 5.2 kg (11.5 lbs.) HS 87 T with 40" blade: 5.5 kg (12.1 lbs.)
Fuel Capacity	460 cc (15.6 oz.)
Blade Length	HS 87 R: 30" (76.0 cm) HS 87 T: 30" or 40" (76.0 or 101.6 cm)
Strokes per Minute	HS 87 R: 3,100 HS 87 T: 5,000

*Dry weight.

Features

- Fuel-efficient, low-emission engine for longer run times
- Lightweight and well-balanced design for all-day use
- Exhaust emissions directed away from the operator
- Single-sided blade with tip protector included
- See page 85 for information on other standard features

Optional Accessories

- HS Resin Remover and Blade Cleaner (0782 420 1002)
- Leaf/Debris Rake
 - HS 87 T 30" (4237 740 3300)
 - HS 87 T 40" (4237 740 3301)
- HS/HL Gearbox Lube (0781 120 1021)

HS 87 R only

Higher torque plus blade with larger tooth gap designed for heavy pruning and rejuvenation.



HS 87 T only

Increased blade speed plus blade with finer tooth pitch designed for precise trimming and sculpting.



Outstanding power and handling with a modern, fuel-efficient engine.

HL 56 K (0°)

Homeowner
Extended-Reach
Hedge Trimmer
Series 4236



Displacement	27.2 cc (1.66 cu. in.)
Engine Power	0.8 kW (1.07 bhp)
Weight*	5.7 kg (12.6 lbs.)
Fuel Capacity	340 cc (11.5 oz.)
Blade Length	50.0 cm (20.0")

*Dry weight.

Features

- Powered by a proven low-emission engine (See page 83.)
- Fixed 0° cutting head
- Short shaft length (**K**)
- Double-sided reciprocating blades
- Blade guard for transport and storage
- See page 85 for information on other standard features

Optional Accessory

- HS Resin Remover and Blade Cleaner (0782 420 1002)

A lightweight, fixed-length hedge trimmer with a powerful, low-emission engine for hard-to-reach hedges.

Built in the USA from domestic and foreign parts and components.

HL 91 K (0°)

Professional
Extended-Reach
Hedge Trimmer
Series 4243



Displacement	24.1 cc (1.5 cu. in.)
Engine Power	0.9 kW (1.2 bhp)
Weight*	5.4 kg (11.9 lbs.)
Fuel Capacity	540 cc (18.3 oz.)
Blade Length	60.0 cm (24.0 in.)

*Dry weight.

Features

- Powered by a proven low-emission engine (See page 83.)
- Fixed 0° cutting head, now with 24" cutting head
- Short shaft length (**K**)
- Double-sided reciprocating blade
- Features ECOSPEED for precise control at intermediate speeds, and helps reduce engine noise and fuel consumption

- Blade guard for transport and storage
- See page 85 for information on other standard features

Optional Accessory

- HS Resin Remover and Blade Cleaner (0782 420 1002)

Mid-length hedge trimmer with powerful, low-emission engine for keeping hard-to-reach hedges looking good.

Built in the USA from domestic and foreign parts and components.



BUILT IN
USA



HL 94 K (0°)

Professional
Extended-Reach
Hedge Trimmer
Series 4243

Displacement	24.1 cc (1.5 cu. in.)
Engine Power	0.9 kW (1.2 bhp)
Weight*	5.5 kg (12.1 lbs.)
Fuel Capacity	540 cc (18.3 oz.)
Blade Length	60.0 cm (24.0 in.)

*Dry weight.

Features

- Powered by a proven low-emission engine (See page 83.)
- Fixed 0° cutting head, now with 24" cutting head
- Short shaft length (K)
- Double-sided reciprocating blade
- Features ECOSPEED for precise control at intermediate speeds, and helps reduce engine noise and fuel consumption
- Blade guard for transport and storage
- See page 85 for information on other standard features

Optional Accessory

- HS Resin Remover and Blade Cleaner (0782 420 1002)

A lightweight professional hedge trimmer with extended reach and a fixed 0° head.

Built in the USA from domestic and foreign parts and components.

HL 94 K (145°)

Professional
Extended-Reach
Hedge Trimmer
Series 4243



Displacement	24.1 cc (1.5 cu. in.)
Engine Power	0.9 kW (1.2 bhp)
Weight*	5.8 kg (12.8 lbs.)
Fuel Capacity	540 cc (18.3 oz.)
Blade Length	60.0 cm (24.0 in.)

*Dry weight.

Features

- Powered by a proven low-emission engine (See page 83.)
- Articulating 145° cutting head folds flat for easy storage
- Short shaft length (**K**)
- Double-sided reciprocating 24" blade
- Features ECOSPEED for precise control at intermediate speeds, and helps reduce engine noise and fuel consumption

- Blade guard for transport and storage
- See page 85 for information on other standard features

Optional Accessory

- HS Resin Remover and Blade Cleaner (0782 420 1002)

Lightweight, professional extended-reach hedge trimmer with adjustable, articulating head.

Built in the USA from domestic and foreign parts and components.

HL 94 (145°)

Professional
Extended-Reach
Hedge Trimmer
Series 4243



Displacement	24.1 cc (1.5 cu. in.)
Engine Power	0.9 kW (1.2 bhp)
Weight*	6.2 kg (13.7 lbs.)
Fuel Capacity	540 cc (18.3 oz.)
Blade Length	60.0 cm (24.0 in.)

*Dry weight.

Features

- Powered by a proven low-emission engine (See page 83.)
- Articulating 145° cutting head folds flat for easy storage
- Long shaft length can extend user's reach up to 60"
- Double-sided reciprocating 24" blade
- Features ECOSPEED for precise control at intermediate speeds, and helps reduce engine noise and fuel consumption

- Blade guard for transport and storage
- See page 85 for information on other standard features

Optional Accessory

- HS Resin Remover and Blade Cleaner (0782 420 1002)

Lightweight, professional hedge trimmer extends user's reach by over 60" with adjustable, 145° articulating head.

Built in the USA from domestic and foreign parts and components.

HT 56 C-E

Homeowner
Fixed-Length Pole Pruner
Series 4139

STIHL
Easy 2 Start™



**BUILT IN
USA**



Displacement	27.2 cc (1.66 cu. in.)
Engine Power	0.8 kW (1.07 bhp)
Weight*	5.8 kg (12.8 lbs.)
Fuel Capacity	340 cc (11.5 oz.)
Chain Oil Capacity	220 cc (7.4 oz.)
OILOMATIC® Chain/Guide Bar Size	71 PM3 / 25 cm (10")

*Dry weight.

Note: The actual listed guide bar length can vary from the effective cutting length based on the gear head design.

Features

- Powered by a proven low-emission engine (See page 83.)
- Unique two-piece shaft design for easy storage and transport
- Easy2Start™ system (E) (See page 24.)
- Side-access chain tensioner with automatic bar and chain oiling
- Toolless fuel and oil caps with retainers
- See page 85 for information on other standard features

**Professional-quality pruning and tree maintenance
for the homeowner.**

Built in the USA from domestic and foreign parts and components.

HT 103

Professional
Telescoping Pole Pruner
Series 4182



Displacement	31.4 cc (1.9 cu. in.)
Engine Power	1.05 kW (1.4 bhp)
Weight*	7.0 kg (15.5 lbs.)
Fuel Capacity	530 cc (18.0 oz.)
Chain Oil Capacity	220 cc (7.4 oz.)
OILOMATIC® Chain/Guide Bar Size	1/4" STIHL PICCO™ 71 PM3/30 cm (12")

*Dry weight.

Note: The actual listed guide bar length can vary from the effective cutting length based on the gear head design.

Features

- Powered by a proven low-emission engine (See page 83.)
- Telescoping-shaft pole pruner
- Automatic bar and chain oiler
- Side-access chain tensioner
- 12" PM3 bar and chain
- See page 85 for information on other standard features

Optional Accessories

- Basket-style carry harness (4138 710 9001)
- HT carrier support system (4182 790 4400)

Shaft adjusts from 7'6" to 11'6", allowing the user to reach branches up to 16' above ground.

Built in the USA from domestic and foreign parts and components.

HT 131

Professional
Telescoping Pole Pruner
Series 4182



Displacement	36.3 cc (2.2 cu. in.)
Engine Power	1.4 kW (1.9 bhp)
Weight*	7.8 kg (17.2 lbs.)
Fuel Capacity	530 cc (18.0 oz.)
Chain Oil Capacity	220 cc (7.4 oz.)
OILOMATIC® Chain/Guide Bar Size	3/8" STIHL PICCO™ MINI 61 PMM3/35.5 cm (14")

*Dry weight.

Note: The actual listed guide bar length can vary from the effective cutting length based on the gear head design.

Features

- Powered by a proven low-emission engine (See page 83.)
- Telescoping-shaft pole pruner
- Automatic bar and chain oiler
- Side-access chain tensioner
- See page 85 for information on other standard features

Optional Accessories

- 30° angled gearbox (4138 640 0201)
- HT carrier support system (4182 790 4400)

More powerful than the HT 103 with outboard mounted guide bar and saw chain.

Built in the USA from domestic and foreign parts and components.

HT 132

Professional Fixed-Length Pole Pruner Series 4182



Displacement	36.3 cc (2.2 cu. in.)
Engine Power	1.4 kW (1.9 bhp)
Weight*	5.1 kg (11.3 lbs.)
Fuel Capacity	530 cc (18.0 oz.)
Chain Oil Capacity	220 cc (7.4 oz.)
OILOMATIC® Chain / Guide Bar Size	1/4" STIHL PICCO™ 71 PM3 / 30 cm (12")

*Dry weight.

Note: The actual listed guide bar length can vary from the effective cutting length based on the gear head design.

Features

- Powered by a proven low-emission engine (See page 83.)
- Fixed-shaft pole pruner
- Automatic bar and chain oiler
- Side-access chain tensioner
- See page 85 for information on other standard features

Optional Accessories

- 30° angled gearbox (4138 640 0201)
- HT carrier support system (4182 790 4400)

Powerful, fixed-length pole pruner for professionals.
Built in the USA from domestic and foreign parts and components.

HT 250

Professional
Fixed-Length Pole Pruner
Series 4134



Displacement	40.2 cc (2.45 cu. in.)
Engine Power	1.6 kW (2.15 bhp)
Weight*	6.0 kg (13.3 lbs.)
Fuel Capacity	640 cc (21.6 oz.)
Chain Oil Capacity	220 cc (7.4 oz.)
OILOMATIC® Chain / Guide Bar Size	3/8" STIHL PICCO™ Mini / 35.5 cm (14")

*Dry weight.

Note: The actual listed guide bar length can vary from the effective cutting length based on the gear head design.

Features

- Powered by a proven low-emission engine (See page 83.)
- IntelliCarb™ compensating carburetor
- Vertical-pleated air filter requires less maintenance, even in dirty conditions
- See page 85 for information on other standard features

Optional Accessories

- 30° angled gearbox (4138 640 0201)
- HT carrier support system (4182 790 4400)

***A fixed-length pole pruner with lots of power
for tough pruning jobs.***

Built in the USA from domestic and foreign parts and components.

KM SERIES KOMBIMOTORS

The STIHL KombiSystem is a family of multi-task tools comprised of a STIHL KombiMotor KM (gas) or KMA (battery) and numerous KombiSystem attachments. They offer great flexibility for occasional users, semi-professionals and professionals for tasks such as hedge trimming, edging, pruning, cleaning and cultivating. This system not only saves on storage and transportation space, it allows for significant cost savings as well. KombiSystem attachments are interchangeable between KM (gas) and KMA (battery) KombiMotors.



Note: KM Series KombiMotors and KombiSystem attachments are sold separately.

KM 56 RC-E

Homeowner Multi-Task Tool
Series 4144

Powered by a low-emission engine that features the STIHL Easy2Start™ (E) system.



STIHL[®]
Easy2Start™



**BUILT IN
USA**

KM 91 R

Homeowner Multi-Task Tool
Series 4180

Powered by a low-emission engine. A professional unit with a smaller displacement engine than the KM 111 R and KM 131 R.



**BUILT IN
USA**

KM 94 R

Professional Multi-Task Tool Series 4149

Powered by a low-emission 2-stroke engine. Excellent power-to-weight ratio with innovative ECOSPEED variable speed control.



KM 111 R

Professional Multi-Task Tool Series 4180

Powered by a low-emission engine. A professional unit with lower exhaust emissions.



KM 131 R

Professional Multi-Task Tool Series 4180

Powered by a low-emission engine. A professional unit with a larger displacement engine than the KM 91 R and KM 111 R. Paper air filter extends service life, especially in dusty, dirty conditions.



See page 277 for information on the KMA 130 R battery-powered KombiMotor.



All KM Series powerheads are built in the USA from domestic and foreign parts and components.

INTERCHANGEABLE KOMBI SYSTEM ATTACHMENTS

(FOR KM SERIES KOMBIMOTORS)

BF-KM MINI-CULTIVATOR

This lightweight cultivator is ideal for flower bed rejuvenation and mixing amendments into the soil.



BG-KM BLOWER

Powerful, lightweight, multi-stage axial blower quickly removes debris for outdoor cleanup projects.



FBD-KM BED REDEFINER

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

Not for use with KM 56 RC-E!



FCB-KM CURVED LAWN EDGER

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



FCS-KM STRAIGHT LAWN EDGER

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



FS-KM BRUSHCUTTER WITH 4-TOOTH GRASS BLADE

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



FS-KM LINE HEAD TRIMMER

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



FSB-KM CURVED-SHAFT TRIMMER

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

**Not for use with KM 130 R,
KM 131 R or KMA 130 R!**



NOTE! When using BF (cultivator), FH (power scythe), HL (hedge trimmer) attachments or FS (brushcutter) with grass blade attachment on the KM 55 R, KM 56 RC-E, KM 85 R, KM 90 R, KM 91 R, KM 110 R, KM 111 R, KM 130 R, KM 131 R, KMA 130 R and with a loop handle, barrier bar must be attached to the handle.

FH-KM 145° ADJUSTABLE POWER SCYTHE

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



HL-KM 0° STRAIGHT HEDGE TRIMMER

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



HL-KM 145° ADJUSTABLE HEDGE TRIMMER

Innovative locking design adjusts, letting you cut at different angles without the need for additional tools. Available with either 20" or 24" blade.



HT-KM POLE PRUNER

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



HT-KM SHAFT EXTENSION

When tall branches and shrubs are out of reach, this shaft extension lengthens the reach of your pole pruner attachment.



HT/HL-KM CFK SHAFT EXTENSION

A 37" carbon-fiber shaft extension for HT and HL applications. Extremely lightweight - less than 2 lbs.



KB-KM BRISTLE BRUSH

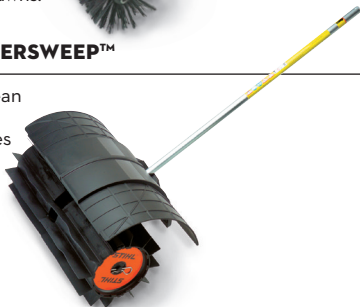
Durable nylon bristles and a 24" wide sweeping surface make this attachment great for quick work of big sweeping jobs.

Note: Do not use on grass lawns.



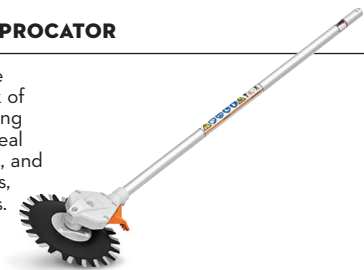
KW-KM STIHL POWERSWEEP™

Heavy-duty rubber flaps clean up caked dirt along roads and sidewalks, move pebbles and sand from grassy turf, and even remove water and light snow from hard, flat surfaces.



NEW! RG-KM RECIPROCATOR

Reciprocating action of the blades may reduce the risk of thrown objects while working in certain environments. Ideal for use in high-traffic areas, and around golf course bunkers, ponds, lakes or ditch banks.



KM KOMBIMOTOR SPECIFICATIONS

KombiMotor	Displacement	Engine Power	Weight*	Fuel Capacity
KM 56 RC-E	27.2 cc (1.66 cu. in.)	0.8 kW (1.07 bhp)	4.3 kg (9.5 lbs.)	340 cc (11.5 oz.)
KM 91 R	28.4 cc (1.73 cu. in.)	0.95 kW (1.27 bhp)	4.4 kg (9.7 lbs.)	710 cc (24.0 oz.)
KM 94 R	24.1 cc (1.47 cu. in.)	0.9 kW (1.2 bhp)	4.0 kg (8.8 lbs.)	540 cc (18.3 oz.)
KM 111 R	31.4 cc (1.9 cu. in.)	1.05 kW (1.4 bhp)	4.4 kg (9.7 lbs.)	710 cc (24.0 oz.)
KM 131 R	36.3 cc (2.2 cu. in.)	1.4 kW (1.9 bhp)	4.4 kg (9.7 lbs.)	710 cc (24.0 oz.)
KMA 130 R	–	–	3.2 kg (7.1 lbs.)	–

*Dry weight and powerhead only. See chart below for attachment weights.

KM KOMBISYSTEM ATTACHMENT WEIGHTS

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 with 4-Tooth Grass Blade	1.2 kg (2.6 lbs.) ³
FS-KM	Line Head 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 (4.7 lbs.)
HL-KM	0° Straight Hedge Trimmer	1.6 kg (3.5 lbs.)
HL-KM	145° Adj. Hedge Trimmer	2.3 kg (5.1 lbs.)
HT-KM	Pole Pruner	1.8 kg (4.0 lbs.) ⁴
KB-KM	Bristle Brush	6.4 kg (14.1 lbs.) ¹
KW-KM	STIHL PowerSweep™	7.4 kg (16.3 lbs.) ¹
RG-KM	Reciprocator	2.5 kg (5.5 lbs.)

¹ With deflector

² With cutting tool and deflector

³ Without cutting tool, without deflector

⁴ Without bar and chain

Note: Weights and lengths shown are for attachments only. See chart above for powerhead weights.

BG-KM AIR VOLUME AND AIR VELOCITY RATINGS

KombiMotor	Blowing Force (Newton)*	Avg. Air Velocity	Air Volume
KM 56 RC-E	16	59 m/sec. (133 mph)	845 m ³ /h (497 cfm)
KM 91 R	16	59 m/sec. (133 mph)	845 m ³ /h (497 cfm)
KM 94 R	16	59 m/sec. (133 mph)	845 m ³ /h (497 cfm)
KM 111 R	18	62 m/sec. (139 mph)	885 m ³ /h (521 cfm)
KM 131 R	21	68 m/sec. (152 mph)	965 m ³ /h (568 cfm)
KMA 130 R	15	58 m/sec. (130 mph)	815 m ³ /h (480 cfm)

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

MM 56 C-E YARD BOSS®

STIHL®
Easy 2 Start™

BUILT IN
USA

Homeowner
Multi-Task Tool
Series 4604



Displacement	27.2 cc (1.66 cu. in.)
Engine Power	0.85 kW (1.14 bhp)
Weight*	9.9 kg (21.8 lbs.)
Fuel Capacity	340 cc (11.5 oz.)
Tine Speed	200 rpm
Cultivating Width	8.5"
Pick Tine Diameter	9.1"

*Dry weight and powerhead/handles only.

Features

- All-in-one multi-tasking tool uses a single powerhead with any of a variety of switchable attachments
- Powered by a proven STIHL engine (See page 83.)
- Easy2Start™ system (E) (See page 24.)
- Convenient throttle/start/run/stop controls built into the handle
- Simplified three-step start procedure and a one-touch stop switch
- Handles fold for easy transport and storage
- Comes standard with BF pick-style tines to aggressively loosen soil

For optional attachments and accessories, see pages 174-175.

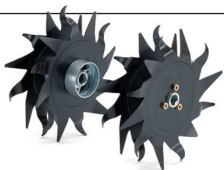
The same great features and benefits as the MM 55 C-E, but with more power and increased fuel capacity.

Built in the USA from domestic and foreign parts and components.

YARD BOSS® OPTIONAL ATTACHMENTS AND ACCESSORIES

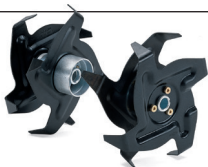
BF-MM PICK TINES CULTIVATOR ATTACHMENT

These pick-style tines break up weeds and hardened soil or mulch in the garden without disturbing nearby plants. All with exceptional control. This attachment is standard on the MM 56 C-E.



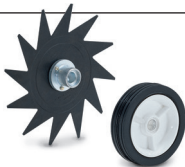
BK-MM BOLO TINES CULTIVATOR ATTACHMENT

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



FC-MM BED EDGER ATTACHMENT

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



FS-MM TRIMMER ATTACHMENT

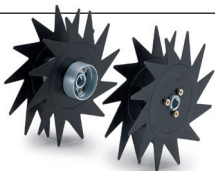
This attachment turns your MM 56 C-E into a wheeled trimmer. Great for knocking down heavy weeds and tough growth with the ease and comfort of no longer carrying your trimmer.

Note: This attachment must be used with Wheel Kit.



RL-MM LAWN AERATOR ATTACHMENT

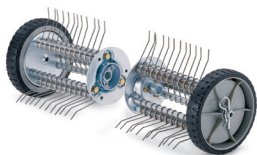
This attachment creates a series of slits into the soil of the lawn, allowing air, moisture, fertilizers and other nutrients to get to the roots.



MF-MM LAWN DETHATCHER ATTACHMENT

This dethatcher cleans your lawn by removing dead grass and other accumulated material, allowing more sunlight and nutrients into the soil.

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



KB-MM BRISTLE BRUSH ATTACHMENT

These durable nylon bristles and 24" wide sweeping surface make quick work of sweeping walkways and other paved surfaces.

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



KW-MM STIHL PowerSweep™ ATTACHMENT

Heavy-duty rubber flaps clean off dirt from roads and sidewalks, move pebbles and sand from grassy turf, and remove water and light snow from hard, flat surfaces.

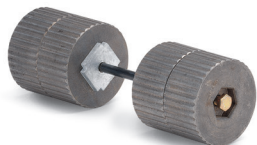
Note: This attachment must be used with large deflector and extensions.



MM WHEEL KIT



MM WHEEL KIT



MM DEPTH GAUGE



STIHL PRECISION SERIES™ HAND TOOLS

STIHL Precision Series™ Hand Tools are crafted with features that landscapers and arborists demand – like high-carbon tool steel blades that can be sharpened or replaced and strong lightweight handles with comfortable grips. They're built for long life and feature a limited lifetime warranty.

STIHL PRECISION SERIES™ POLE SAWS AND POLE PRUNERS

Saw heads and lopper attachments must be purchased separately.



PP 600 TELESCOPING POLE

Perfect for quickly cutting tree limbs of varying diameters and heights, where access with more than one tool is impractical. Lightweight aluminum pole has engineered box shaft design for minimal flex when fully extended. Pole extends for a working reach of over 10', and collapses to 4.5' for easy storage and transport. Saw heads and lopper attachments are available separately. Weight 3.3 lbs.

PP 800 TELESCOPING POLE

Designed for high-volume professional landscaping, where a variety of trees require precise pruning. Lightweight aluminum pole has engineered box-shaft design for minimal flex when fully extended. Pole extends for a working reach from 7.1' to over 18.4'. Saw heads and lopper attachments are available separately. Weight 4.7 lbs.

DANGER! Poles are NOT insulated! Risk of electrocution!



PP 900 STIHL POLE PRUNER

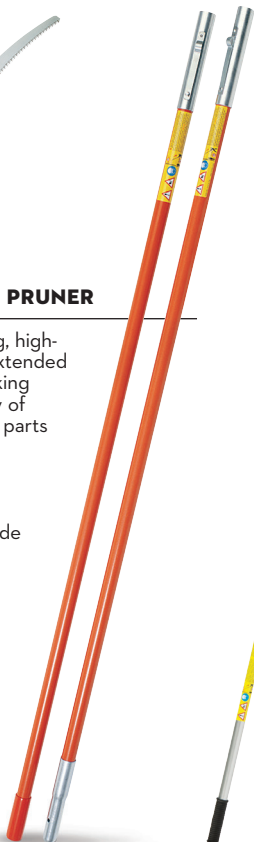
The ideal tools for demanding, high-volume tree work. Durable extended fiberglass poles with 12' working reach and a pruning capacity of 1-1/4" diameter. Replacement parts are available.

Included:

- Base pole and top pole
- Saw head with tri-edge blade
- Lopper head with 1-1/4" pruning capacity

Optional Accessories

- PS 75 saw blade
- PS 80 saw blade for larger trimming
- Extra extension pole increases working reach to 18'



PP 101 STIHL EXT. REACH PRUNER

A specialized tool for precision pruning of very high or wide shrubs and small tree branches. 7' capable reach with ergonomic 180° revolving arm for precise cutting angles. Power grip has remote blade lock.



DANGER! Poles are NOT insulated! Risk of electrocution!

STIHL PRECISION SERIES™ PRUNING SAWS

These precision tools use high-quality steel with high-tech cutting teeth to quickly and cleanly prune and cut.

PS 10 STIHL FOLDING SAW

6" straight blade folds and locks in open position. Recommended for cutting branches up to 2" in diameter.



PS 30 STIHL FOLDING SAW

7" curved blade for faster cutting. Quick-release folding blade locks in open and closed position. Soft grip for comfort. Recommended for branches up to 2" in diameter.



PS 40 STIHL PRUNING SAW

7" fixed blade with impulse-hardened teeth and comfort grip, easily cuts branches up to 2.5" in diameter. Composite sheath has thumb lock and belt loop.



PS 60 STIHL PRUNING SAW

9.5" fixed blade with impulse-hardened teeth and comfort grip is excellent for cold weather pruning. Composite sheath has thumb lock and belt loop. Recommended for branches up to 3" in diameter.



Note: Impulse-hardened blades cannot be sharpened.

PS 70 STIHL ARBORICULTURE SAW

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



PS 75 STIHL ARBORICULTURE SAW

High-quality 13" nickel plate curved blade with raker tooth and hook to keep blade in cut. Attaches to the PP 600, PP 800 or PP 900 poles. Weight 0.9 lbs.



PS 80 STIHL ARBORICULTURE SAW

Large 16" curved blade with hook to keep blade in cut. Has bark cutter to prevent tearing. Attaches to the PP 600, PP 800 or PP 900 poles. Weight 1.2 lbs.



PS 90 STIHL ARBORICULTURE SAW

Impulse-hardened 13" blade and ergonomically designed handle for serious professionals. Sheath has thumb lock and belt loop. 4" cutting capacity.



STIHL PRECISION SERIES™ HAND PRUNERS

Constructed from premium grades of hardened high-carbon tool steel. Hand pruners have marquench-hardened, chrome-plated, rust-resistant blades and feature inter-grip spring coil with urethane shock absorber. Nonslip grips are ergonomically shaped to minimize fatigue. Blades can be sharpened or replaced several times to regain optimal cutting performance.

PP 10 STIHL HAND PRUNER

Economy Grade

The value choice for landscapers with high hand-pruner consumption. Light-weight die-cast body. Sap clearance groove. Replaceable blade.



Optional
Leather Sheath

PP 30 STIHL HAND PRUNER

Mid-Range Grade

Designed specifically for smaller hands. Perfect for pruning twigs and medium-size stems. Lightweight. PVC-coated steel grips. Blades can be resharpened.



PP 40 STIHL HAND PRUNER

Mid-Range Grade

Longer, wider-opening blades allow efficient pruning of larger stems. Lightweight. PVC-coated steel grips. Blades can be resharpened.



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



Small hand



Medium hand



Large hand

PP 60 STIHL HAND PRUNER

Professional Grade

Perfect pruner for smaller hands, but able to tackle big jobs. The PP 60 has nonslip coated handles and a quick-release blade lock. Hard chrome-plated blades can be sharpened or replaced.



PP 70 STIHL HAND PRUNER

Professional Grade

Nearly indestructible, the PP 70 efficiently prunes larger twigs and stems but is precise enough for fine pruning. Top-quality blades stay sharp longer. Nonslip coated handles. Innovative quick-release blade lock. Replaceable blade.



PP 80 STIHL HAND PRUNER

Professional Grade

Same high-quality design as the PP 70, but with 1" longer handles for larger hands. Replaceable blade.

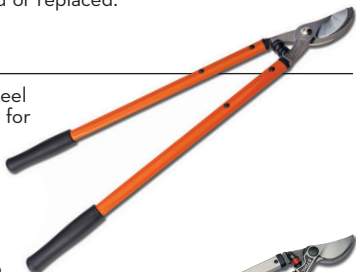


STIHL PRECISION SERIES™ LOPPERS & HEDGE SHEARS

High-strength, alloy-steel blades feature premium edges that are tough enough to withstand the most demanding applications. Cutting blade is angled to help prevent lopper from backing out during the cut. Blades are easily resharpened or replaced.

PL 5 STIHL LOPPER

Strong lightweight, tubular steel handles with contoured grips for comfortable use. 28" length with a 2" cutting capacity.



PL 10 STIHL LOPPER

Specially designed cutting head for vines and small branches. 1.25" cutting capacity. 24" aircraft aluminum handles.



PL 30 STIHL LOPPER

Makes quick work of pruning tree branches. 2" cutting capacity. 28" aircraft aluminum handles.



PL 40 STIHL LOPPER

32" aircraft aluminum handles give greater leverage. 2" cutting capacity.



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

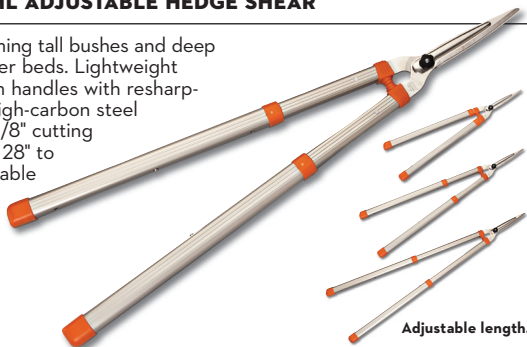
STIHL HEAVY-DUTY HEDGE SHEAR

For dense shrubs and hedges. Heavy-duty construction includes hardened center bolt, rust-resistant, cold-forged blades and solid oak handles. Curved blades can be resharpened. 3/8" cutting capacity. 22" overall length.



STIHL ADJUSTABLE HEDGE SHEAR

For trimming tall bushes and deep into flower beds. Lightweight aluminum handles with resharpenable high-carbon steel blades. 3/8" cutting capacity. 28" to 41.5" variable length.



STIHL PRECISION HEDGE SHEAR

Designed for professional manicuring and sculpting of shrubs, hedges and topiaries. Strong ergonomic handles with resharpenable and replaceable high-carbon steel blades. 3/8" cutting capacity. 25.7" overall length.



STIHL PRECISION AXES

HATCHETS

Woodcutter Hatchet

Excellent for splitting kindling and general use. High quality, durable and comfortable ash handle.

Pro Splitting Hatchet

Perfect for kindling and all-around camp use with premium ash wood handle with oversized neck. Drop-forged head with precision ground edge. Efficient splitting head contour for exceptional productivity.

Woodcutter Hatchet

Pro Splitting Hatchet



AXES

Woodcutter Forestry Axe

Lightweight axe with premium ash handle is ideal for felling, light-duty splitting and limbing.

Pro Universal Forestry Axe

Durable, lightweight axe features unique 5-piece head attachment system, premium C60 steel head and flared hickory handle.

Pro Splitting Axe

Lightweight splitting axe has German-forged head and hickory handle with protective steel sleeve.

Woodcutter Forestry Axe

Pro Universal Forestry Axe

Pro Splitting Axe



MAULS

Woodcutter Splitting Maul

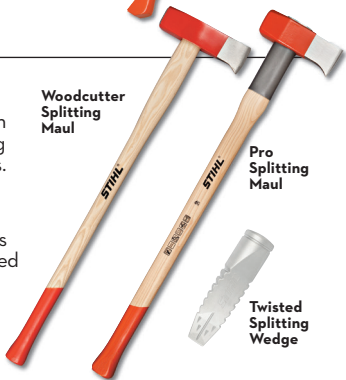
Durable splitting maul with drop-forged head and precision ground edge is ideal for driving wedges and splitting large logs.

Pro Splitting Maul

Premium maul with extra-large striking face for reduced misses and long steel sleeve for increased lifetime of handle.

Woodcutter Splitting Maul

Pro Splitting Maul



Twisted Splitting Wedge

STIHL LOGGING TOOLS

LOG CARRIER

Use this to transport large logs or fallen limbs. Hinged hooks with curved ends expand to firmly grip a variety of diameter logs. Textured rubber grip on each end.



HOKAROON

Use this to keep hands away when pulling pieces of wood from a saw mill conveyor or firewood processor. Textured rubber grip. Heat-treated, zinc-plated steel point.



LOG PEAVEY

Used to turn heavy logs or dislodge them from entanglements. The strong steel spike at the end gives greater control for moving logs.



CANT HOOK

Specially designed for gripping and moving logs. Features an extra-large, non-slip grip and heavy-duty shaft. Available in multiple sizes.



LOG STAND

Connects to a cant hook or log peavey for easy elevation of a log during cutting.



STIHL PRECISION SERIES™ HAND TOOL SPECIFICATIONS

Pole Pruners	PP 101	PP 600	PP 800	PP 900
Cutting Capacity				
- with Lopper	0.75"	1.25"	1.25"	1.25"
- with Saw Blade	-	4.0"	4.0"	4.0"
Blade Length	Pruners	12.0"	16.0"	13.0" or 16.0"
Blade Finish	CP	CP	CP	CP
Replaceable Blade	Yes	Yes	Yes	Yes
Pole Material	Aluminum	Aluminum	Aluminum	Fiberglass
Overall Length	7.0'	10.8' Max.	18.4' Max.	18.0' Max.*

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

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

*PS 75 and PS 80 require adapter to fit PP 900. Refer to STIHL Price Book for PP 900 lopper head attachment.

CN = Chemical Nickel CP = Hard Chrome-Plated

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

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

All STIHL Precision Series™ Hand Tools include a Limited Lifetime Warranty.

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

CP = Hard Chrome-Plated

Loppers	PL 5	PL 10	PL 30	PL 40
Cutting Capacity	2.0"	1.25"	2.0"	2.0"
Blade Shape	Offset	Offset	Offset	Offset
Blade Finish	Alloy Steel	Alloy Steel	Alloy Steel	Alloy Steel
Handle Material	Steel	Aluminum	Aluminum	Aluminum
Resharpenable Blade	Yes	Yes	Yes	Yes
Replaceable Blade	Yes	Yes	Yes	Yes
Weight	2.75 lbs.	2.1 lbs.	2.5 lbs.	2.7 lbs
Length	28.0"	24.0"	28.0"	32.0"

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

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

STIHL Cutquik® MACHINES

- COMMON TERMS

Semi-Automatic Belt Tensioner: With a simple turn of the wrench, the drive belt automatically adjusts to the required tension, preventing premature belt wear.

IntelliCarb™ Compensating Carburetor: Designed to automatically adjust fuel/air ratio when air filter becomes clogged and maintain engine's correct RPM.

ElastoStart™ Starter Handle: Exclusive starter grip with built-in shock absorber. A great comfort feature.

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



Electronically Controlled Fuel-Injection System: The fuel-injection system makes starting easier and more reliable by eliminating the carburetor choke. Just set the switch to on, prime and pull.



Wheel Guard Adjusting Lever: Used to adjust the guard in a way that directs the cutting debris away from the operator.

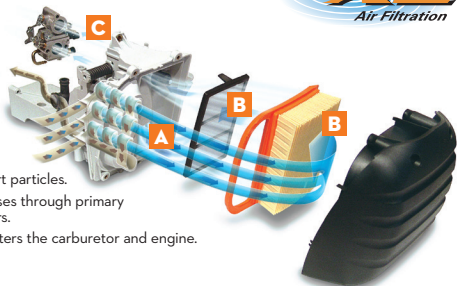
Clutch: Virtually 360° 3-shoe clutch couples the engine to the V-belt when engine is accelerated beyond engagement speed.

Thrust Washer: Distributes clamping pressure of mounting bolt evenly over abrasive wheel.

Wheel Guard: Partially covers the wheel and deflects abrasive debris away from the operator.

Wheel: Abrasive disc used to cut desired material. The two basic types, diamond and composite, are designed specifically for different materials. Check application charts on pages 196-199 for correct choice.

X2 Air Filtration System: A low-maintenance air filtration system that extends the filter life.



- A. Swirling motion at separation tunnels removes 80% of dirt particles.
- B. Pre-cleaned air passes through primary and secondary filters.
- C. 99.96% clean air enters the carburetor and engine.

TS 410 STIHL Cutquik®



Professional Cut-Off Machine Series 4238



Shown with optional
12" diamond wheel.

Displacement	66.7 cc (4.07 cu. in.)
Engine Power	3.2 kW (4.4 bhp)
Weight*	9.4 kg (20.7 lbs.)
Fuel Capacity	710 cc (24 oz.)
Engine Speed	9,000 rpm (Elec. Gov.)
Max. Spindle Speed	5,350 rpm
Arbor Size	20 mm (0.79")
Max. Wheel Size	300 mm (12")
Max. Cutting Depth	100 mm (3.9")

*Dry weight and includes water attachment and guard.

Features

- X2 low-maintenance air filtration system (See page 188.)
- Anti-vibration system reduces vibration up to 43% over previous models
- Powerful and fuel-efficient, low-emission engine
- Emissions reduced up to 44% compared to previous models
- Lightweight and well-balanced compact top handle design
- Semi-automatic belt tensioner
- Reversible cutting arm for inboard or outboard cutting

Optional Accessories

- TS Rental Kit (4238 670 3603)
- Portable Water Tank (0000 670 6000)
- Roller Wheel Kit (4224 007 1014)
- Mounting Kit and Cart available (See page 195.)

X2 air filtration and anti-vibration system make this machine easy to use and maintain.

TS 420 STIHL Cutquik®

Professional Cut-Off Machine
Series 4238



Shown with optional
14" diamond wheel.

Displacement	66.7 cc (4.07 cu. in.)
Engine Power	3.2 kW (4.4 bhp)
Weight*	9.6 kg (21.2 lbs.)
Fuel Capacity	710 cc (24.0 oz.)
Engine Speed	9,000 rpm (Elec. Gov.)
Max. Spindle Speed	5,350 rpm
Arbor Size	20 mm (0.79")
Max. Wheel Size	350 mm (14")
Max. Cutting Depth	125 mm (4.9")

*Dry weight and includes water attachment and guard.

Features

- X2 low-maintenance air filtration system (See page 188.)
- Anti-vibration system reduces vibration up to 43% over previous models
- Powerful and fuel-efficient, low-emission engine
- Emissions reduced up to 44% compared to previous models
- Lightweight and well-balanced compact top handle design
- Semi-automatic belt tensioner
- Reversible cutting arm for inboard or outboard cutting

Optional Accessories

- TS Rental Kit (4238 670 3603)
- Portable Water Tank (0000 670 6000)
- Roller Wheel Kit (4224 007 1014)
- Mounting Kit and Cart available (See page 195.)

Patented technology keeps the TS 420 working longer than previous units.

TS 440 STIHL Cutquik®

Professional Cut-Off Machine
Series 4238



Shown with optional
14" diamond wheel.

Displacement	66.7 cc (4.07 cu. in.)
Engine Power	3.2 kW (4.4 bhp)
Weight*	11.2 kg (24.7 lbs.)
Fuel Capacity	710 cc (24.0 oz.)
Engine Speed	9,000 rpm (Elec. Gov.)
Max. Spindle Speed	2,525 rpm
Arbor Size	20 mm (0.79")
Max. Wheel Size	350 mm (14")
Max. Cutting Depth	125 mm (4.9")

*Dry weight and includes water attachment and guard.

Features

- Equipped with exclusive STIHL Quickstop® with sensor-activated wheel brake that is designed to reduce the risk of injury when top of wheel is exposed
- Expanded wheel guard adjustability increases the utility of the machine in certain cutting situations
- Powerful and fuel-efficient, low-emission engine
- X2 low-maintenance air filtration system (See page 188.)
- Electronic water control remembers the last setting used

- Water flow stops at idle speed and starts automatically when throttle is engaged

Optional Accessories

- Portable Water Tank (0000 670 6000)
- Roller Wheel Kit (4224 007 1014)

Note: The 14" (20 mm) K-ME cutting wheel was developed specifically for the lower speeds of the TS 440. This wheel should not be used on other models. See page 199 for more information.

The powerful choice for limited access cuts.

TS 500i STIHL Cutquik®

Professional Cut-Off Machine
Series 4250



Shown with optional
14" diamond wheel.

Displacement	72.2 cc (4.41 cu. in.)
Engine Power	3.9 kW (5.2 bhp)
Weight*	10.2 kg (22.5 lbs.)
Fuel Capacity	725 cc (24.5 oz.)
Engine Speed	9,000 rpm (Elec. Gov.)
Max. Spindle Speed	5,350 rpm
Arbor Size	20 mm (0.79")
Max. Wheel Size	350 mm (14")
Max. Cutting Depth	125 mm (4.9")

*Dry weight and includes water attachment and guard.

Features

- Electronically controlled, fuel-injected engine provides optimum torque throughout the RPM range and incredible acceleration
- Simplified starting procedure with no choke
- Lightweight, compact and well-balanced design
- X2 low-maintenance air filtration system (See page 188.)
- Conveniently mounted keypad allows easy adjustment of water flow while cutting

- Water control remembers last water setting used
- Water flow stops at idle speed and starts automatically when throttle is engaged

Optional Accessories

- Portable Water Tank (0000 670 6000)
- Roller Wheel Kit (4224 007 1014)
- Mounting Kit and Cart available (See page 195.)

**Advanced engine technology provides high performance
in the toughest conditions.**

TS 700 STIHL Cutquik®



Professional Cut-Off Machine
Series 4224



Shown with optional
14" diamond wheel.

Displacement	98.5 cc (6.0 cu. in.)
Engine Power	5.0 kW (6.7 bhp)
Weight*	11.6 kg (25.6 lbs.)
Fuel Capacity	1200 cc (40.6 oz.)
Engine Speed	9,300 rpm (Elec. Gov.)
Max. Spindle Speed	5,350 rpm
Arbor Size	20 mm (0.79")
Max. Wheel Size	350 mm (14")
Max. Cutting Depth	125 mm (4.9")

*Dry weight and includes water attachment and guard.

Features

- X2 low-maintenance air filtration system (See page 188.)
- Powerful and fuel-efficient, low-emission engine
- Semi-automatic belt tensioner with innovative treaded belt
- Large, upright fuel tank opening with retainer and cap
- Sealed bearings with two-piece, precision-machined crankshaft
- 5-point advanced vibration control system
- Reversible wheel guard for inboard or outboard cutting

Optional Accessories

- TS Rental Kit (4238 670 3603)
- Portable Water Tank (0000 670 6000)
- Roller Wheel Kit (4224 007 1014)
- Mounting Kit and Cart available (See page 195.)

**With the X2 Long-Term Filtration System,
this machine is designed for extended service cutting.**

TS 800 STIHL Cutquik®

Professional Cut-Off Machine
Series 4224



Shown with optional
16" diamond wheel.

Displacement	98.5 cc (6.0 cu. in.)
Engine Power	5.0 kW (6.7 bhp)
Weight*	12.7 kg (28.0 lbs.)
Fuel Capacity	1200 cc (40.6 oz.)
Engine Speed	9,300 rpm (Elec. Gov.)
Max. Spindle Speed	4,600 rpm
Arbor Size	20 mm (0.79")
Max. Wheel Size	400 mm (16")
Max. Cutting Depth	143 mm (5.6")

*Dry weight and includes water attachment and guard.

Features

- X2 low-maintenance air filtration system (See page 188.)
- Powerful and fuel-efficient, low-emission engine
- Semi-automatic belt tensioner with innovative treaded belt
- Large, upright fuel tank opening with retainer and cap
- Sealed bearings with two-piece, precision-machined crankshaft
- 5-point advanced vibration control system
- Reversible wheel guard for inboard or outboard cutting

Optional Accessories

- TS Rental Kit (4238 670 3603)
- Portable Water Tank (0000 670 6000)
- Roller Wheel Kit (4224 007 1014)
- Mounting Kit and Cart available (See page 195.)

**Does the job of large walk-behind machines.
Deep cutting 16" wheel.**

STIHL Cutquik® CART



Shown with optional water tank, mounting kit and cutting guide arm. Each sold separately.

Features

- Specially designed for matched cutting performance with the TS 410, TS 420, TS 500i, TS 700 & TS 800
- High-impact resistant wheels with sealed ball bearings
- Handle-mounted depth control lever
- Automatic “return to idle” handle release

Optional Accessories

- Portable Water Tank (4224 007 1009)
- Cutting Guide (4205 007 1009)
- Base Cart (4224 710 1403)

- Mounting kit
 - TS 410, TS 420, & TS 500i (4250 790 0700)
 - TS 700 & TS 800 (4224 790 0705)

Note: The base cart can be used with all current TS models (Except TS 440). Each TS model requires a specific mounting kit. Base cart requires assembly and water tank, mounting kit and cutting guide arm are sold separately.

STIHL DIAMOND WHEELS

STIHL diamond wheels are ideal for high-speed cutting of the most demanding materials at your worksite. Their service life can be as much as 200 to 400 times that of an ordinary abrasive wheel. They feature:

- Only high-quality diamonds for superior cutting performance
- Computer-controlled diamond segment concentration for exceptional durability
- Optimal gullet design for maximum life
- 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



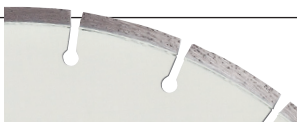
D-BA CONCRETE/ASPHALT WHEELS

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



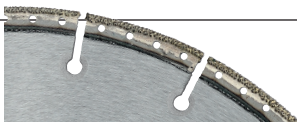
D-B CONCRETE WHEELS

- Available in three grades
- Available in 12", 14" and 16" (20 mm arbor)
- Available in 9" (7/8" 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 14" and 16" (20 mm arbor)

12" discontinued.
Available while supplies last!



DIAMOND WHEEL APPLICATION GUIDE

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

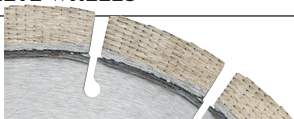
● Approved ○ Not Approved

*Compared to other STIHL wheels with a rating of 1-6.

**Approved with restrictions - not for permanent use in this material.

D-X HARD STONE/CONCRETE WHEELS

- 9" (7/8" arbor)
 - 12" and 14" (20 mm arbor)
- 12" and 14" wheels with 20 mm arbor are discontinued. Available while supplies last!**
- Features diamonds precisely aligned in the bond matrix for fast cutting speed and longer life.



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!

STIHL ABRASIVE WHEELS

STIHL abrasive cutting wheels have engineered compositions and specific degrees of bond hardness to maximize their 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
- Advanced manufacturing production facilities to ensure exceptional cutting consistency, wheel after wheel

K-BA MASONRY

- Available in 14"
- 20 mm

12" and 16" discontinued. 1" arbor discontinued.
Available while supplies last!



K-DG ASPHALT AND DUCTILE IRON

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

1" arbor discontinued. Available while supplies last!



K-ME METAL

- Three different wheels available in these sizes:
- 12", 14" and 16" wheels with 20 mm or 1" arbor (TS 410, 420, 500i, 700 and 800 only.)
- 9" wheel with 7/8" arbor (TSA 230 only)



K-BA WET CUTTING

- Available in 14"
- 20 mm or 1" arbor
- For cutting concrete, stone and brick with water. Cutting speed is comparable to standard abrasive wheels but with up to a 30% higher lifetime.



WARNING: These wheels are **NOT** for use with the TS 440. For the TS 440, use the K-ME metal (14" - 20 mm) wheel.

ABRASIVE WHEEL APPLICATION GUIDE

		K-BA Masonry	K-DG Asphalt / Ductile Iron	K-ME Metal	K-ME Metal (TS 440 Only)	K-ME Metal (TSA 230 Only)	K-BA Wet Apps.
Cutting Rate*							
Wheel Lifetime*							
MAX. RPM	9" - TSA 230	-	-	-	-	6,650	-
	12" - TS 410	6,400	6,400	6,400	-	-	-
	14" - TS 420, 500i, 700	5,500	5,500	5,500	-	-	5,500
	14" - TS 440	-	-	-	3,450	-	-
	16" - TS 800	4,800	4,800	4,800	-	-	-
APPLICATIONS	Asphalt	○	●	○	○	○	○
	Green Concrete	●	○	○	○	○	●
	Cinder Block	●	○	○	○	○	●
	Brick	●	○	○	○	○	●
	Masonry	●	○	○	○	○	●
	Concrete Slab	●	○	○	○	○	●
	Concrete	●	○	○	○	○	●
	Non-Ferrous Material	●	○	○	○	○	○
	Rebar	○	○	●	●	●	○
	Ductile Iron	○	●	●	●	●	○
	Structural Steel	○	○	●	●	●	○
Stainless Steel	○	○	○	○	●	○	

● Approved ○ Not Approved

*Compared to other STIHL wheels with a rating of 1-5.

K-ME METAL (TS 440 ONLY)

- Available in 14"
- 20 mm
- Designed for TS 440 only.



WARNING: The K-ME metal wheel (14" - 20 mm) is for use with the TS 440 only. Do not use the K-ME metal wheel (14" - 20 mm) on other cutting machines.

GS 461 ROCK BOSS®

Professional Concrete Cutter Series 4252



Displacement	76.5 cc (4.67 cu. in.)
Engine Power	4.3 kW (5.8 bhp)
Weight*	7.6 kg (16.8 lbs.)
Fuel Capacity	780 cc (26.4 oz.)
Diamond Abrasive Chain	3/8" 36 GBM
Guide Bar Lengths (Recommended ranges)	40 cm (16") STIHL ROLLOMATIC® G

*Dry weight and powerhead only.

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

Features

- Diamond abrasive chain for cutting concrete
- Cutting depth up to 15.7" (40 cm) with 16" guide bar
- Fuel-efficient, low-exhaust emission engine
- Rubber guard protects powerhead from hard concrete and deflects water
- Lightweight, compact design with high power-to-weight ratio
- Long-lasting filter system using 2-stage, HD-2 filtration system
- Side-access chain tensioner
- Bayonet-style filler cap for upright refueling
- Water flow adjustment mounted directly on unit

- Guide bar and sprocket cover direct water away from the operator
- Captive bar mounts don't fall off when the sprocket is removed

Optional Accessories

- Cut Guide (4252 660 0900)
- Economy Chain: 36 GBE 64 (3211 000 0064)
- General Purpose Chain: 36 GBM 64 (3210 000 0064)
- STIHL ROLLOMATIC® Guide Bar: 40 cm (16") (3006 000 1213)

Lightweight, easy to maneuver, fast-cutting concrete cutter for deep cutting and cutting corners.

RB 200

Homeowner
High Pressure Washer
Series 4789



Displacement	173 cc (10.6 cu. in.)
Engine Power	3.7 kW (5.0 hp)
Weight*	28.3 kg (62.5 lbs.)
Fuel Capacity	1.4 L (1.5 qt.)
Water Pressure	2,500 psi
Water Flow	520 L/h (2.3 gpm)
Cleaning Units	5,750
Hose Length	25'

*Dry weight

Features

- Easy Start Pump System relieves pump pressure to make pull starts easy and smooth
- Stainless steel pump pistons and valves
- Detergent injector system makes application of detergents easy
- Spray gun with rubberized reverse pull trigger minimizes effort
- 25 ft. ultra-flexible, kink-resistant hose
- Handle folds for compact transport or storage

Optional Accessories

- A wide range of accessories and cleaners are available. (See pages 205-207.)

Convenient, powerful and easy to use with high-quality components for cleaning jobs around the house and garden.

RB 400 DIRT BOSS®

Farm & Ranch
High Pressure Washer
Series 4790



Displacement	196 cc (12.0 cu. in.)
Engine Power	4.8 kW (6.5 hp)
Weight*	40.8 kg (90.0 lbs.)
Fuel Capacity	3.6 L (3.8 qt.)
Water Pressure	2,700 psi
Water Flow	620 L/h (2.7 gpm)
Cleaning Units	7,290
Hose Length	25'

*Dry weight

Features

- High-power, commercial-grade engine delivers optimal performance
- Engine features durable cast iron liner, and low oil shutdown that helps prevent engine damage if oil is low
- Easy Start Pump System relieves pump pressure to make pull starts easy and smooth
- Detergent injector system for cleaning jobs
- Ceramic-coated pump pistons, brass manifold and stainless steel valves for product longevity
- 25 ft. ultra-flexible, kink-resistant hose
- Handle folds for compact transport or storage

Optional Accessories

- A wide range of accessories and cleaners are available. (See pages 205-207.)

Powerful, high-performance and easy to use. Designed with high-quality, durable components for tough cleaning jobs.

RB 600

Professional
High Pressure Washer
Series 4791



Displacement	208 cc (12.7 cu. in.)
Engine Power	5.2 kW (7.0 hp)
Weight*	53.5 kg (118.0 lbs.)
Fuel Capacity	4.0 L (4.2 qt.)
Water Pressure	3,200 psi
Water Flow	680 L/h (3.0 gpm)
Cleaning Units	9,600
Hose Length	40'

*Dry weight

Features

- High-power, commercial-grade engine features durable cast iron liner, and low oil shutdown that helps prevent engine damage if oil is low
- Easy Start Pump System relieves pump pressure to make pull starts easy and smooth
- Ceramic-coated pump pistons, brass manifold and stainless steel valves for product longevity
- 40 ft. high-pressure, steel-braided hose
- Adjustable pressure regulator
- Detergent injector system
- Spray gun has dual-handle design for increased comfort and control, and rubberized reverse pull trigger minimizes effort
- Cage frame protects motor and pump in tough environments

Optional Accessories

- A wide range of accessories and cleaners are available. (See pages 205-207.)

Powerful, commercial-grade pressure washer with durable, high-quality components for use in professional applications.

RB 800

Professional
High Pressure Washer
Series 4792



Displacement	429 cc (26.2 cu. in.)
Engine Power	10.5 kW (14.0 hp)
Weight*	76.2 kg (168.0 lbs.)
Fuel Capacity	7.0 L (7.4 qt.)
Water Pressure	4,200 psi
Water Flow	910 L/h (4.0 gpm)
Cleaning Units	16,800
Hose Length	50'

*Dry weight

Features

- High-power, commercial-grade engine features durable cast iron liner, and a "low oil" shutdown to help prevent engine damage
- Easy Start Pump System relieves pump pressure to make pull starts easy and smooth
- Solid ceramic pump pistons, brass manifold and stainless steel valves for product longevity
- 50 ft. high-pressure steel-braided hose
- Adjustable pressure regulator
- Detergent injector system for cleaning jobs
- Spray gun has dual-handle design for increased comfort and control, and rubberized reverse pull trigger minimizes effort
- Cage frame protects motor and pump in tough environments

Optional Accessories

- A wide range of accessories and cleaners are available. (See pages 205-207.)

Powerful, commercial-grade pressure washer designed and built for extensive use in professional applications.

OPTIONAL RB HIGH PRESSURE WASHER ACCESSORIES

Choose the accessories you need for the cleaning task you have. Match the accessory to the pressure washer using the chart on page 207.



Rotating Nozzle 3000 psi

Rotating zero-degree nozzle for aggressive cleaning of stubborn stains.



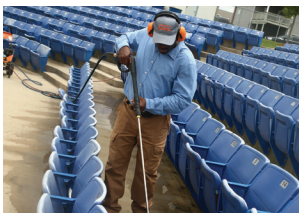
Rotating Nozzle 5100 psi

Rotating zero-degree nozzle for aggressive cleaning of stubborn stains.



25' High-Pressure Hose Extension

Ultra flexible high-pressure hose is easy to coil and resists tangling and kinking. It can be used as a replacement or extension hose.



50' High-Pressure Hose Extension

Steel-braided high-pressure hose can be used as a replacement or as an extension hose.



Gutter Cleaner

The gutter cleaner allows you to clean the inside of a gutter from the ground.



Pivot Coupler

Adjusts to 3 different angles for hard-to-reach areas.



Water Broom

Wash large surfaces quickly, such as decks, sidewalks and driveways.



Rotary Surface Cleaner

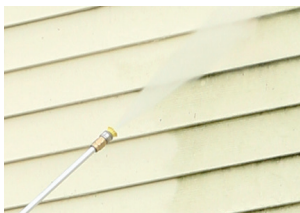
Clean large surfaces quicker and easier. Ideal for sidewalks and driveways.

Tip: Follow up with the water broom for quick cleanup.



Multi-Function Nozzle

6 spray patterns, 0, 15, 25, 40, Soap and Rinse in one nozzle.



Deck and House Wash

Ideal for removing mildew stains and chalk buildup on paint.



Aluminum 48" Spray Lance Extension

An extra 4' of reach with this lightweight aluminum spray lance.



Long-Range Detergent Nozzle

Apply detergent to hard-to-reach levels.

RB SERIES PRESSURE WASHER ACCESSORIES

Item	Connector	Fits Model(s)	Part Number
25 ft. High Pressure Hose Extension	M22	RB 200, 400	4925 500 0817
40 ft. High Pressure Hose Extension	QC	RB 600	4925 500 0809
50 ft. High Pressure Hose Extension	QC	RB 600, 800	4925 500 0811
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	4789 500 6700
2.7 Detergent Nozzles (3-Pack - 15°, 25°, 65°)	QC	RB 200	4789 007 1000
3.0 Detergent Nozzles (5-Pack - 0°, 15°, 25°, 40°, 65°)	QC	RB 400	4790 007 1000
3.3 Detergent Nozzles (5-Pack - 0°, 15°, 25°, 40°, 65°)	QC	RB 600	4791 007 1000
3.7 Detergent Nozzles (5-Pack - 0°, 15°, 25°, 40°, 65°)	QC	RB 800	4792 007 1000
Long-Range Detergent Nozzle	QC	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	7010 871 0274
Deck and House Wash	-	RB 200, 400, 600, 800	7010 871 0275
Heavy-Duty Degreaser	-	RB 200, 400, 600, 800	7010 871 0276
30W Pump Oil - Non-Detergent, 1 L	-	RB 400, 600, 800	0797 210 3006
10W/30 Tech4Plus Engine Oil	-	RB 200, 400, 600, 800	7010 319 0001
Winterization Kit	-	RB 200, 400, 600, 800	0797 010 2058

Note: RB and RE accessories are not interchangeable.

BT 45

Professional Wood Boring Drill Series 4314



Bits not included.

Displacement	27.2 cc (1.66 cu. in.)
Engine Power	0.8 kW (1.07 bhp)
Weight*	4.8 kg (10.5 lbs.)
Fuel Capacity	250 cc (8.5 oz.)
Drill Speed	1st Gear: 663 rpm 2nd Gear: 1,972 rpm Reverse: 590 rpm

*Dry weight and powerhead only.

Features

- Gasoline-powered engine lets you work outdoors without electrical power
- Dependable, powerful and light-weight engine features primer bulb and throttle lock for easy starting, easy-access air filter, electronic ignition, exclusive toolless fuel cap, two-ringed piston, and compact, streamlined ergonomic design
- Anti-vibration system for comfortable use
- Two-speed gearbox plus reverse gear and neutral position
- Toolless chuck accepts 1/2" drive bits up to 1" in diameter
- Friction clutch is designed to slip if bit stalls
- Balanced design with well-spaced handles
- Front handle is easily adjustable (360° rotation)
- Can be converted to planting auger with kit

Optional Accessories

- Carry strap and snap strap accessories (4314 710 6500)
- Available tool bits: 1/2"x12-1/2", 3/4"x18", 7/8"x18", 1"x18"
- Core Drill Adapter expands capabilities to include drilling holes up to 6" diameter in concrete for a variety of applications (4314 007 1006)

Ideal for building or repairing docks and bulkheads, fences, outbuildings, retaining walls and other structures where electricity is not available.

Built in the USA from domestic and foreign parts and components.

BT 45

Professional Earth Auger Drill Series 4314



*Not for rocky, compacted soil
or drilling large post holes.*



Displacement	27.2 cc (1.66 cu. in.)
Engine Power	0.8 kW (1.07 bhp)
Weight*	4.8 kg (10.5 lbs.)
Fuel Capacity	250 cc (8.5 oz.)
Drill Speed	1st Gear: 663 rpm 2nd Gear: 1,972 rpm Reverse: 590 rpm

*Dry weight and powerhead only.

Features

- Gasoline-powered engine lets you work outdoors without electrical power
- Dependable, powerful and light-weight engine features primer bulb and throttle lock for easy starting, easy-access air filter, electronic ignition, exclusive toolless fuel cap, two-ringed piston, and compact, streamlined ergonomic design
- Anti-vibration system for comfortable use
- Two-speed gearbox plus reverse gear and neutral position
- Adapter accepts threaded "Bosch"-style bits
- M14 adapter accepts: 3", 4", 5" bits
- Friction clutch is designed to slip if bit stalls
- Balanced design with well-spaced handles
- 360° rotating front handle
- Can be converted to wood drill with kit

Optional Accessories

- Carry strap and snap strap accessories (4314 710 6500)

Small, specialized auger for mass flower plantings, small post and sign holes, or deep root fertilization.

Built in the USA from domestic and foreign parts and components.

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.

Discontinued. Available while supplies last.



**Light-Duty
Paint Mixer**
7010 871 0305



**Heavy-Duty
Paint Mixer**
7010 871 0306



**Mortar
Mixer**
7010 871 0307



**Joint
Compound
Mixer**
7010 871 0308

BT 131

Professional
Earth Auger
Series 4313



Bits not included.

Displacement	36.3 cc (2.2 cu. in.)
Engine Power	1.4 kW (1.9 bhp)
Weight*	10.0 kg (22.0 lbs.)
Fuel Capacity	710 cc (24.0 oz.)
Drilling Gear Speed	200 rpm
Gear Reduction	47.5:1
Torque (Engine)	1.7 Nm (1.25 ft./lb.)
Torque (Auger)	81.0 Nm (60.0 ft./lb.)

*Dry weight and powerhead only.

Features

- Powered by a fuel-efficient, low-emission engine (See page 83.)
- Same benefits as the BT 130 plus more
- Larger fuel tank provides 30% longer run times as compared to previous models
- Easier starting procedure
- Servicing time for valve clearance adjustment reduced by 50%
- STIHL auger brake stops the wheel from turning when the auger hits hard underground impediments

Optional BT 131 Accessories

Earth Auger Bits

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

Planting Auger Bits

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

Other Accessories

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

Professional earth auger with easy starting procedure and STIHL auger brake.

Built in the USA from domestic and foreign parts and components.

CHAIN SAW PROTECTIVE APPAREL

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.



We offer three styles of protective clothing, head and ear protection, as well as glasses and gloves.

ProMark™

Pro Mark™ Protective Apparel is best paired with Professional STIHL units. This line of PPE is designed for professional users, helping protect against injuries they may face during frequent use.

Dynamic Protective Apparel is designed for paired use with Farm & Ranch STIHL units. This line of PPE is ideal for users focusing on both personal and work-related tasks.

Function Protective Apparel is ideal for paired use with any of your Homeowner STIHL units. While designed for the occasional user, it still meets and beats the standards required for PPE!

ProMark™

AVERTIC®



STIHL Pro Mark™ Cut-Retardant Shirt

Made of high-visibility orange polyester with multiple layers of protective Avertic® Pro by Engtex® cut-retardant material sewn into the sleeves and shoulders. Mesh body and vented back lets air circulate.

Engtex® Cut-Retardant Material

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



WARNING FOR CORDED ELECTRIC AND BATTERY CHAIN SAW USERS! The fibers may not stop the sprocket on most corded electric chain saws and some battery-powered chain saws because of the constant high torque. However, to reduce the severity of injury from accidental contact with the chain, STIHL recommends that leg protection be worn when operating these types of chain saws.



AVERTIC[®]

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.

Meets protection for chain saw operators OSHA Reg. 1910. 266.

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 nylon and all pants have elasticized waists, belt loops and suspender buttons for a secure fit. Plus, each have back pockets, side pockets and a deep front cargo pocket. Sizes small to extra large.

Meets protection for chain saw operators OSHA Reg. 1910. 266.

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



STIHL Hearing Protectors

Low profile with premium components for long life. Soft, padded, comfortable, wide headband maintains consistent pressure throughout the workday. Height adjustment is simple without projecting parts. Various Noise Reduction Ratings (NRR) available 21, 23, 25 and 29. Meets ANSI S3.1974 standards.



ADVANCE X-TREEm Harness

Professionals know that when using a professional brushcutter or clearing saw, it is essential to maintain user comfort. The ADVANCE X-TREEm Forestry Harness provides added relief for the back and joints, allowing the user to work for long periods of time when performing brushcutting, clearing, shredding, and mowing tasks. A quick-release mechanism allows easy detachment of tools for increased utility and maneuverability.

STIHL Advance X-Vent Helmet System

The STIHL Advance X-Vent Helmet System features advanced technology and a modern design for professional users. The six-point suspension headband provides a secure and comfortable fit and the large etched stainless steel face shield offers excellent light transition. NRR 25 Class C.



STIHL Pro Mark™ Helmet System

The STIHL Pro Mark™ Helmet System is a quality helmet system with premium features for all chain saw and pole pruner users. A slim design profile reduces the risk of snagging and NRR 25 hearing protectors provide protection when operating chain saws and pole pruners.



STIHL Function-Basic Helmet System

The STIHL Function-Basic Helmet System is economically priced and excellent for occasional users. Designed for comfort, the vented shell circulates cool air. The six-point, pinlock-adjust suspension headband provides shock absorption and a comfortable fit. NRR 22 Class C.



STIHL Forestry Helmet System

The STIHL Forestry Helmet System's hard shell is made of ABS thermoplastic and features a six-point, ratchet-style suspension system to absorb shock and keep the helmet stable. A Cool Guard sweatband helps to keep perspiration out of your eyes and adjustable hearing protectors comfortably reduce noise. NRR 24 Class G.



STIHL Arborist Helmet

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



STIHL Construction Hard Hat System

The STIHL Construction Hard Hat System combines first-class durability and comfort with the same features as the standard helmet, including the Cool Guard sweat band. Adjustable hearing protection helps reduce jobsite noise while a clear PETG full-face shield helps keep your face protected from flying debris. NRR 24.



PROTECTIVE GLOVES



Anti-Vibration Gloves

Reduced vibration from handheld machines for increased comfort. Meets ISO 10819:1996 and ANSI S2.73 standards. TRm of 0.72 and TRn of 0.55. Sizes: L, XL



Cotton Candy Gloves

Breathable spandex back for comfort and flexibility. PVC "grippy" fingers. Foam palm padding and elastic wrist. Sizes: S, M



General Purpose Gloves

Copper-based conductive tips make fingers touchscreen-friendly. Polyurethane fabric enhances grip. Stretch spandex back for comfort and flexibility. Sizes: M, L, XL



Great Grip Gloves

Micro-polymer grip pattern. Great value. Stitched fabric/elastic wrist. Sizes: M, L, XL



Heavy-Duty Work Gloves

Durable goat leather. Multi-ply wrist cuff. High visibility canvas back. Sizes: M, L, XL



High-Performance PRO Gloves

Elastic slip-on cuffs. Padded palms and knuckle guards. Reinforced PVC grip overlays. Sizes: M, L, XL



NEW! Hunter's Camo Gloves

Touchscreen-friendly synthetic leather palm. Reinforced thumb crotch, with ANSI Level 3 abrasion resistance. Sizes: L, XL



Landscaper Series Gloves

Deerhide leather. Naturally soft. Excellent sense of touch/feel. Sizes: S, M, L, XL



Meshback Gloves

Air mesh nylon back with reflective piping, padded grain goatskin palm, neoprene knuckle padding and cuff. Brow wipe to help wipe away perspiration. Hook and loop closure. Sizes: M, L, XL



Outdoor PRO Gloves

High-quality synthetic leather. Comfortable, durable and lightweight. Padded knuckle and finger area. Sizes: M, L, XL



Proscaper Series Gloves

Premium boarskin. Padded palm, elastic back. Custom-fit wrist strap. Sizes: M, L, XL



Pruning Gloves

Premium grain cowhide with keystone thumb for better fit and comfort. Open extended cuff protects wrist and forearm and fits over jacket sleeve. Sizes: L, XL



STIHL HomeScaper Series™ Gloves

Soft/durable goat leather. Super comfort and gripping ability. Sizes: S, M, L, XL



STIHL Mechanic Style Gloves

Comfortable, high dexterity, synthetic leather glove. Stretchable, spandex back and padded knuckle area. Textured, reinforced fingers and palm for increased grip, durability and extended wear. Sizes: M, L, XL



STIHL TIMBERSPORTS® Series Gloves

Official competitor gloves. High-performance wrist closure. Sport styled. Sizes: M, L, XL



Value PRO Gloves

Durable pigskin base. Cowhide-padded palm. Open cuff. Sizes: M, L, XL



Value Work Gloves

Good abrasion resistance for most outdoor tasks. Durable split cowhide palm with comfortable breathable mesh back. TPR wrist closure. Sizes: M, L, XL



Work Gloves

Premium goat-skin leather. Breathable knit back/wrist. Durable but soft palm and finger tips. Size: One size fits most.

PROTECTIVE GLASSES

All glasses meet ANSI standard Z87.1.



Black Work Glasses

Lens: Grey, Blue Mirror, Silver Mirror



Blue Mirror Glasses

Frame: Blue, Red



Cotton Candy Glasses

Lens: Smoke, Clear



NEW! Deputy II Glasses

Lens: Ice Blue Mirror, Forest Grey



Black Widow Glasses

Lens: Indoor/Outdoor Mirror, Smoke Mirror



Black Wrap Glasses

Lens: Smoke, Gold Mirror, Silver Mirror



Camo Glasses

Lens: Bronze Smoke, Yellow



Deputy Glasses

Lens: Smoke, Blue Mirror, Brown Mirror



Frosty Glasses

Lens: Blue Mirror, Silver Mirror



Gridiron Glasses

Lens: Silver Mirror, Clear, Smoke



Hunter's Camo Glasses

Lens: Gold Mirror



Sleek Line Glasses

Lens: Orange, Smoke, Mirror, Yellow



STIHL HellRaiser™ Glasses

Lens: Blue Mirror, Smoke



Two-Tone Sport Glasses

Lens: Smoke, Silver Mirror



Hellfire Glasses

Lens: Gold Mirror, Silver Mirror, Smoke



Patterned Frame Glasses

Lens: Smoke, Green Mirror, Silver Mirror



NEW! Sleek Line II Glasses

Lens: Smoke, Blue Mirror



STIHL TIMBERSPORTS® Series Glasses

Official protective glasses of the STIHL TIMBERSPORTS® Series. Platinum styled frames with smoked mirror optical-grade lens.



Two-Tone Work Glasses

Lens: Smoke, Silver Mirror



Ultra Light Glasses

Lens: Smoke



NEW! Adjustable Goggles

Lens: Smoke



STIHL Pro Mark™ Goggles

Lens: Smoke, Clear



Ultra Flex Glasses

Brown Frame - Lens: Brown
Black Frame - Lens: Smoke, Mirror,
Blue Mirror



White Ice Glasses

Lens: Blue Mirror, Orange Mirror,
Silver Mirror



ProPack

Convenient landscaper 4-pair crew pack. Includes 2 pairs of glasses with smoke lenses and 2 pairs of glasses with clear lenses.

APPAREL AND ACCESSORIES PART NUMBERS

Chain Saw Protective Apparel	Small	Medium
Dynamic Protective Mitts	0000 886 1100	0000 886 1101
Pro Mark™ “Dynamic” Protective Gloves	7010 883 1500	7010 883 1501
Pro Mark™ Cut-Retardant Shirt	0000 886 3516	0000 886 3517
Dynamic Winter Protective Pants - 6 layer	0797 901 0001	0797 901 0002
Function Denim Protective Pants / Denim - 6 layer	0000 886 0745	0000 886 0746

Chain Saw Protective Apparel	32" Length	36" Length
Dynamic Apron Chaps / Orange - 6 layer	0000 886 3201	0000 886 3202
Dynamic Apron Chaps / TrueTimber® Camo - 6 layer	0463 092 0101	0463 092 0201
Dynamic Bib Chaps / TrueTimber® Camo - 6 layer		
Dynamic Hi-Vis Apron Chaps - 6 layer	7010 884 0827	7010 884 0828
Dynamic Zip Chaps / Orange - 6 layer	7010 884 0815	7010 884 0816
Pro Mark™ Apron Chaps / Orange - 9 layer	0000 886 3904	0000 886 3905
NEW! Pro Mark™ Apron Chaps / Navy - 9 layer		7010 871 1217
Pro Mark™ Hi-Vis Zip Chaps - 9 layer	7010 884 0819	7010 884 0820
Pro Mark™ Wrap Chaps / Orange - 9 layer		0000 886 3907
Skidder Bib Chaps / Orange - 6 layer	0797 901 0012	0797 901 0013
Function Apron Chaps / Black - 6 layer	7010 884 0800	0797 333 9200
Function Zip Chaps / Black - 6 layer	7010 884 0823	7010 884 0824
Dynamic Wrap Chaps / Orange - 6 layer		0000 886 3204

Non-Protective Apparel	Small	Medium
Chapron		
Forestry Tool Vest		
Reflective Safety Vest		7010 884 0600
Shop Apron		
Function Winter Shirt	0797 333 9115	0797 333 9116
Function Work Shirt / Orange	0797 333 9105	0797 333 9106
Function Work Shirt / Orange/Denim	0797 333 9100	0797 333 9101

Hearing Protection	
Basic Hearing Protector HP 23	7010 884 0503
Camouflage Hearing Protector	0000 884 0513
Cotton Candy Hearing Protector	7010 884 0507
Dynamic BT Hearing Protector	0000 884 0519
Orange Hearing Protector	0000 886 0402
Pro Mark™ Hearing Protector HP 29	7010 884 0502
Tune-Up Headphone Radio HP 25 R	7010 884 0501
NRR 27 Reusable Ear Plugs	7010 884 0401
NRR 32 Foam Ear Plugs	7010 884 0404

Large	X-Large	XX-Large	XXX-Large	XXXX-Large
0000 886 1102	0000 886 1103			
7010 883 1502	7010 883 1503	7010 883 1504		
0000 886 3518	0000 886 3519	0000 886 3520	0000 886 3521	7010 886 3522
0797 901 0003	0797 901 0004			
0000 886 0747	0000 886 0748			

38" Length	40" Length	44" Length
	0000 886 3203	0000 886 3206
	0463 092 0301	
0463 092 1101		
	7010 884 0829	7010 884 0830
	7010 884 0817	7010 884 0818
	0457 970 0108	
	7010 884 0821	7010 884 0822
	7010 886 3900	
	7010 884 0825	7010 884 0826
	0000 886 3205	

Large	X-Large	XX-Large
0797 110 9000		
0797 333 9000	0797 333 9001	0797 333 9002
7010 884 0601	7010 884 0602	7010 884 0603
0000 886 3200		
0797 333 9117	0797 333 9118	0797 333 9119
0797 333 9107	0797 333 9108	0797 333 9109
0797 333 9102	0797 333 9103	0797 333 9104

Head/Face Protection

STIHL Advance X-Vent Helmet System	7010 884 0110
STIHL Pro Mark™ Helmet System	7010 871 0199
STIHL Function-Basic Helmet System	7010 888 0800
STIHL Forestry Helmet System	0000 886 0100
STIHL Arborist Helmet	7010 883 9100
STIHL Construction Hard Hat System	0000 884 0175
Brush Shield Protector	0000 886 0210

APPAREL AND ACCESSORIES PART NUMBERS (CONT.)

Performance Protective Pants Size	Waist	Inseam	Performance Black - 6 layer	Performance Coyote - 6 layer
S	30" - 32"	30"	7010 885 6100	7010 885 6116
S	30" - 32"	32"	7010 885 6101	7010 885 6117
S	30" - 32"	34"	7010 885 6102	7010 885 6118
S	30" - 32"	36"	7010 885 6103	7010 885 6119
M	34" - 36"	30"	7010 885 6104	7010 885 6120
M	34" - 36"	32"	7010 885 6105	7010 885 6121
M	34" - 36"	34"	7010 885 6106	7010 885 6122
M	34" - 36"	36"	7010 885 6107	7010 885 6123
L	38" - 40"	30"	7010 885 6108	7010 885 6124
L	38" - 40"	32"	7010 885 6109	7010 885 6125
L	38" - 40"	34"	7010 885 6110	7010 885 6126
L	38" - 40"	36"	7010 885 6111	7010 885 6127
XL	42" - 44"	30"	7010 885 6112	7010 885 6128
XL	42" - 44"	32"	7010 885 6113	7010 885 6129
XL	42" - 44"	34"	7010 885 6114	7010 885 6130
XL	42" - 44"	36"	7010 885 6115	7010 885 6131

Protective Gloves	Small	Medium
Anti-Vibration Gloves		
Cotton Candy Gloves	7010 884 1152	7010 884 1153
General Purpose Gloves		7010 884 1146
Great Grip Gloves		7010 884 1116
Heavy-Duty Work Gloves		7010 884 1110
High-Performance PRO Gloves		7010 883 8500
NEW! Hunter's Camo Gloves		
Landscaper Series Gloves	7010 884 1120	0000 886 1104
Meshback Gloves		7010 884 1157
Outdoor PRO Gloves		7010 884 1149
Proscaper Series Gloves		7010 884 1100
Pruning Gloves		
STIHL HomeScaper Series™ Gloves	7010 884 1136	7010 884 1103
STIHL Mechanic Style Gloves		7010 884 1140
STIHL TIMBERSPORTS® Series Gloves		7010 884 1133
Value PRO Gloves		7010 884 1137
Value Work Gloves		7010 884 1154
Work Gloves		

Protective Boots Size	STIHL Pro Mark™	STIHL Performance Forestry Boot	
	Chain Saw Boot	Medium	Wide
6.5	0000 885 3839	7010 885 3800	7010 885 3811
7	0000 885 3839	7010 885 3812	7010 885 3813
7.5	0000 885 3840	7010 885 3814	7010 885 3815
8	0000 885 3840	7010 885 3816	7010 885 3817
8.5	0000 885 3841	7010 885 3818	7010 885 3819
9	0000 885 3842	7010 885 3820	7010 885 3821
9.5	0000 885 3843	7010 885 3822	7010 885 3823
10	0000 885 3844	7010 885 3824	7010 885 3825
10.5	0000 885 3844	7010 885 3826	7010 885 3827
11	0000 885 3845	7010 885 3828	7010 885 3829
11.5	0000 885 3845	7010 885 3830	7010 885 3831
12	0000 885 3846	7010 885 3832	7010 885 3833
12.5	0000 885 3846	7010 885 3834	7010 885 3835
13	0000 885 3847	7010 885 3836	7010 885 3837
13.5	0000 885 3847	7010 885 3838	7010 885 3839
14	0000 885 3848	7010 885 3840	7010 885 3841

Large	X-Large
7010 884 1128	7010 884 1129
7010 884 1147	7010 884 1148
7010 884 1117	7010 884 1118
7010 884 1111	7010 884 1112
7010 883 8501	7010 883 8502
7010 884 1162	7010 884 1163
0000 886 1105	0000 886 1106
7010 884 1160	7010 884 1161
7010 884 1150	7010 884 1151
7010 884 1101	7010 884 1102
7010 884 1158	7010 884 1159
7010 884 1104	7010 884 1105
7010 884 1134	7010 884 1135
7010 884 1141	7010 884 1142
7010 884 1138	7010 884 1139
7010 884 1155	7010 884 1156
7010 884 1126	

Protective Glasses	Indoor/ Outdoor	Grey/ Smoke	Yellow/ Clear	Brown/ Coffee
Black Widow	7010 884 0307			
Black Work		7010 884 0379		
Black Wrap		7010 884 0372		
Blue Mirror Blue Frame				
Blue Mirror Red Frame				
Camo		7010 884 0320	7010 884 0321	
Cotton Candy		7010 884 0373	7010 884 0374	
Deputy		7010 884 0376		
NEW! Deputy II		7010 884 0396		
Frosty				
Gridiron		7010 884 0356	7010 884 0355	
Hellfire		7010 884 0351		
Hunter's Camo				
Patterned Frame		7010 884 0381		
Sleek Line		7010 884 0325	7010 884 0333	
NEW! Sleek Line II		7010 884 0393		
STIHL HellRaiser™		7010 884 0353		
STIHL TIMBERSPORTS®				
Two-Tone Sport			7110 884 0369	
Two-Tone Work		7010 884 0386		
Ultra Flex		7010 884 0331		7010 884 0330
Ultralight		7010 884 0391		
White Ice				
STIHL Pro Mark™ Goggles		7010 884 0363	7010 884 0362	
NEW! Adjustable Goggles		7010 884 0325		
ProPack, 4 pair		7010 884 0315	7010 884 0315	

Orange/ Orange Mirror	Blue Mirror/ Green Mirror	Silver Mirror/ Smoke Mirror	Red Mirror/ Brown Mirror	Sun Mirror/ Gold Mirror
		7010 884 0301		
	7010 884 0378	7010 884 0380		
	7110 884 0370		7010 884 0371	
	7010 884 0384			
	7010 884 0385			
	7010 884 0375		7010 884 0377	
		7010 884 0395		
	7010 884 0388	7010 884 0390		
		7010 884 0357		
		7010 884 0352		7010 884 0350
				7010 884 0389
	7010 884 0382	7010 884 0383		
7010 884 0324		7010 884 0326		
	7010 884 0392			
	7010 884 0354			
		7010 884 0316		
		7110 884 0368		
		7010 884 0387		
	7010 884 0332			
7010 884 0367	7010 884 0366	7110 884 0365		
	7010 884 0375		7010 884 0377	

Accessories

First Aid Kit Belt Pouch	0463 901 0511
First Aid Kit Pouch and Refill	7010 871 0193
First Aid Kit Refill	0463 901 0551
Lawn Mower Bag	0797 010 1900
Lawn Mower Bag - Personalized	0797 010 1901
Leg Buckle for Chaps 1" (Replacement)	0000 886 5803
Waist Buckle for Chaps 1.5" (Replacement)	0000 886 5802
Waist Extender for Chaps 12"	0000 886 5901
Wedge and Tool Pouch	0000 886 1600

Duffel Bags	Small	Medium	Large
STIHL Duffel Bag	0463 901 0418	0463 901 0420	0464 091 0500
Personalized STIHL Duffel Bag	0463 901 0417	0463 901 0419	0000 886 1700

Dealer Accessories

Material Swatch Card (For Display Purposes)	0463 901 0165
Mini Chain Saw Chaps (For Display Purposes)	0463 901 0166

STIHL OILS AND LUBRICANTS

STIHL 2-Cycle Engine Oils

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 engines. They are also ideal for new low-emission 2-cycle engines. These engine oils contain stabilizing features and a mixing agent (solvent) to aid in mixing with motor fuel (gasoline). STIHL oils are fully compatible with oxygenated fuels. 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 ratio of 50:1 high-quality (89 octane minimum) unleaded gasoline to STIHL engine oil.

STIHL High-Performance 2-Cycle Engine Oil - Good

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

STIHL HP Ultra 2-Cycle Engine Oil - Best

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

STIHL MotoMix®

Eliminate the hassle of mixing your own oil and fuel mixture with STIHL MotoMix®. Clean and convenient, STIHL MotoMix® provides you with a premixed 50:1 fuel mixture, created with premium high-octane gasoline and the superior protection of STIHL HP Ultra Oil.

Patented formula STIHL MotoMix® doesn't use ethanol, allowing it to maintain stability for up to two years after the seal is broken, so it can be stored longer and will stay fresh in your equipment during storage periods. Created for excellent engine performance and superior lubrication, it's no surprise that MotoMix® is the official fuel of the STIHL TIMBERSPORTS® Series.



STIHL Moto4™

STIHL Moto4™ is a premium ethanol-free, 93-octane fuel formulated for ultimate 4-cycle engine performance. Especially useful for occasional or seasonal users, this fuel remains stable for up to two years after the seal is broken.

Note: This patented alkylate fuel is non-aromatic and contains no harmful Olefins. STIHL Moto4™ contains no oil and is not for use in products requiring a fuel-oil mixture.



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 in the formulation helps keep sap and pitch from clinging to the bar and chain. Available in 1 qt. and 1 gal. bottles, 5 gal. pails, 16 gal. kegs and 55 gal. drums, in both summer and winter weights.

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. container.

BioPlus™ Bar and Chain Oil

STIHL BioPlus™ oil is made with a vegetable-oil base, which means the oil is less harmful to humans, animals, microorganisms 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 SERVICE AND MAINTENANCE CHEMICALS

STIHL offers several chemicals to aid in the servicing and maintaining of STIHL products and other outdoor power equipment.

STIHL Carburetor and Choke Cleaner

This product is an effective solvent for cleaning carburetors, specifically choke parts and other metal components. It removes gum buildup, carbon, oily grime and varnish. The use of this product in the servicing of the engine components helps in reducing the risk of engine damage from dirt. It is packaged in an 11 oz. spray can.

STIHL Penetrating Oil

STIHL Penetrating Oil lubricates and protects metals and penetrates rust to loosen bolts and nuts. This product also cleans grease and tar. Packaged in a convenient 10 oz. spray can with spray hose for precise application.

STIHL Heavy-Duty Cleaner/Degreaser

An industrial-strength product that cleans grease, dirt, oil and wax from engine components. It is a non-abrasive, phosphate-free cleaner that contains no petroleum distillates. This STIHL Heavy-Duty Cleaner/Degreaser can be diluted up to a 16:1 ratio for light clean-up applications. This product is biodegradable. The STIHL Heavy-Duty Cleaner/Degreaser is available in a 32 oz. spray bottle and 1 gal. container.

STIHL HS Blade Cleaner

Removes resin and other material buildup from hedge trimmer blade surface.

STIHL LITHIUM-ION BATTERY PRODUCTS

No Gasoline. No Fumes. No Exhaust Emissions.



STIHL BATTERY-POWERED TOOLS

Using STIHL Lithium-Ion battery technology, STIHL delivers a great lineup of hardworking, reliable and environmentally responsible power tools. These battery-powered tools are powerful, lightweight and versatile while also eliminating fuel costs and emissions. Just pull the trigger to start your STIHL Lithium-Ion battery-powered equipment. You'll instantly see, feel and hear the benefits of these revolutionary tools.

- Tools are easy to operate - just pull the trigger and get to work.
- Zero-exhaust emissions, important when working in close quarters.
- The tools are much quieter than their gasoline-powered equivalents.
- Portable and lightweight as compared to previous battery technologies and as compared to equivalent gasoline-powered models.
- No fuel mixing, no fumes, no gummed-up carburetors.
- Minimal maintenance - no engine or filter maintenance.

STIHL LITHIUM-ION BATTERIES

STIHL Lithium-Ion batteries are subjected to rigorous testing to ensure they meet STIHL quality and safety standards. Plus, STIHL has partnered with the Rechargeable Battery Recycling Corporation (RBRC), and batteries can be returned for recycling at participating STIHL Servicing Dealers: www.call2recycle.org.

- One battery powers many tools within its series.
- High-quality cells used in STIHL batteries can handle over 1,500 charges
- Reduces dependence of fossil fuels.
- Low battery weight with high voltage and high battery capacity.
- Battery has a light to indicate battery status/level of charge.
- Built-in electronics constantly monitor the battery to protect against overload and overheating, and to ensure optimal operation and long life.

STIHL BATTERY PRODUCTS

**AI
SERIES**

Integrated batteries are built into the tool and make this system perfect for smaller yards and condominiums.



Blower



Hedge Trimmer



Trimmer

**AK
SERIES**

Multiple battery options provide versatility to this system, making it ideal for maintaining suburban yards. Batteries: AK 10, AK 20 and AK 30.



Chain Saws



Blowers

Trimmer



Hedge Trimmer



Lawn Mowers



Ext. Hedge Trimmer

**AP
SERIES**

Multiple battery options with more power and longer run times make this system a great choice for professionals. Batteries: AP 100, AP 200, AP 300, AP 300 S and AR Backpack batteries.



Chain Saws



Blowers



Hedge Trimmers

Multi-Task Tool



Pole Pruners



Lawn Mowers



Cut-Off Machine

Trimmers



Ext. Hedge Trimmers



OPTIONS FOR POWERING AP SERIES BATTERY-POWERED TOOLS

Some AP Series battery-powered tools do not have an on-board style battery. Instead they are equipped with a socket that connects a cable to a battery source. The combination of accessories you need for this type of battery power supply is based on which battery type you choose - the AP or AR battery. See below for compatible configurations.

POWER TOOLS EQUIPPED WITH A SOCKET

NO ON-BOARD BATTERY SLOT.



POWER OPTIONS FOR TOOLS EQUIPPED WITH A SOCKET

NO ON-BOARD BATTERY SLOT.



AP SERIES BATTERIES

- AP 100
- AP 200
- AP 300
- AP 300 S

AR SERIES BATTERIES

- AR 1000
- AR 2000
- AR 3000

AR "L" SERIES BATTERIES

- AR 2000 L
- AR 3000 L

Note: The AP adapter is required for charging the AR backpack batteries.

ACCESSORY CONFIGURATIONS FOR TOOLS EQUIPPED WITH A SOCKET



AP SERIES

	Battery Belt w/Harness ¹	AP Battery Backpack ¹	AP Battery Bag w/Connecting Cable ²	BGA 200 Carrying System	BGA Hip Pad	FSA/KMA Hip Pad
BGA 100	•	•	•		•	
BGA 200				•	•	
FSA 130 R	•	•	•			•
HSA 94 R	•	•	•			
HSA 94 T	•	•	•			
KMA 130 R	•	•	•			•



AR SERIES

	BGA 200 Carrying System	BGA Hip Pad	FSA/KMA Hip Pad
BGA 100		•	
BGA 200	•	•	
FSA 130 R			•
HSA 94 R			
HSA 94 T			
KMA 130 R			•



AR "L" SERIES

	AR 2000 L / AR 3000 L Battery Harness ³	AR 2000 L / AR 3000 L w/Connecting Cable ⁴	BGA 200 Carrying System	BGA Hip Pad	FSA/KMA Hip Pad
BGA 100	•	•		•	
BGA 200	•	•	•	•	
FSA 130 R	•	•			•
HSA 94 R	•	•			
HSA 94 T	•	•			
KMA 130 R	•	•			•

¹ Used in conjunction with AP Battery Bag with Connecting Cable (separate accessory - shown above). May also use optional AP Battery Bag for spare battery (separate accessory - not shown).

² Used in conjunction with AP Battery Belt with Harness or AP Battery Backpack spare battery (separate accessory - shown above).

³ Only compatible with AR 2000 L and AR 3000 L backpack batteries. Used in conjunction with AR 2000 L / 3000 L connecting cable. (separate accessory - shown above).

⁴ Only compatible with AR 2000 L and AR 3000 L backpack batteries. Used in conjunction with AR 2000 L / 3000 L battery harness. (separate accessory - shown above).

BATTERY CHARGE INFORMATION

AI SERIES BATTERIES

Battery Charging Times - Minutes (80%/100% capacity using LK 45 Charger)	
FSA 45	145/210
HSA 45	145/210
BGA 45	210/300
Working Times per Battery Charge - Minutes ¹	
FSA 45 (STIHL PolyCut™ 2-2 blades/.065 line)	20/12
HSA 45	40
BGA 45	10

GTA 26

Battery Charging Times - Minutes (80%/100% capacity using AL 1 Charger)	
GTA 26	55/70
Working Times per Battery Charge - Minutes ¹	
GTA 26	25

HSA 25

Battery Charging Times - Minutes (80%/100% capacity using AL HSA 25 Charger)	
HSA 25	140/180
Working Times per Battery Charge - Minutes ¹	
HSA 25	110

Note: The GTA 26 battery and charger is not interchangeable with the HSA 25 battery and charger.

¹ The battery working time specifications for each battery charge are estimates and may vary depending on how the tool is used and what is being cut.

BATTERY CHARGE INFORMATION (CONT.)



AK 10

AK 20

AK 30

AK SERIES BATTERIES

Battery Charging Times - Minutes (80%/100% capacity)			
AL 101	55/80	105/150	160/205
AL 300	20/30	25/45	35/60
AL 500	20/30	25/45	35/60
Working Times per Battery Charge - Minutes ¹			
MSA 120 C-B	15*	35	55
MSA 140 C-B	15*	35*	45
FSA 56	20	40	60
NEW! FSA 57	20	40	60
NEW! HLA 56	40	80	120
HSA 56	40	80	120
BGA 56	10	20	30
NEW! BGA 57	8	18	27
Working Range per Battery Charge - Sq. Ft. ¹			
RMA 460	–	2,207	2,852
NEW! RMA 460 V	–	–	2,347

Note: Battery/tool combinations providing the best balance, adequate run-time and performance are shown in bold.

¹ The battery working times and working range specifications for each battery charge are estimates and may vary depending on how the tool is used and what is being cut.

* Reduced tool performance.



AP SERIES BATTERIES

AP 100

AP 200

AP 300

AP 300 S

Battery Charging Times - Minutes (80%/100% capacity)

	AP 100	AP 200	AP 300	AP 300 S
AL 101	75/100	150/200	190/250	230/300
AL 300	30/45	40/50	45/65	55/70
AL 500	30/45	30/45	25/35	30/45

Working Times per Battery Charge - Minutes¹

	AP 100	AP 200	AP 300	AP 300 S
MSA 160 C-B	18	42	50	62
MSA 200 C-B	18	42	45	56
NEW! MSA 161 T	18	42	50	62
NEW! MSA 220 C-B	–	42	45	48
HTA 65	18	42	55	68
HTA 85	18	42	55	68
KMA 130 R (FS-KM line head) ²	16-7	30-14	38-18	47-22
FSA 65	30	60	75	93
FSA 85	18	36	45	56
FSA 90 R (nylon head)	12	24	30	37
FSA 130 R (line head) ²	16-7	30-14	38-18	47-22
HSA 66	72	144	180	223
HSA 94 R ²	54-42	108-84	135-105	167-130
HSA 94 T ²	54-42	108-84	135-105	167-130
HLA 65	72	144	180	223
HLA 85	72	144	180	223
BGA 85	10	19	24	30
BGA 100 ³	32-8	66-12	83-16	103-20
NEW! BGA 200 ³	24-6	49-7	78-12	95-14
TSA 230	7	14	18	22

Working Range per Battery Charge - Sq. Ft.¹

	AP 100	AP 200	AP 300	AP 300 S
RMA 510	–	–	5,100	–
NEW! RMA 510 V	–	–	2,562	3,078

Note: Battery/tool combinations providing the best balance, adequate run-time and performance are shown in bold.

¹ The battery working times and working range specifications for each battery charge are estimates and may vary depending on how the tool is used and what is being cut.

² Level 1 – Level 3

³ Level 1 – Boost

BATTERY CHARGE INFORMATION (CONT.)



AR 1000

AR SERIES BATTERIES

Battery Charging Times - Minutes (80%/100% capacity)	
AL 101	-
AL 300	130/160
AL 500	90/120
Working Times per Battery Charge - Minutes ¹	
MSA 160 C-B	125
MSA 200 C-B	110
NEW! MSA 161 T*	125
NEW! MSA 220 C-B	110
HTA 65	125
HTA 85	125
KMA 130 R (FS-KM line head) ²	105-50
FSA 65	200
FSA 85	120
FSA 90 R (nylon head)	80
FSA 130 R (nylon head) ²	100-70
HSA 66	450
HSA 94 R ²	380-320
HSA 94 T ²	380-320
HLA 65	450
HLA 85	450
BGA 85	65
BGA 100 ³	225-45
NEW! BGA 200 ³	212-32
TSA 230	-
Working Range per Battery Charge - Sq. Ft. ¹	
RMA 510	-
NEW! RMA 510 V	-

Note: Battery/tool combinations providing the best balance, adequate run-time and performance are shown in bold.

¹ The battery working times and working range specifications for each battery charge are estimates and may vary depending on how the tool is used and what is being cut.

² Level 1 - Level 3

³ Level 1 - Boost



AR 2000



AR 3000



AR 2000 L



AR 3000 L

AR 2000	AR 3000	AR 2000 L	AR 3000 L
–	–	–	–
190/215	220/265	210/270	310/400
100/130	120/160	110/150	170/220
180	230	196	300
160	200	174	261
180	230	196	300
160	200	201	281
180	230	196	300
180	230	196	300
154-73	193-82	167-80	250-120
300	380	326	496
180	220	196	287
120	150	130	196
150-100	190-125	160-105	240-160
660	800	717	1,043
550-450	700-570	550-480	900-740
550-450	700-570	550-480	900-740
660	800	717	1,043
660	800	717	1,043
90	115	98	150
300-60	395-75	–	–
295-43	376-60	354-53	536-85
–	–	–	–
–	–	–	–
–	–	–	–

WARNING: If using an AR series battery or AP series battery in a battery bag with connecting cord, always use a lift bucket for in-tree surgery and maintenance. Do NOT climb in the tree.

STIHL LITHIUM-ION BATTERIES AND ACCESSORIES

AK
SERIES



AK 10 BATTERY

- Lithium-Ion - 54 Wh*
- 36 volt & 1.4 amp hour
- LED display indicates charge level
- Weight: 0.8 kg (1.8 lbs.)



AK 20 BATTERY

- Lithium-Ion - 108 Wh*
- 36 volt & 2.8 amp hour
- LED display indicates charge level
- Weight: 1.2 kg (2.7 lbs.)



AK 30 BATTERY

- Lithium-Ion - 180 Wh*
- 36 volt & 4.8 amp hour
- LED display indicates charge level
- Weight: 1.3 kg (2.9 lbs.)



NEW! AS 2 BATTERY

- Lithium-Ion - 28 Wh*
- 10.8 volt & 2.1 amp hour
- Weight: 0.2 kg (0.4 lbs.)

AP
SERIES



AP 100 BATTERY

- AP 100 - 94 Wh*
- 36 volt & 2.4 amp hour
- 4 LED displays indicate charge level
- Weight: 0.8 kg (1.8 lbs.)



NEW! AP 200 BATTERY

- Lithium-Ion - 187 Wh*
- 36 volt & 4.8 amp hour
- 4 LED displays indicate charge level
- Weight: 1.3 kg (2.9 lbs.)



AP 300 BATTERY

- Lithium-Ion - 227 Wh*
- 36 volt & 6.0 amp hour
- 4 LED displays indicate charge level
- Weight: 1.7 kg (3.8 lbs.)



AP 300 S BATTERY

- Lithium-Ion - 281 Wh*
- 36 volt & 7.2 amp hour
- 4 LED displays indicate charge level
- Weight: 1.8 kg (3.96 lbs.)

*Stored energy. Usable energy will be less.



AR 1000 BATTERY BACKPACK

- STIHL's lightest backpack battery for AP Series battery-powered tools
- Integrated carrying handle, hip belt and adjustable chest strap with quick-release buckles
- USB port for charging compatible electronic devices
- Lithium-Ion - 626 Wh*
- 36 volt & 16.6 amp hour
- 6 LED displays and audible signals indicate charge level
- Includes raincover, power cable, AP adapter, and bag for adapter
- Weight: 5.5 kg (12.13 lbs.)



AR 2000 BATTERY BACKPACK

- Integrated carrying handle, hip belt and adjustable chest strap with quick-release buckles
- Battery provides longer run times as compared to AR 1000
- Lithium-Ion - 916 Wh*
- 36 volt & 21.8 amp hour
- LED display and audible signals indicate charge level
- Includes raincover, power cable, AP adapter, and bag for adapter
- Weight: 7.8 kg (17.2 lbs.)



AR 3000 BATTERY BACKPACK

- Integrated carrying handle, hip belt and adjustable chest strap with quick-release buckles
- Battery provides longer run times as compared to AR 1000 and AR 2000
- Lithium-Ion - 1,148 Wh*
- 36 volt & 29.3 amp hour
- LED display and audible signals indicate charge level
- Includes raincover, power cable, AP adapter, and bag for adapter
- Weight: 8.1 kg (17.9 lbs.)

*Stored energy. Usable energy will be less.



NEW! AR 2000 L BATTERY

- Battery Only (AR Battery Carrying System, Connecting Cable, and AP Adapter may be required depending on application. Sold separately.)
- STIHL connected
- USB port for charging compatible electronic devices
- Lithium-Ion - 1,015 Wh*
- 36 volt & 27.4 amp hour
- LED display and audible signals indicate charge level
- Weight: 16.3 lbs.



NEW! AR 2000 L/3000 L BATTERY HARNESS

- AR Carrying System for AR 2000 L and AR 3000 L (not compatible with AR 1000, AR 2000 or AR 3000).
- Adjustable to various body dimensions
- Padded shoulder straps and waist belt
- Hook and eye fasteners to secure connecting cord to the backpack
- Weight: 3.75 lbs.



NEW! AR 3000 L BATTERY

- Battery Only (AR Battery Carrying System, Connecting Cable, and AP Adapter may be required depending on application. Sold separately.)
- STIHL connected
- USB port for charging compatible electronic devices
- Lithium-Ion - 1,522 Wh*
- 36 volt & 41.2 amp hour
- LED display and audible signals indicate charge level
- Weight: 20.9 lbs.



NEW! AR 2000 L/3000 L CONNECTING CABLE

- Compatible with AR 2000 L and AR 3000 L only (not compatible with AR 1000, AR 2000 or AR 3000)
- Supplies power to AP Series battery-powered tools - used in conjunction with AR Battery Carrying System (AP Adapter may also be required depending on application)
- Used in conjunction with AP Adapter to charge battery

*Stored energy. Usable energy will be less.



AP BATTERY BACKPACK

- Comfortable carrying option weighing less than AR backpacks
- Carries up to two STIHL AP batteries
- Battery bag with connecting cord can be routed through openings at hip on left or right side, or at shoulder on left or right side for convenient operation
- Affordable option to STIHL AR backpack batteries
- Batteries, battery bag, battery bag with connecting cord, AP adapter, sold separately



AP ADAPTER

- Compatible with all AP- and AR-style batteries
- Used in conjunction with connecting cable to charge AR style batteries
- Used in conjunction with AR-style backpack batteries and connecting cable to power AP-Series battery products with an on-board battery slot
- May be used with AP battery bag with connecting cable in certain applications



BATTERY BELT WITH HARNESS

- Used in conjunction with AP Battery Bag with Connecting Cable
- May also support Battery Bag



AP BATTERY BAG

- No cord, carries a spare battery
- Used in conjunction with Battery Belt with Harness or AP Battery Backpack



AP BATTERY BAG WITH CONNECTING CABLE

- Used in conjunction with Battery Belt with Harness or AP Battery Backpack



AL 101 STANDARD CHARGER

- Ideal for AK batteries
- Compatible with AP and AR batteries
- 78 Watts
- LED display
- Automatic shut off
- Can be wall-mounted



AL 300 RAPID CHARGER

- Ideal for AK and AP batteries
- Compatible with AR batteries
- 300 Watts
- LED display
- Automatic shut off
- Can be wall-mounted
- Cooling fan



AL 500 HIGH-SPEED CHARGER

- Ideal for AP and AR batteries
- Compatible with AK batteries
- 570 Watts
- LED display
- Automatic shut off
- Can be wall-mounted
- Cooling fan



AL 1 CHARGER

- Compatible only with AS 2 battery
- Not compatible with HSA 25 battery
- 33 Watts
- LED display
- Automatic shut off
- Can be wall-mounted



BATTERY CARRYING CASE

- Available as case only or with four optional inserts:
 - 4 AK batteries, plus 1 AL 101 charger
 - 6 AK batteries
 - 3 AP batteries, plus 1 AL 300/500 charger
 - 6 AP batteries

MSA 120 C-B

Homeowner
STIHL Lithium-Ion
Chain Saw
Series 1254

AK
SERIES



Weight w/o Battery	2.5 kg (5.5 lbs.)
Weight w/AK 20	3.7 kg (8.2 lbs.)
Run Time w/AK 20	Up to 35 minutes
Chain Oil Capacity	109 cc (3.7 oz.)
OILOMATIC® Chain	1/4" STIHL PICCO™
Guide Bar Length (Recommended range)	25 or 30 cm (10" or 12") STIHL ROLLOMATIC® E

Note: STIHL recommends #3670 (71 PM3 64) OILOMATIC® saw chain and 12" 3005 008 3405 STIHL ROLLOMATIC® E guide bar combination. The actual listed guide bar length can vary from the effective cutting length based on which powerhead it is installed on.

Note: Batteries and chargers can be purchased separately or as a set combined with tool.

Note: Chain saw weights include recommended bar and chain combination.

Features

- Value-priced set includes power tool, AK 20 battery and AL 101 charger
- Commercial-grade, high-torque brushless motor for optimal performance
- Instant, pull-trigger start up
- Lightweight and portable with no power cord
- Exclusive 1/4" STIHL PICCO™ saw chain
- Toolless chain tensioner
- For additional information on standard features, see page 233.

Optional Accessories

- 2-in-1 file guide, (5605 750 4306), 1/4" STIHL PICCO™ (5605 750 4306), AK battery cover (4520 602 0900), AK 30 battery (4520 400 6513), Battery case (See page 246.)
- For available battery and charger options, see pages 234-246.

WARNING FOR CORDED ELECTRIC AND BATTERY CHAIN SAW USERS!

The fibers may not stop the sprocket on most corded electric chain saws and some battery-powered chain saws because of the constant high torque. However, to reduce the severity of injury from accidental contact with the chain, STIHL recommends that leg protection be worn when operating these types of chain saws.

Battery-powered chain saw with excellent cutting performance in a value-priced AK set.

MSA 140 C-B

Homeowner
STIHL Lithium-Ion
Chain Saw
Series 1254

AK
SERIES



Weight w/o Battery	2.6 kg (5.7 lbs.)
Weight w/AK 30	3.9 kg (8.6 lbs.)
Run Time w/AK 30	Up to 45 minutes
Chain Oil Capacity	109 cc (3.7 oz.)
OILOMATIC® Chain	1/4" STIHL PICCO™
Guide Bar Length	30 cm (12") STIHL ROLLOMATIC® E

Note: STIHL recommends #3670 (71 PM3 64) OILOMATIC® saw chain and 12" 3005 008 3405 STIHL ROLLOMATIC® E guide bar combination. The actual listed guide bar length can vary from the effective cutting length based on which powerhead it is installed on.

Note: Batteries and chargers can be purchased separately or as a set combined with tool.

Note: Chain saw weights include recommended bar and chain combination.

Features

- Value-priced set includes power tool, AK 30 battery and AL 101 charger
- Toolless chain tensioner
- Higher chain speed and greater performance than MSA 120 C-B
- Commercial-grade, high-torque brushless motor for optimal performance
- Instant, pull-trigger start up
- Lightweight and portable with no power cord
- 1/4" STIHL PICCO™ saw chain
- For additional information on standard features, see page 233.

Optional Accessories

- 2-in-1 file guide, (5605 750 4306), 1/4" STIHL PICCO™ (5605 750 4306), AK battery cover (4520 602 0900), Battery case (See page 246.)
- For available battery and charger options, see pages 234-246.

WARNING FOR CORDED ELECTRIC AND BATTERY CHAIN SAW USERS!

The fibers may not stop the sprocket on most corded electric chain saws and some battery-powered chain saws because of the constant high torque. However, to reduce the severity of injury from accidental contact with the chain, STIHL recommends that leg protection be worn when operating these types of chain saws.

Battery-powered chain saw with excellent cutting performance for the AK battery line.

MSA 160 C-B

Professional
STIHL Lithium-Ion
Chain Saw
Series 1250

AP
SERIES



Weight w/o Battery	2.7 kg (6.0 lbs.)
Weight w/AP 300	4.4 kg (9.8 lbs.)
Run Time w/AP 300	Up to 50 minutes
Chain Oil Capacity	210 cc (7.1 oz.)
OILOMATIC® Chain	1/4" STIHL PICCO™
Guide Bar Length (Recommended range)	25 to 30 cm (10" to 12") STIHL ROLLOMATIC® E

Note: STIHL recommends #3670 (71 PM3 64) OILOMATIC® saw chain and 12" 3005 008 3405 STIHL ROLLOMATIC® E guide bar combination. The actual listed guide bar length can vary from the effective cutting length based on which powerhead it is installed on.

Note: Batteries and chargers must be purchased separately.

Note: Chain saw weights include recommended bar and chain combination.

Features

- Toolless Quick Chain Adjuster (QCA) for fast and easy chain adjustment (**B**) (See page 24.)
- Commercial-grade, high-torque brushless motor for optimal performance
- Variable-speed trigger for precise control
- Great for noise-sensitive areas
- Low noise, excellent balance and low vibration
- Great for storm cleanup and woodcutting/carpentry tasks
- For additional information on standard features, see page 233.

Optional Accessories

- 2-in-1 file guide, (5605 750 4306), 1/4" STIHL PICCO™ (5605 750 4306), Battery case (See page 246.)
- For available battery and charger options, see pages 234-246.

WARNING FOR CORDED ELECTRIC AND BATTERY CHAIN SAW USERS!

The fibers may not stop the sprocket on most corded electric chain saws and some battery-powered chain saws because of the constant high torque. However, to reduce the severity of injury from accidental contact with the chain, STIHL recommends that leg protection be worn when operating these types of chain saws.

Battery-powered chain saw with excellent cutting performance for the AP battery line.

NEW! MSA 161 T

Professional
STIHL Lithium-Ion
Chain Saw
Series 1252

AP
SERIES



*For in-tree
professional use
only!*



Weight w/o Battery*	2.1 kg (4.6 lbs.)
Weight w/AP 300*	3.8 kg (8.4 lbs.)
Run Time w/AP 300	Up to 50 minutes
Chain Oil Capacity	103.5 cc (3.5 oz.)
OILOMATIC® Chain	1/4" STIHL PICCO™
Guide Bar Length	30 cm (12") STIHL ROLLOMATIC® E Mini

Note: STIHL recommends #3670 (71 PM3 65) OILOMATIC® saw chain and 12" 3005 008 3405 STIHL ROLLOMATIC® E guide bar combination. The actual listed guide bar length can vary from the effective cutting length based on which powerhead it is installed on.

Note: Batteries and chargers must be purchased separately.

*Dry weight and powerhead only.

Features

- Top-handle design for balance and maneuverability needed for in-tree cutting
- Lightweight and compact for easy use and reduced fatigue
- Variable-speed trigger for precise control
- Side-access chain tensioner
- Commercial-grade, high-torque brushless motor for optimal performance
- Built-in carry ring for easy access in trees
- Toolless and translucent bar and chain oil tank
- For additional information on standard features, see page 233.

Optional Accessories

- 2-in-1 file guide, (5605 750 4306), 1/4" STIHL PICCO™ (5605 750 4306), Battery case (See page 246.)
- For available battery and charger options, see pages 234-246.

WARNING FOR CORDED ELECTRIC AND BATTERY CHAIN SAW USERS!

The fibers may not stop the sprocket on most corded electric chain saws and some battery-powered chain saws because of the constant high torque. However, to reduce the severity of injury from accidental contact with the chain, STIHL recommends that leg protection be worn when operating these types of chain saws.

Top-handled, battery-powered chain saw for professional landscapers and arborists.

MSA 200 C-B

Professional
STIHL Lithium-Ion
Chain Saw
Series 1251

AP
SERIES



Weight w/o Battery	2.9 kg (6.4 lbs.)
Weight w/AP 300	4.6 kg (10.2 lbs.)
Run Time w/AP 300	Up to 45 minutes
Chain Oil Capacity	210 cc (7.1 oz.)
OILOMATIC® Chain	1/4" STIHL PICCO™
Guide Bar Length (Recommended range)	25 to 35 cm (10" to 14") STIHL ROLLOMATIC® E Mini

Note: STIHL recommends #3670 (71 PM3 72) OILOMATIC® saw chain and 14" 3005 008 3409 STIHL ROLLOMATIC® E guide bar combination. The actual listed guide bar length can vary from the effective cutting length based on which powerhead it is installed on.

Note: Batteries and chargers must be purchased separately.

Note: Chain saw weights include recommended bar and chain combination.

Features

- 15% higher chain speed and greater performance as compared to MSA 160 C-B
- Toolless Quick Chain Adjuster (QCA) for fast and easy chain adjustment (**B**) (See page 24.)
- Commercial-grade, high-torque, brushless motor for optimal performance
- Variable-speed trigger for precise control
- Great for noise-sensitive areas
- Low noise, excellent balance and low vibration
- For additional information on standard features, see page 233.

Optional Accessories

- 2-in-1 file guide, (5605 750 4306), 1/4" STIHL PICCO™ (5605 750 4306), Battery case (See page 246.)
- For available battery and charger options, see pages 234-246.

WARNING FOR CORDED ELECTRIC AND BATTERY CHAIN SAW USERS!

The fibers may not stop the sprocket on most corded electric chain saws and some battery-powered chain saws because of the constant high torque. However, to reduce the severity of injury from accidental contact with the chain, STIHL recommends that leg protection be worn when operating these types of chain saws.

Battery-Powered Tools

**Highest performance battery chain saw.
Great for cutting firewood, storm cleanup, around-the-home
and carpentry projects.**

NEW! MSA 220 C-B

Professional
STIHL Lithium-Ion
Chain Saw
Series 1251

AP
SERIES



Weight w/o Battery*	2.9 kg (6.4 lbs.)
Weight w/AP 300 S	5.1 kg (11.2 lbs.)
Run Time w/AP 300 S	Up to 48 minutes
Chain Oil Capacity	210 cc (7.1 oz.)
OILOMATIC® Chain	3/8" PS3
Guide Bar Length (Recommended range)	35 to 40 cm (14" to 16") STIHL ROLLOMATIC® E

Note: STIHL recommends #3616 (63 PS3 55) OILOMATIC® saw chain and 14" 3005 000 4813 STIHL ROLLOMATIC® E guide bar combination. The actual listed guide bar length can vary from the effective cutting length based on which powerhead it is installed on.

Note: Batteries and chargers must be purchased separately.

Note: Chain saw weights include recommended bar and chain combination.

*Dry weight and powerhead only.

Features

- 50% higher chain speed and greater performance as compared to MSA 200 C-B
- Capable of felling and limbing – raised and printed felling stipe
- Commercial-grade, high-torque, brushless motor for optimal performance
- Toolless Quick Chain Adjuster (QCA) for fast and easy chain adjustment (B) (See page 24)
- Variable-speed trigger for precise control
- For additional information on standard features, see page 233.

Optional Accessories

- 2-in-1 file guide, (5605 750 4303), Battery case (See page 246.)
- For available battery and charger options, see pages 234-246.

WARNING FOR CORDED ELECTRIC AND BATTERY CHAIN SAW USERS!

The fibers may not stop the sprocket on most corded electric chain saws and some battery-powered chain saws because of the constant high torque. However, to reduce the severity of injury from accidental contact with the chain, STIHL recommends that leg protection be worn when operating these types of chain saws.

STIHL's most powerful battery-powered chain saw.

FSA 45

Homeowner
STIHL Lithium-Ion
Trimmer
Series 4512

AI
SERIES



Weight w/Integrated Battery	2.3 kg (5.1 lbs.)
Run Time	With STIHL PolyCut™: Up to 20 minutes With Line: Up to 12 minutes
Charge Time	210 minutes
Cutting Width	23 cm (9")

Note: Comes with integrated battery and charger. See pages 234-246 for more information.

Note: Weight without cutting attachment or guard.

Features

- Lightweight and portable with integrated 18-volt battery
- Adjustable shaft extends 17 cm (6.7 in.) for taller users
- Instant, pull-trigger startup
- Loop handle adjusts 120° in six positions
- Powerhead swivels for vertical edging
- High cutting speed cuts more in less time
- LED level of charge indicator/tool status
- Under-handle storage for up to 6 spare STIHL PolyCut™ blades
- Activation key prevents unauthorized use
- Standard STIHL PolyCut™ 2-2 cutting head with STIHL PolyCut™ cutting blades. Can also fit optional .065" nylon line
- For additional information on standard features, see page 233.

Optional Accessory

- STIHL PolyCut™ blades, 8-pack (4008 007 1000)

Lightweight, adjustable trimmer, ideal for trimming and edging small residential yards.

FSA 56

Homeowner
STIHL Lithium-Ion
Trimmer
Series 4522

AK
SERIES



Discontinued.
Available while
supplies last.



Weight w/o Battery	2.5 kg (5.5 lbs.)
Weight w/AK 10	3.3 kg (7.3 lbs.)
Run Time w/AK 10	Up to 20 minutes
Cutting Width	28 cm (11")

Note: Batteries and chargers can be purchased separately or as a set combined with tool.

Note: Weight without cutting attachment or guard.

Features

- Value-priced set includes power tool, AK 10 battery and AL 101 charger
- Adjustable shaft extends 20 cm (7.9 in.) for taller users
- Instant, pull-trigger startup
- Intermediate battery storage position, two-click system in place so unit won't start until you're ready
- Rubberized handle for operator comfort
- Standard AutoCut[®] 2-2 cutting head with .080" STIHL Quiet Line[™]
- For additional information on standard features, see page 233.

Optional Accessories

- Replacement spool (4008 710 4301), 3-pack of spools (4008 710 4302)
- AK battery cover (4520 602 0900), AK 20 battery (4520 400 6504), AK 30 battery (4520 400 6513), Battery case (See page 246.)
- For available battery and charger options, see pages 234-246.

**Trim the length of five football fields with a 10.5" swath
- all on one charge.**

NEW! FSA 57

Homeowner
STIHL Lithium-Ion
Trimmer
Series 4522

AK
SERIES



Weight w/o Battery	2.6 kg (5.7 lbs.)
Weight w/AK 10	3.4 kg (7.5 lbs.)
Run Time w/AK 10	Up to 20 minutes
Cutting Width	28 cm (11")

Note: Batteries and chargers can be purchased separately or as a set combined with tool.

Note: Weight without cutting attachment or deflector.

Features

- Ideally suited for any landscape grass trimming job and use in noise-sensitive areas
- Lightweight, portable, compact and easy to maneuver
- Ergonomic loop handle offers excellent balance and control
- Adjustable shaft extends 20 cm (7.9 in.) for taller users
- Standard bump guard helps when trimming around obstacles, trees and shrubs
- AutoCut® 2-2 cutting head - with 0.80" Quiet Line™ tackles jobs quickly and quietly
- Built-in hanging slot for easy storage
- For additional information on standard features, see page 233.

Optional Accessories

- For available battery and charger options, see pages 234-246.

**Lightweight, easy-to-use, battery-powered trimmer
- ideal for suburban yards.**

FSA 85

Professional
STIHL Lithium-Ion
Trimmer
Series 4852

AP
SERIES



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
Cutting Width	35 cm (14")

Note: Batteries and chargers must be purchased separately.

Note: Weight without cutting attachment or deflector.

Features

- Variable-speed throttle trigger for precise control
- Commercial-grade brushless motor
- High-performance, advanced STIHL Lithium-Ion 36-volt battery powers this environmentally responsible, straight shaft trimmer
- Instant startup and no gradual drop in power - trimmer runs at full speed until battery is depleted
- Low noise for quiet applications
- AutoCut® C 4-2 EasySpool™ cutting head - with 0.80" Quiet Line™
- Built-in hanging slot for easy storage
- For additional information on standard features, see page 233.

Optional Accessories

- Battery case (See page 246.)
- For available battery and charger options, see pages 234-246.

Commercial-grade, high-performance, straight-shaft trimmer for where low noise or zero exhaust emissions are desired.

FSA 90 R

Professional
STIHL Lithium-Ion
Trimmer
Series 4863

AP
SERIES



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
Cutting Width	38 cm (15")

*Run times using ECOSPEED are substantially longer.

Note: Batteries and chargers must be purchased separately.

Note: Weight without cutting attachment or deflector.

Features

- Innovative control handle with ECOSPEED to optimize runtime plus variable speed trigger for precise control
- Commercial-grade brushless motor
- High-performance, advanced STIHL Lithium-Ion 36-volt battery powers this environmentally responsible, straight shaft trimmer
- Low noise for quiet applications
- Standard AutoCut® 25-2 cutting head with 0.95" Quiet Line™ - rotates counter-clockwise

- For additional information on standard features, see page 233.

Optional Accessories

- Battery case (See page 246.)
- For available battery and charger options, see pages 234-246.

**Commercial-grade, lightweight and powerful trimmer
designed for the professional user.**

FSA 130 R

Professional
STIHL Lithium-Ion
Trimmer
Series 4867

AP
SERIES



Weight w/o Battery	3.9 kg (8.6 lbs.)
Run Time w/AR 2000	Up to 150 minutes
Cutting Width	42 cm (16.5")

Note: Batteries and chargers must be purchased separately.

Note: No on-board battery slot – socket style connection, see page 235.

Note: Weight without cutting attachment or deflector.

Features

- Commercial-grade brushless motor
- Variable-speed trigger and 3 performance levels for optimal power and run times
- High cutting speed and excellent cutting performance
- Can be equipped with a wide range of cutting attachments, including metal grass blades and brush knives
- Adjustable, rubberized loop handle for operator comfort
- Standard AutoCut® 25-2 cutting head with .095" STIHL Quiet Line™
- For additional information on standard features, see page 233.

Optional Accessories

- AP battery belt (4850 490 0500), AP holster with connecting cable (4850 440 5103)
- Harness kit (0000 007 1045)
- For available battery and charger options, see pages 234-246.

Top-of-the-line, battery-powered trimmer for professionals.

**Homeowner
STIHL Lithium-Ion
Handheld Blower
Series 4513****AI
SERIES**

Weight w/Integrated Battery	2.0 kg (4.4 lbs.)
Run Time	Up to 10 minutes
Charge Time	300 minutes
Blowing Force*	5 Newtons
Avg. Air Velocity	38 m/sec. (85 mph)
Max. Air Velocity	44 m/sec. (98 mph)
Air Volume at Nozzle	400 m ³ /h (235 cfm)
Sound Pressure Rating	60 dB(A)

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

Note: Comes with integrated battery and charger. See pages 234-246 for more information.

Features

- Lightweight and portable with integrated 18-volt battery
- Optimal power-to-weight design with low gyroscopic forces reduces strain on wrist
- LED level of charge indicator/tool status
- Activation key prevents unauthorized use
- For additional information on standard features, see page 233.

**Lightweight, handheld blower with integrated battery -
ideal for smaller residential yards.**

BGA 56

Homeowner
STIHL Lithium-Ion
Handheld Blower
Series 4523

AK
SERIES



Discontinued.
Available while
supplies last.



Weight w/o Battery	2.1 kg (4.6 lbs.)
Weight w/AK 20	3.3 kg (7.3 lbs.)
Run Time w/AK 20	Up to 20 minutes
Blowing Force*	9 Newtons
Avg. Air Velocity	45 m/sec. (100 mph)
Max. Air Velocity	54 m/sec. (121 mph)
Air Volume at Nozzle	600 m ³ /h (353 cfm)
Sound Pressure Rating	63 dB(A)

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

Note: Batteries and chargers can be purchased separately or as a set combined with tool.

Features

- Value-priced set includes power tool, AK 20 battery and AL 101 charger
- Instant, pull-trigger startup
- Adjustable blower tubes with adjustable range of 16 cm (6 in.)
- Lightweight and portable with no power cord, easy to use and maneuver
- No engine or filter maintenance, no fuel mixing or fuel-related problems
- For additional information on standard features, see page 233.

Optional Accessories

- AK battery cover (4520 602 0900), AK 30 battery (4520 400 6513), Battery case (See page 246.)
- Flat nozzle (4866 701 8301)
- For available battery and charger options, see pages 234-246.

The BGA 56 can clear a 36-inch-wide sidewalk, seven football fields long, on a single charge.

NEW! BGA 57

Homeowner
STIHL Lithium-Ion
Handheld Blower
Series 4523

AK
SERIES



Weight w/o Battery	2.3 kg (5.1 lbs.)
Weight w/AK 20	3.5 kg (7.8 lbs.)
Run Time w/AK 20	Up to 18 minutes
Blowing Force*	9 Newtons
Avg. Air Velocity**	46 m/sec. (103 mph)
Max. Air Velocity**	55 m/sec. (123 mph)
Air Volume at Nozzle**	620 m ³ /h (365 cfm)
Sound Pressure Rating**	64 dB(A)

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

**All specifications provided by Andreas STIHL AG, as of April 2016.

Note: Batteries and chargers can be purchased separately or as a set combined with tool.

Features

- Perfect for typical yard cleanup jobs and use in noise-sensitive areas
- Lightweight, portable, compact and easy to maneuver
- Slim, well-balanced design makes blower easy to maneuver
- Instant, pull-trigger startup with symmetrical trigger lockout for easy left- or right-hand activation
- Adjustable blower tubes with adjustable range of 16 cm (6 in.)
- No engine or filter maintenance, no fuel mixing or fuel-related problems
- Available in value-priced set, including power tool, AK 20 battery and AL 101 charger
- For additional information on standard features, see page 233.

Optional Accessories

- AK battery cover (4520 602 0900), AK 30 battery (4520 400 6513), Battery case (See page 246.)
- Flat nozzle (4866 701 8301)
- For available battery and charger options, see pages 234-246.

*Lightweight, easy-to-use, battery-powered blower
- ideal for noise-sensitive areas.*

BGA 85

Professional
STIHL Lithium-Ion
Handheld Blower
Series 4853

AP
SERIES



Weight w/o Battery	3.2 kg (7.1 lbs.)
Weight w/AP 300	4.9 kg (10.9 lbs.)
Run Time w/AP 300	Up to 24 minutes
Blowing Force*	10 Newtons
Avg. Air Velocity	47 m/sec. (104 mph)
Max. Air Velocity	56 m/sec. (125 mph)
Air Volume at Nozzle	665 m ³ /h (391 cfm)
Sound Pressure Rating	64 dB(A)

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

Note: Batteries and chargers must be purchased separately.

Features

- Variable-speed trigger for precise control
- Commercial-grade, brushless motor
- Excellent blowing performance at 104 mph and 391 cfm at the nozzle
- Built-in hanging slot for easy storage
- No gradual drop in power - blower runs at full speed until battery needs recharging
- Two-stage axial fan for excellent performance and high air flow
- For additional information on standard features, see page 233.

Optional Accessories

- Curved flat nozzle (4606 701 8301)
- Battery case (See page 246.)
- For available battery and charger options, see pages 234-246.

The high-performance power of STIHL Lithium-Ion battery technology helps reduce environmental impact during your landscaping tasks.

**Professional
STIHL Lithium-Ion
Handheld Blower
Series 4866**

**AP
SERIES**



Weight w/o Battery	2.5 kg (5.5 lbs.)
Run Time w/AR 3000	Up to 395 minutes
Blowing Force (Boost Mode)*	17 Newtons
Avg. Air Velocity	63 m/sec. (141 mph)
Max. Air Velocity (Boost Mode)	75 m/sec. (168 mph)
Air Volume at Nozzle	840 m ³ /h (494 cfm)
Sound Pressure Rating (Stage 1)	56 dB(A)

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

Note: Batteries and chargers must be purchased separately.

Note: No on-board battery slot – socket style connection, see page 235.

Features

- Variable-speed throttle trigger for precise control
- Commercial-grade brushless motor
- 3 performance levels plus "Boost" mode for optimal run times
- Lightweight, well balanced, good handling and ergonomics
- High performance and rugged durability for lifetime use
- Rear-mounted air intake allows for right- or left-handed use
- Onboard harness mounting loops provides easy attachment to harness
- Great for quick cleanups, especially in noise-sensitive areas
- For additional information on standard features, see page 233.

Optional Accessories

- AP battery belt (4850 490 0500), AP battery bag with connecting cable (4850 440 5103)
- "Adapter set", for use with contact pad (4866 007 1000)
- Contact Pad, for use with AR harness system (4866 740 2500)
- For available battery and charger options, see pages 234-246.

**STIHL's lightest and quietest commercial-grade,
Lithium-Ion-powered blower.**

NEW! BGA 200

Professional
STIHL Lithium-Ion
Handheld Blower
Series BAO1

AP
SERIES



Weight w/o Battery	3.1 kg (6.8 lbs.)
Run Time w/AR 3000 L	Up to 536 minutes
Blowing Force (Boost Mode)*	21 Newtons
Avg. Air Velocity (Boost Mode)	70 m/sec. (150 mph)
Max. Air Velocity (Boost Mode)	84 m/sec. (188 mph)
Air Volume at Nozzle (Boost Mode)	940 m ³ /h (553 cfm)
Sound Pressure Rating (All Stages)	59 dB(A)

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

Note: Batteries and chargers must be purchased separately.

Note: No on-board battery slot – socket style connection, see page 235.

Features

- Most powerful, dedicated handheld blower in the STIHL range
- Perfect for routine yard cleanup jobs
- Ergonomic design to reduce wrist torsion
- Variable-speed throttle trigger for precise control
- 25% more blowing force than BGA 100
- 3 performance levels and "Boost" mode for optimal run times, plus cruise control
- Rear-mounted air intake allows for right- or left-handed use
- Commercial-grade brushless motor
- Blower tube with metal ring
- Adjustable blower tube length
- For additional information on standard features, see page 233.

Optional Accessories

- Carrying system (BA01 490 0400)
- For available battery and charger options, see pages 234-246.

STIHL's most powerful, battery-powered, handheld blower.

Homeowner
STIHL Lithium-Ion
Handheld
Garden Shears
Series 4515



Weight w/o Battery*	0.6 kg (1.3 lbs.)
Weight w/Battery*	0.8 kg (1.8 lbs.)
Run Time	Up to 110 minutes
Hedge Shear Blade Length	20.0 cm (7.9")
Grass Shear Blade Length	12.0 cm (4.7")
Max. Cutting Diameter (Of twigs or weeds)	0.8 cm (0.31")
Strokes per minute	2,000

*Weight with grass shear attachment.

Note: Comes with battery and charger. See pages 234-246 for more information.

Features

- Lightweight, portable and high-performance product
- Standard with grass shear, hedge shear, carrying case and battery charger
- Runs at full speed until battery is depleted (up to 110 minutes) with no gradual drop in power
- For additional information on standard features, see page 233.

Optional Accessory

- HS Resin Remover and Blade Cleaner (0782 420 1002)

Ideal homeowner tool for maintaining ornamental shrubs and delicate grass trimming.

HSA 45

Homeowner
STIHL Lithium-Ion
Hedge Trimmer
Series 4511

AI
SERIES



Weight w/Integrated Battery	2.3 kg (5.1 lbs.)
Run Time	Up to 40 minutes
Charge Time	210 minutes
Blade Length	50 cm (20")
Strokes per Minute	2,500

Note: Comes with integrated battery and charger. See pages 234-246 for more information.

Features

- Lightweight and portable with integrated 18-volt battery
- 40 minutes of run time on a single charge helps you complete more work
- 20" double-sided blades with tooth spacing of 0.7" provide excellent clean cuts with low vibration
- High cutting speed - 2,500 strokes per minute
- LED level of charge indicator/tool status
- Built-in hanging slot for easy storage
- For additional information on standard features, see page 233.

Optional Accessory

- HS Resin Remover and Blade Cleaner (0782 420 1002)

The HSA 45 can clear a 20-inch-wide hedge, more than a football field long, on a single charge.

HSA 56

Homeowner
STIHL Lithium-Ion
Hedge Trimmer
Series 4521

AK
SERIES



Weight w/o Battery	2.9 kg (6.4 lbs.)
Weight w/AK 10	3.7 kg (8.2 lbs.)
Run Time w/AK 10	Up to 40 minutes
Blade Length	45 cm (18")
Strokes per Minute	2,800

Note: Batteries and chargers can be purchased separately or as a set combined with tool.

Features

- Value-priced set includes power tool, AK 20 battery and AL 101 charger
- Instant, pull-trigger startup
- Lightweight and portable with no power cord
- 18" double-sided, ground-forged blades with integrated blade tip protection
- High 2,800 strokes per minute cutting speed and 1.1" tooth spacing tame overgrown hedges and provide optimal performance
- Built-in hanging slot for easy storage
- No engine or filter maintenance, no fuel mixing or fuel-related problems
- For additional information on standard features, see page 233.

Optional Accessories

- AK battery cover (4520 602 0900), AK 20 battery (4520 400 6504), AK 30 battery (4520 400 6513), Battery case (See page 246.)
- HS Resin Remover and Blade Cleaner (0782 420 1002)
- For available battery and charger options, see pages 234-246.

Battery-Powered Tools

The HSA 56 can trim a hedge, more than three football fields long, on a single charge.

HSA 66

Homeowner
STIHL Lithium-Ion
Hedge Trimmer
Series 4851

AP
SERIES



Weight w/o Battery	3.1 kg (6.8 lbs.)
Weight w/AP 100	3.9 kg (8.6 lbs.)
Run Time w/AP 100	Up to 60 minutes
Blade Length	50.0 cm (20")
Strokes per Minute	3,000

Note: Batteries and chargers must be purchased separately.

Features

- Variable-speed throttle trigger for precise control
- Commercial-grade, high-torque brushless motor
- No fuel or power cord - just pull the trigger and go
- High cutting speeds allow more trimming in a short amount of time
- Minimal maintenance (no engine or filter maintenance)
- Tip protector helps prevent blade tips from being dulled or damaged
- 20" double-sided reciprocating blades are perfect for most jobs and offer superior maneuverability and control
- Tooth spacing and diamond-ground blade edges result in cleaner cuts
- Built-in hanging slot for easy storage
- For additional information on standard features, see page 233.

Optional Accessories

- Battery case (See page 246.)
- HS Resin Remover and Blade Cleaner (0782 420 1002)
- For available battery and charger options, see pages 234-246.

This commercial-grade, battery-powered hedge trimmer delivers longer run times and is lighter than the previous model.

HSA 94 R

Professional
STIHL Lithium-Ion
Hedge Trimmer
Series 4869

AP
SERIES



Weight w/o Battery	4.1 kg (9.0 lbs.)
Run Time w/AR 1000	Up to 380 minutes
Blade Length	60.0 cm (24")
Strokes per Minute (Levels 1, 2, 3)	2,800 / 3,000 / 3,200

Note: Batteries and chargers must be purchased separately.

Note: No on-board battery slot – socket style connection, see page 235.

Features

- Pruning version (**R**) designed for high torque, low blade speed for heavy-duty work
- Same blades as used on HS 82 R
- Variable-speed trigger with three performance level settings to optimize performance and run time
- Commercial-grade, brushless motor
- Rotating multi-function control handle adjusts for top or side cutting
- Automatic "reverse" of motor allows blades to release if jammed by obstruction
- Two-handled design is suitable for both right- and left-handed users
- Lightweight and easy to maneuver
- Blade tip protector helps prevent damage
- Weather resistant for operation in wet conditions
- Built-in hanging slot for easy storage
- For additional information on standard features, see page 233.

Optional Accessories

- HS Resin Remover and Blade Cleaner (0782 420 1002)
- For available battery and charger options, see pages 234-246.

Higher torque plus blade with larger tooth gap designed for heavy pruning and rejuvenation.



**Same cutting power and durability
as gasoline-powered hedge trimmers, but with the benefits
of a battery-powered trimmer.**

HSA 94 T

Professional
STIHL Lithium-Ion
Hedge Trimmer
Series 4869

AP
SERIES



Weight w/o Battery	3.9 kg (8.6 lbs.)
Run Time w/AR 1000	Up to 380 minutes
Blade Length	60.0 cm (24")
Strokes per Minute (Levels 1, 2, 3)	4,400 / 4,700 / 5,000

Note: Batteries and chargers must be purchased separately.

Note: No on-board battery slot – socket style connection, see page 235.

Features

- Trimming version (T) designed for increased blade speed for more precise trimming
- Same blades as used on HS 82 T
- Variable-speed trigger with three performance level settings to optimize performance and run time
- Commercial-grade, brushless motor
- Rotating multi-function control handle adjusts for top or side cutting
- Automatic "reverse" of motor allows blades to release if jammed by obstruction
- Two-handed design is suitable for both right- and left-handed users
- Lightweight and easy to maneuver
- Blade tip protector helps prevent damage
- Weather resistant for operation in wet conditions
- Built-in hanging slot for easy storage
- For additional information on standard features, see page 233.

Optional Accessories

- HS Resin Remover and Blade Cleaner (0782 420 1002)
- For available battery and charger options, see pages 234-246.

Increased blade speed plus blade with finer tooth pitch designed for precise trimming and sculpting.



**Same cutting power and durability
as gasoline-powered hedge trimmers, but with the benefits
of a battery-powered trimmer.**

NEW! HLA 56

Homeowner
STIHL Lithium-Ion
Extended-Reach
Hedge Trimmer
Series HA01

AK
SERIES



Weight w/o Battery	3.8 kg (8.4 lbs.)
Weight w/AK 20	5.0 kg (11.1 lbs.)
Run Time w/AK 20	Up to 80 minutes
Blade Length	45.7 cm (18")
Strokes per Minute	2,800

Note: Batteries and chargers must be purchased separately.

Features

- Total length with blade 6.8' (203 cm)
- Ideally suited for occasional trimming and shaping of hard-to-reach hedge and shrubs and use in noise-sensitive areas
- Lightweight, portable and easy to maneuver
- Articulating cutting blade adjusts 135° with 7 locking positions for optimal control
- High cutting speed trims larger branches quickly and efficiently
- Double-sided blades are laser-cut and diamond-ground to provide clean cuts while droplet shape holds branches against blade and also serve as blade guards
- Split shaft with quick-release coupling allows for easy transport and storage
- For additional information on standard features, see page 233.

Optional Accessories

- 20" shaft extension (HA01 820 5000)
- For available battery and charger options, see pages 234-246.

Tackle tall hedges and shrubs like a pro with this extended-reach hedge trimmer with articulating 135° cutting blade.

HLA 65

Professional
STIHL Lithium-Ion
Extended-Reach
Hedge Trimmer
Series 4859

AP
SERIES



Weight w/o Battery	3.4 kg (7.5 lbs.)
Weight w/AP 300	5.1 kg (11.3 lbs.)
Run Time w/AP 300	Up to 180 minutes
Blade Length	50 cm (20")
Strokes per Minute	3,000

Note: Batteries and chargers must be purchased separately.

Features

- Total length with blade 6.9' (206 cm)
- Variable-speed throttle trigger for precise control
- Commercial-grade, high-torque brushless motor
- Adjustable, foldable cutter bar with automatic blade stop when folded and 105° working range
- No fuel or power cord – just pull the trigger and go
- Minimal maintenance (no engine or filter maintenance)
- 20" double-sided reciprocating blades, with tip protector

- Built-in hanging slot for easy storage
- For additional information on standard features, see page 233.

Optional Accessories

- Support stand (4855 820 1000), Support stand screws – 4 needed (9074 477 4132)
- HS Resin Remover and Blade Cleaner (0782 420 1002)
- Leaf/debris catcher rake (4859 740 3300)
- Battery case (See page 246.)
- For available battery and charger options, see pages 234-246.

Commercial-grade, extended-reach hedge trimmer with the simplicity of STIHL Lithium-Ion battery technology.

HLA 85

Professional
STIHL Lithium-Ion
Telescopic
Hedge Trimmer
Series 4859

AP
SERIES



Shown with optional foot stand.

Weight w/o Battery	4.0 kg (8.8 lbs.)
Weight w/AP 300	5.7 kg (12.6 lbs.)
Run Time w/AP 300	Up to 180 minutes
Blade Length	50 cm (20")
Strokes per Minute	3,000

Note: Batteries and chargers must be purchased separately.

Features

- Telescopic shaft extends from 8.5' to 10.5' (260 - 320 cm)
- Commercial-grade, brushless, high-efficiency motor
- Variable-speed throttle trigger for precise control
- Gearbox folds back along shaft for easier storage
- No fuel or power cord - just pull the trigger and go
- 20" (50 cm) double-sided reciprocating blades
- Gearbox and cutter bar has adjustable 105° working range for cutting tops of high shrubs and other hard-to-reach places

- For additional information on standard features, see page 233.

Optional Accessories

- Support stand (4855 820 1000), Support stand screws - 4 needed (9074 477 4132)
- HS Resin Remover and Blade Cleaner (0782 420 1002)
- Leaf/debris catcher rake (4859 740 3300)
- Battery case (See page 246.)
- For available battery and charger options, see pages 234-246.

Commercial-grade, lightweight, telescopic, extended-reach hedge trimmer for professionals.

NEW! GTA 26

Homeowner
STIHL Lithium-Ion
Garden Pruner
Series GA01



Weight w/o Battery*	1.2 kg (2.7 lbs.)
Weight w/Battery*	1.4 kg (3.1 lbs.)
Run Time	Up to 25 minutes

*Weight with cutting attachment

Note: May be purchased as a set with AS 2 battery and AL 1 charger, or as a unit only. See pages 234-246 for more information.

Features

- 1/4" PM3 saw chain with 4" bar length - clean, smooth cuts, low vibration
- Battery indicator (4 LEDs) - battery charge status
- Toolless chain tensioner - quick, easy chain replacement or tensioning
- Transport and storage bag

Optional Accessories

- Replacement saw chain (new) - (3670 005 0028)
- Replacement guide bar (new) - (3007 003 0101)
- 50 ml Multi-oil bio (new) - (0782 516 8501)

Versatile, handheld, battery-powered garden pruner with high cutting performance, power and precise cutting pattern

HTA 65

Professional
STIHL Lithium-Ion
Fixed-Length
Pole Pruner
Series 4857

AP
SERIES



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
OILOMATIC® Chain	1/4" STIHL PICCO™
Guide Bar Size	10" or 12" (25 or 30 cm)

Note: The actual listed guide bar length can vary from the effective cutting length based on the gear head design.

Note: Batteries and chargers must be purchased separately.

Features

- Variable-speed throttle trigger for precise control
- Commercial-grade, high-torque, brushless motor
- Low operating costs, no fuel or power cord and minimal maintenance
- Fixed-length pole is 7'9" for those hard-to-reach limbs
- Automatic chain oiling for proper lubrication of guide bar and saw chain
- For additional information on standard features, see page 233.

Optional Accessories

- Back support carrier system (4182 790 4400)
- 2-in-1 file guide (5605 750 4306), 1/4" STIHL PICCO™ (5605 750 4306),
- Support stand (4855 820 1000), Support stand screws - 4 needed (9074 477 4132)
- Battery case (See page 246.)
- For available battery and charger options, see pages 234-246.

Battery-Powered Tools

Fixed-length pole pruner with exclusive, custom-designed 1/4" STIHL PICCO™ Micro™ saw chain.

HTA 85

Professional
STIHL Lithium-Ion
Telescopic
Pole Pruner
Series 4857

AP
SERIES



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
OILOMATIC® Chain	1/4" STIHL PICCO™
Guide Bar Size	10" or 12" (25 or 30 cm)

Note: The actual listed guide bar length can vary from the effective cutting length based on the gear head design.

Note: Batteries and chargers must be purchased separately.

Features

- Pole extends to over 12' for those hard-to-reach limbs
- Commercial-grade, high-torque, brushless motor
- Variable-speed throttle trigger for precise control
- Low operating costs, no fuel or power cord and minimal maintenance
- Automatic chain oiling for proper lubrication of guide bar and saw chain
- For additional information on standard features, see page 233.

Optional Accessories

- Back support carrier system (4182 790 4400)
- 2-in-1 file guide (5605 750 4306), 1/4" STIHL PICCO™ (5605 750 4306),
- Support stand (4855 820 1000), Support stand screws - 4 needed (9074 477 4132)
- Battery case (See page 246.)
- For available battery and charger options, see pages 234-246.

Commercial-grade, telescopic pole pruner with exclusive, custom-designed 1/4" STIHL PICCO™ Micro™ saw chain.

KMA 130 R

Professional
STIHL Lithium-Ion
KombiMotor
Series 4867

AP
SERIES



Weight w/o Battery	3.2 kg (7.1 lbs.)
Blowing Force* (with BG-KM)	15 Newtons
Avg. Air Velocity (with BG-KM)	58 m/sec. (130 mph)
Air Volume at Nozzle (with BG-KM)	815 m ³ /h (480 cfm)

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

Note: Batteries and chargers must be purchased separately.

Note: No on-board battery slot – socket style connection, see page 235.

Features

- Combine with many of the numerous KM attachments to tackle a variety of landscaping and cleanup tasks
- Extend reach with either the carbon fiber or steel extension
- Commercial-grade, brushless motor
- Low noise and zero exhaust emissions
- Variable-speed trigger
- Lightweight and easy to maneuver – powered by battery belt or backpack

- 3 performance levels for optimal run times with no gradual drop in power
- For additional information on standard features, see page 233.

Optional Accessories

- For available KombiSystem attachments and shaft extensions, see pages 166-171.
- Harness (0000 007 1045)
- For available battery and charger options, see pages 234-246.

Not for use with FSB-KM attachment!

Combine the KMA 130 R with any of STIHL's KombiSystem attachments to take on a wide variety of tasks.

RMA 460

Homeowner
STIHL Lithium-Ion
Lawn Mower
Series 6368

AK
SERIES



Weight* w/o Battery	25.0 kg (55.1 lbs.)
Weight* w/AK 30	26.3 kg (58.0 lbs.)
Area Mowed w/AK 30	Approx. 2,852 sq. ft.
Deck Width	48.0 cm (19")
Cutting Width	46.0 cm (18.1")
Cutting Height	1.4"- 3.9"
Grass Catcher Capacity	60.0 L (15.85 gal.)

*Weight is with bag, without mulch insert and side discharge chute

Note: Batteries and chargers must be purchased separately.

Features

- Brushless motor features ECO Mode, which automatically adjusts power use based on grass height, conserving battery life and extending run time
- Easy to adjust 3-position handlebar for optimal comfort
- Single-action, central cutting height adjuster allows seven cutting heights from 1.4" to 3.9"
- Standard 15.85 gal. rear bag, side discharge chute and mulch insert
- 8" front wheels and 10" rear wheels with ball bearings make mower easy to push and provide an even weight distribution
- For additional information on standard features, see page 233.

Optional Accessories

- Battery case (See page 246.)
- For available battery and charger options, see pages 234-246.

A walk-behind battery-powered lawn mower with a 19" deck.

NEW! RMA 460 V

Homeowner
STIHL Lithium-Ion
Self-Propelled
Lawn Mower
Series 6368

AK
SERIES



Weight w/o Battery	28.0 kg (61.7 lbs.)
Weight w/AK 30	29.2 kg (64.4 lbs.)
Area Mowed w/AK 30	Approx. 2,347 sq. ft.
Deck Width	48.0 cm (19")
Cutting Width	46.0 cm (18.1")
Cutting Height	1.0"-3.9"
Grass Catcher Capacity	60.0 L (15.85 gal.)
Self-Propelled Mower Speed	0.6 mph to 2.8 mph

*Weight is with bag, without mulch insert and side discharge chute

Note: Batteries and chargers must be purchased separately.

Features

- Ideal for small, suburban yards with the ease and convenience of self-propelling
- Variable-speed setting lets operator select best speed for their needs and for battery conservation
- Brushless motor features ECO Mode, which automatically adjusts power use based on grass height, conserving battery life and extending run time
- Single-action, central cutting height adjuster allows seven cutting heights from 1.0" to 3.9"
- Standard 15.85 gal. rear bag, side discharge chute and mulch insert
- For additional information on standard features, see page 233.

Optional Accessories

- Battery case (See page 246.)
- For available battery and charger options, see pages 234-246.

**Same great features as the RMA 460
offered as a variable-speed, self-propelled mower.**

RMA 510

Homeowner
STIHL Lithium-Ion
Lawn Mower
Series 6372

AP
SERIES



Battery-Powered Tools

Weight w/o Battery	27.0 kg (59.5 lbs.)
Weight w/AP 300	29.8 kg (63.3 lbs.)
Area Mowed w/AP 300	Approx. 5,100 sq. ft.
Deck Width	53.3 cm (21")
Cutting Width	51.0 cm (20")
Cutting Height	1.4"-3.5"
Grass Catcher Capacity	75.0 L (19.8 gal.)

*Weight is with bag, without mulch insert and side discharge chute

Note: Batteries and chargers must be purchased separately.

Features

- Brushless motor features ECO Mode, which automatically adjusts power use based on grass height, conserving battery life and extending run time
- Easy to adjust 3-position handlebar for optimal comfort
- Single-action, central cutting height adjuster allows seven cutting heights from 1.4" to 3.5"
- Standard 19.8 gal. rear bag, side discharge chute and mulch insert
- 8" front wheels and 10" rear wheels with ball bearings make mower easy to push and provide an even weight distribution
- For additional information on standard features, see page 233.

Optional Accessories

- Battery case (See page 246.)
- For available battery and charger options, see pages 234-246.

The lightweight RMA 510 has a wide 21" deck width and can mow over 5,100 sq. ft. on a single charge.

NEW! RMA 510 V

Homeowner
STIHL Lithium-Ion
Self-Propelled
Lawn Mower
Series 6372

AP
SERIES



Weight w/o Battery	29.0 kg (63.9 lbs.)
Weight w/AP 300	30.7 kg (67.7 lbs.)
Area Mowed w/AP 300	Approx. 2,562 sq. ft.
Deck Width	53.3 cm (21")
Cutting Width	51.0 cm (20")
Cutting Height	1.0"-3.9"
Grass Catcher Capacity	75.0 L (19.8 gal.)
Self-Propelled Mower Speed	0.6 mph to 2.8 mph

*Weight is with bag, without mulch insert and side discharge chute

Note: Batteries and chargers must be purchased separately.

Features

- A powerful, self-propelled mower ideal for medium size suburban yards
- Variable-speed setting lets operator select best speed for their needs and for battery conservation
- Brushless motor features ECO Mode, which automatically adjusts power use based on grass height, conserving battery life and extending run time
- Single-action, central cutting height adjuster allows seven cutting heights from 1.0" to 3.9"
- Standard 19.8 gal. rear bag, side discharge chute and mulch insert
- For additional information on standard features, see page 233.

Optional Accessories

- Battery case (See page 246.)
- For available battery and charger options, see pages 234-246.

*Same great features as the RMA 510
offered as a variable speed, self-propelled mower.*

TSA 230

Professional
STIHL Lithium-Ion
Cut-Off Machine

Series 4864

AP
SERIES



Diamond wheel optional.

Weight w/o Battery and Wheel	3.9 kg (8.6 lbs.)
Weight w/AP 300	5.6 kg (12.4 lbs.)
Run Time w/AP 300	Up to 18 minutes
Cutting Depth	7 cm (2.75")
Wheel Diameter	22.9 cm (9")
Arbor Size	22 cm (7/8")

Note: Batteries and chargers must be purchased separately.

Features

- Lightweight, compact design for excellent control and maneuverability
- Commercial-grade brushless motor
- Lithium-Ion-powered brushless motor for quiet, high-torque operation
- Onboard water connection and control suppresses dust for wet cutting
- Built-in wheel lock prevents wheel from rotating when removing wheel attachment bolt
- High-performance Lithium-Ion battery
- Available depth guide with vacuum adapter to help reduce dust in sensitive areas

- For additional information on standard features, see page 233.

Optional Accessories

- Metal abrasive wheel (0835 012 8000); B 10 diamond wheel (0835 090 2029); X 100 diamond wheel (0835 092 2000)
- Depth limiter and vacuum adapter (4864 690 0802)
- Pressurized water tank (000 6760 6000)
- Battery case (See page 246.)
- For available battery and charger options, see pages 234-246.

Commercial grade. The world's first Lithium-Ion-powered cut-off machine. Lightweight, easy to handle and gets the job done fast.

INTRODUCING STIHL connected



This new and innovative digital system is designed to be used by fleet managers to manage their products.

Comprised of both hardware and software, this system includes the STIHL Smart Connector - a Bluetooth device which attaches to your STIHL product. This device uses the STIHL app to collect data on the product and stores it on STIHL cloud and information is accessible through the STIHL connect pro portal or the STIHL app. The app is iOS and Android compatible.



Using tape or screws, the Bluetooth device easily attaches to any product that creates a detectable RF signal, whether gasoline-, battery- or corded-electric powered.

The STIHL connected provides an overview of all your products and displays the following product information:

- Run time
- Last known physical location
- STIHL connector information
- Battery life
 - Total operating hours
 - Date installed
 - Maintenance overview
- Part number
- Serial number
- Local dealer information
- Ability to add new products
- Warranty expiration date
- Links to helpful product videos
- Instruction manual
- Hour-based maintenance recommendations

STIHL LITHIUM-ION iMOW® ROBOTIC MOWERS



The Automation You've Been Waiting For.

With the STIHL iMOW®, enjoy your lawn without doing any of the work! This smart mower with high-performance STIHL battery technology will quietly and efficiently mow your lawn for you and has automated and customizable features, such as intelligent hood sensor, flexible programming, automatic charging and more.

iMOW® Advantages:

- **More Intelligence - A Mower That Thinks**
iMOW® has a mowing plan tailored to your yard. It's fast and easy to use for a great looking lawn.
- **Mows Evenly Across All Areas**
iMOW® can be programmed to mow a variety of yard layouts (like a front or back yard).
- **A Beautiful Lawn in Every Way**
iMOW® has an edge mowing option to get a clean cut along the edges of your mowing area.
- **Maximum Flexibility During Charging and Mowing**
To cover large areas in a short time, iMOW® can recharge faster and adjust its speed to suit the mowing conditions.
- **Quiet**
iMOW® mows so quietly, your neighbors will hardly notice it's there. Plus, iMOW® emits no exhaust emissions while working.
- **Allergy Relief**
iMOW® doesn't kick up dust and dirt like a traditional mower, which helps provide relief for people with allergies.

STIHL iMOW® PRODUCTS



RMI 422 SERIES

For Small Lawns Up to 1/4 Acre

Perfect for small lawns, around pools and even yards with hilly terrain, this fast, maneuverable RMI 422 series covers every last corner of your lawn. Its compact dimensions are well suited to easily navigate your yard.



RMI 632 SERIES

For Large Lawns Up to 1 Acre

With a more powerful battery and 11-inch cutting width, the RMI 632 series handles larger lawns with ease. Mows up to 150 minutes on a single charge and includes a removable control panel for easy access and programming – without needing to bend down to reach the controls.

iMOW® Working Ranges (Area and Time)

	Max. Area	Weekly Mowing Time
RMI 422 P	.37 acre	25 hours
RMI 422 PC-L	.42 acre	28 hours
RMI 632 P	1.0 acre	40 hours
RMI 632 PC-L	1.24 acre	50 hours

RMI 422 P

Homeowner
STIHL iMOW® Lithium-Ion
Robotic Lawn Mower
Series 6301



Weight w/Battery	9.0 kg (19.8 lbs.)
Max. Lawn Area	RMI 422 P: Approx. .37 acre RMI 422 PC-L: Approx. .42 acre
Max. Slope	22°
Cutting Height	0.79"-2.4" (20-60 mm)
Cutting Width	20.0 cm (7.8")
Avg. Run Time per Charge	60 minutes

Battery-Powered Tools

Features

- Flexible programming allows automatic mowing and charging, rain sensor to skip mowing during rain, variety of mow times, including nighttime operation, yard size, shape configuration and more!
- Easy and secure programming with large LCD screen with secure user PIN
- Comes standard with long life 18.5-volt Lithium-Ion battery, docking station and 32 ft. cord
- 7.8" inductive hardened blade provides high-quality cut, even through tough grass and requires no tools for replacement
- Mows and mulches daily, keeping lawn healthier and more attractive

- Extremely quiet, creates less dust and allergens
- For information on mowing ranges, see page 285.

Optional Model

LTE version available using STIHL smartphone app

- **RMI 422 PC-L** models can be geofenced to the yard, notifying the user via the STIHL app of the iMOW®'s current location or if it has been moved. The AT&T LTE connection is provided by STIHL without additional connection fees for the life of the iMOW®.

A robotic lawn mower from STIHL that provides convenient, hassle-free lawn care. Available with LTE technology.

RMI 632 P

Homeowner
STIHL iMOW® Lithium-Ion
Robotic Lawn Mower
Series 6309



Version
Available



Weight w/Battery	13.0 kg (28.6 lbs.)
Max. Lawn Area	RMI 632 P: Approx. 1.0 acre RMI 632 PC-L: Approx. 1.24 acre
Max. Slope	24°
Cutting Height	0.79"-2.4" (20-60 mm)
Cutting Width	28.0 cm (11.0")
Avg. Run Time per Charge	150 minutes

Features

- Flexible programming allows automatic mowing and charging, rain sensor to skip mowing during rain, variety of mow times, including nighttime operation, yard size, shape configuration and more!
- Easy and secure programming with large removable LCD screen with secure user PIN
- Comes standard with long life 29-volt Lithium-Ion battery, docking station and 32 ft. cord
- 11" inductive hardened blade provides high-quality cut, even through tough grass and requires no tools for replacement
- Mows and mulches daily, keeping lawn healthier and more attractive

- Extremely quiet, creates less dust and allergens
- For information on mowing ranges, see page 285.

Optional Model

LTE version available using STIHL smartphone app

- **RMI 632 PC-L** models can be geofenced to the yard, notifying the user via the STIHL app of the mower's current location or if it has been moved. The AT&T LTE connection is provided by STIHL without additional connection fees for the life of the mower.

A robotic lawn mower from STIHL that provides high-performance lawn care. Available with LTE technology.

iMOW® ROBOTIC LAWN MOWER ACCESSORIES

Item	Fits Model(s)	Part Number
Small Installation Kit 164 yds. of Perimeter Wire (2.3mm)	RMI 422, RMI 632	6909 007 1018
Large Installation Kit 437 yds. of Perimeter Wire (2.3mm)	RMI 632	6909 007 1019
Docking Station Canopy	RMI 422, 632	6909 780 5405
High Traction Wheels	RMI 422	6909 700 0425
High Traction Wheels	RMI 632	6909 700 0412
Weighted Front Wheels	RMI 422, 632	6909 007 1052
Replacement Blade	RMI 422 P Only	6301 702 0101
Replacement Blade	RMI 632 P Only	6309 702 0102
ARB 151 Perimeter Wire 164 yds. (2.3mm)	–	0000 400 8630
ARB 501 Perimeter Wire 547 yds. (3.4mm)	–	0000 400 8625
AFN 075 Perimeter Wire Stakes	–	6301 007 1010
ADV 010 Perimeter Wire Repair Connectors (Only for 2.3mm, 3.4 mm wire)	–	6909 007 1090

STIHL ELECTRIC-POWERED TOOLS

STIHL electric outdoor power equipment combines performance, portability and convenience – all in an environmentally conscious package. Both homeowners and professionals appreciate their smooth, quiet operation, instant starting and lightweight design.

STIHL electric power tools are easy to use – just plug them in and they're ready to start with the squeeze of a trigger. And because there's no gasoline engine to maintain, season after season, these yard tools are easier to own. They're also easy to store, requiring no winterization during long-term storage. Combined with their quiet operation and zero exhaust emissions, STIHL electric yard tools are the ideal choice for densely populated and noise-sensitive areas.

- Tools are easy to operate – just plug them in and get to work.
- Zero exhaust emissions, important when working in close quarters.
- The tools are much quieter than their gasoline-powered equivalents.
- Lightweight as compared to equivalent gasoline-powered models.
- Low noise levels and reduced vibration.
- No fuel mixing, no fumes, no gummed-up carburetors.
- Minimal maintenance – no engine or filter maintenance.
- Smooth surfaces with rounded contours for excellent handling and ergonomics and easy to clean.
- Electric products offer a range of convenient features, like built-in cord retainers, hanging slots for storage and multi-function handles.



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

MSE 141

Homeowner
Electric Chain Saw
Series 1208



Voltage	120 volt (60 Hz)
Motor Output	1.4 kW (11.6 amps)
Weight*	2.9 kg (6.38 lbs.)
Chain Oil Capacity	215 cc (7.27 oz.)
OILOMATIC® Chain	3/8" PM3
Guide Bar Length	30 cm (12") STIHL ROLLOMATIC® E

*Powerhead only.

Note: STIHL recommends (71 PM3 64) OILOMATIC® saw chain and 12" 3005 008 3405 Ematic™ guide bar combination. The actual listed guide bar length can vary from the effective cutting length based on which powerhead it is installed on.

Features

- Lightweight and compact - exceptional ergonomics and handling
- Extension cord retainer helps avoid disconnections and interruptions during use
- For additional information on standard features, see page 289.

Optional Accessories

- Bar and chain lubricant
- Chain saw carry case

Recommended electrical extension cord wire size:

- 25 ft./14 AWG
- 50 ft./12 AWG

WARNING FOR CORDED ELECTRIC AND BATTERY CHAIN SAW USERS!

The fibers may not stop the sprocket on most corded electric chain saws and some battery-powered chain saws because of the constant high torque. However, to reduce the severity of injury from accidental contact with the chain, STIHL recommends that leg protection be worn when operating these types of chain saws.

Affordable, corded electric chain saw with excellent cutting performance for homeowners and carpenters.

MSE 170 C-B

Homeowner
Electric Chain Saw
Series 1209



Voltage	120 volt (60 Hz)
Motor Output	1.6 kW (13.1 amps)
Weight*	3.8 kg (8.4 lbs.)
Chain Oil Capacity	200 cc (6.8 oz.)
OILOMATIC® Chain	3/8" PM3
Guide Bar Lengths (Recommended ranges)	30 to 40 cm (12" to 16") STIHL ROLLOMATIC® E

*Powerhead only.

Note: STIHL recommends #3636 (63 PM3 50) OILOMATIC® saw chain and 14" 3005 000 4809 Ematic™ guide bar combination. The actual listed guide bar length can vary from the effective cutting length based on which powerhead it is installed on.

Features

- More power than previous model
- Soft grip handle
- Toolless Quick Chain Adjuster (QCA) for fast and easy chain adjustment (B) (See page 24)
- Toolless oil cap
- Wide trigger switch
- Lightweight - comfortable to operate
- For additional information on standard features, see page 289.

Optional Accessories

- 12" (3005 000 7405), 14" (3005 000 7409) and 16" (3005 000 7413) Lightweight Ematic™ guide bars are also available

Recommended electrical extension cord wire size:

- 25 ft./14 AWG
- 50 ft./12 AWG

WARNING FOR CORDED ELECTRIC AND BATTERY CHAIN SAW USERS!

The fibers may not stop the sprocket on most corded electric chain saws and some battery-powered chain saws because of the constant high torque. However, to reduce the severity of injury from accidental contact with the chain, STIHL recommends that leg protection be worn when operating these types of chain saws.

*Lightweight electric chain saw with power to spare
for trimming and firewood cutting.*

MSE 210 C-B

Homeowner
Electric Chain Saw
Series 1209



Voltage	120 volt (60 Hz)
Motor Output	1.8 kW (15.0 amps)
Weight*	4.2 kg (9.4 lbs.)
Chain Oil Capacity	200 cc (6.8 oz.)
OILOMATIC® Chain	3/8" PM3
Guide Bar Lengths (Recommended ranges)	30 to 40 cm (12" to 16") STIHL ROLLOMATIC® E

*Powerhead only.

Note: STIHL recommends #3636 (63 PM3 55) OILOMATIC® saw chain and 14" 3005 008 4813 Ematic™ guide bar combination. The actual listed guide bar length can vary from the effective cutting length based on which powerhead it is installed on.

Features

- More power than previous model
- Soft grip handle
- Toolless Quick Chain Adjuster (QCA) for fast and easy chain adjustment (B) (See page 24)
- Toolless oil cap
- Wide trigger switch
- For additional information on standard features, see page 289.

Optional Accessories

- 12" (3005 000 7405), 14" (3005 000 7409) and 16" (3005 000 7413) Lightweight Ematic™ guide bars are also available

Recommended electrical extension cord wire size:

- 25 ft./14 AWG
- 50 ft./12 AWG

WARNING FOR CORDED ELECTRIC AND BATTERY CHAIN SAW USERS!

The fibers may not stop the sprocket on most corded electric chain saws and some battery-powered chain saws because of the constant high torque. However, to reduce the severity of injury from accidental contact with the chain, STIHL recommends that leg protection be worn when operating these types of chain saws.

Powerful electric chain saw that provides professional performance with a minimal carbon footprint.

MSE 250

Farm & Ranch
Electric Chain Saw
Series 1210



Voltage	120 volt (60 Hz)
Motor Output	1.8 kW (15.0 amps)
Weight (Powerhead only)	4.2 kg (9.4 lbs.)
Chain Oil Capacity	200 cc (6.8 oz.)
OILOMATIC® Chain	3/8" RS3 or RM3
Guide Bar Lengths (Recommended ranges)	40 to 45 cm (16" to 20") STIHL ROLLOMATIC® E

*Powerhead only.

Note: STIHL recommends #3624 (33 RS3) OILOMATIC® saw chain and 16" 3003 008 8193 Ematic™ guide bar combination. The actual listed guide bar length can vary from the effective cutting length based on which powerhead it is installed on.

Features

- Toolless oil cap
- Wide trigger switch
- Thermal overload cut-off switch
- For additional information on standard features, see page 289.

Recommended electrical extension cord wire size:

- 25 ft./14 AWG
- 50 ft./12 AWG

WARNING FOR CORDED ELECTRIC AND BATTERY CHAIN SAW USERS!

The fibers may not stop the sprocket on most corded electric chain saws and some battery-powered chain saws because of the constant high torque. However, to reduce the severity of injury from accidental contact with the chain, STIHL recommends that leg protection be worn when operating these types of chain saws.

Designed for professional users who do not require a gasoline chain saw and have a nearby electrical source.

FSE 60

Homeowner
Electric Trimmer
Series 4809



Voltage	120 volt (60 Hz)
Motor Output	0.6 kW (5.3 amps)
Weight*	4.0 kg (8.8 lbs.)
Cutting Swath	35.5 cm (14")

*Weight without cutting attachment or deflector.

Features

- Equipped with .080" STIHL Quiet Line™
- TapAction™, AutoCut® C 6-2 cutting head - simple trimmer line advancement and replacement
- STIHL special cord retainer
- Built-in hanger
- For additional information on standard features, see page 289.

Optional Accessory

- Support strap (4130 007 9000)

Recommended electrical extension cord wire size:

- 25 ft./18 AWG
- 50 ft./16 AWG
- 100 ft./16 AWG

Quiet and surprisingly powerful electric trimmer.

BGE 61

Homeowner
Electric Handheld
Blower
Series 4811



Voltage	120 V (60 hz)
Motor Output	1.1 kW (9.2 amps)
Weight	3.1 kg (6.8 lbs.)
Blowing Force*	9 Newtons
Avg. Air Velocity	58 m/sec. (130 mph)
Max. Air Velocity	66 m/sec. (148 mph)
Air Volume at Nozzle	485 m ³ /h (285 cfm)
Sound Pressure Rating	64 dB(A)

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

Features

- Lightweight and powerful
- Quiet electric motor for neighborhood use
- Built-in cord retainer
- Great for clearing debris
- For additional information on standard features, see page 289.

Optional Accessory

- Gutter cleaning kit (4241 007 1003)

Recommended electrical extension cord wire size:

- 25 ft./18 AWG
- 50 ft./16 AWG
- 100 ft./14 AWG

A powerful, quiet, easy-to-use handheld electric blower.

BGE 71

Homeowner
Electric Handheld
Blower
Series 4811



Voltage	120 V (60 Hz)
Motor Output	1.1 kW (9.2 amps)
Weight	3.1 kg (6.8 lbs.)
Blowing Force*	Low speed: 6 Newtons High speed: 9 Newtons
Avg. Air Velocity	Low speed: 47 m/sec. (105 mph) High speed: 58 m/sec. (130 mph)
Max. Air Velocity	Low speed: 53 m/sec. (119 mph) High speed: 66 m/sec. (148 mph)
Air Volume at Nozzle	Low speed: 394 m ³ /h (232 cfm) High speed: 485 m ³ /h (285 cfm)
Sound Pressure Rating	Low speed: 58 dB(A) High speed: 64 dB(A)

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

Features

- Handle-mounted, two-speed switch
- Lightweight and powerful
- Quiet electric motor for neighborhood use
- Built-in cord retainer
- Great for clearing or vacuuming debris
- For additional information on standard features, see page 289.

Optional Accessory

- Gutter cleaning kit (4241 007 1003)

Recommended electrical extension cord wire size:

- 25 ft./18 AWG
- 50 ft./16 AWG
- 100 ft./14 AWG

Versatile electric blower that has two speeds and is also compatible with our accessory vacuum kit.

Homeowner Electric Hedge Trimmer Series 4818



Voltage	120 volt (60 Hz)
Motor Output	460 w (3.8 amps)
Weight	3.1 kg (6.8 lbs.)
Blade Length	50.8 cm (20")
Strokes per Minute	3,400

Features

- 20" blade length for high cutting efficiency
- Two-hand control switch with loop handle and trigger interlock
- Lightweight and well-balanced design
- Front hand guard allows better view of blades in action
- Double-sided reciprocating blade
- Extension cord clip on handle
- Slot in handle guard for easy hanging and storage
- For additional information on standard features, see page 289.

Optional Accessory

- HS Resin Remover and Blade Cleaner (0782 420 1002)

Recommended electrical extension cord wire size:

- 25 ft./18 AWG
- 50 ft./16 AWG
- 100 ft./16 AWG

A dependable, lightweight hedge trimmer loaded with features and a 20" blade.

HSE 70

Homeowner
Electric Hedge Trimmer
Series 4812



Voltage	120 volt (60 Hz)
Motor Output	500 w (4.5 amps)
Weight	4.2 kg (9.3 lbs.)
Blade Length	61.0 cm (24")
Strokes per Minute	3,200

Features

- Heavy-duty gearbox
- Lightweight and well-balanced design
- Large front handle for multi-position cutting
- Transparent front hand guard
- Double-sided reciprocating blade
- Extension cord clip on handle
- Slot in handle guard for easy hanging and storage
- For additional information on standard features, see page 289.

Optional Accessory

- HS Resin Remover and Blade Cleaner (0782 420 1002)

Recommended electrical extension cord wire size:

- 25 ft./18 AWG
- 50 ft./16 AWG
- 100 ft./16 AWG

*A high-performance electric hedge trimmer with 24" blades.
Tough enough for professional use.*

RE 90

Homeowner Electric Pressure Washer Series 4951



Voltage	120 volt (60 Hz)
Motor Output	1.5 kW
Weight	10.6 kg (23.4 lbs.)
Water Pressure	1,800 psi
Water Flow	273 L/h (1.2 gpm)
Cleaning Units	2,160
Hose Length	19.0'
Power Cord Length	10.7 m (35.0')

Features

- High-quality pump design and components, including stainless steel pump pistons, and aluminum pump manifold
- Comfortable spray gun with reverse-pull trigger requires minimal effort and reduces fatigue
- 19' ultra-flexible, high-quality, no-kink hose
- Upright handle design with integrated wheels for optimal mobility and portability
- Comes standard with an adjustable nozzle, a rotating nozzle and detergent sprayer, giving users a variety of tools without additional purchases
- For additional information on standard features, see page 289.

Optional Accessories

- For a complete listing of available pressure washer accessories, see page 300.

Powerful, easy-to-use electric pressure washer for cleaning jobs around the house and garden.

OPTIONAL RE SERIES PRESSURE WASHER ACCESSORIES



23 FT. HOSE EXTENSION

(4950 500 0801)



VEHICLE CLEANING KIT

(4910 500 6100)



ROTARY SURFACE CLEANER

(4910 500 3901)



HOSE CASSETTE W/ADAPTER

(4910 500 8601)



CURVED SPRAY LANCE

(4910 500 1900)



FOAM NOZZLE

(4910 500 9600)



SPRAY LANCE EXTENSION

(4910 500 0900)

OTHER ACCESSORIES

Part Number

Rotary Washing Brush	4910 500 5900
All-Purpose Cleaner	7100 871 0274
Deck and House Wash	7100 871 0275
Heavy-Duty Degreaser	7100 871 0276

SE 62

Homeowner
Electric Wet/Dry Vacuum
Series 4784



Voltage	120 V (60 hz)
Motor Output	1.0 kW (8.3 amps)
Weight	7.5 kg (16.5 lbs.)
Suction	210 mbar (84 in H ² O)
Air Flow	3,200 L/min (113 cfm)
Container Capacity	25.0 L (6.6 gal.)
Suction Hose Length	2.5 m (8.2 ft.)
Power Cord Length	5.0 m (16.4 ft.)

Features

- Can be converted to a blower for additional cleaning tasks
- Pleated paper air filter for superior performance
- Built-in filter cleaning system for easy maintenance
- Polymer vacuum tubes
- 8 ft. suction hose
- 16 ft. electrical cord
- Vacuum attachments included with the unit - Universal tool, crevice tool, floor tool

- Built-in accessory storage for attachments

Optional Accessories

- For a complete listing of available vacuum accessories, see page 303.

This compact vacuum cleaner can tackle big jobs and is rugged, powerful and quiet.

SE 122

Professional
Electric Wet/Dry Vacuum
Series 4774



Voltage	120 V (60 hz)
Motor Output	1.0 kW (8.3 amps)
Weight	10.0 kg (22.0 lbs.)
Suction	230 mbar (91 in H ² O)
Air Flow	3,200 L/min (113 cfm)
Container Capacity	30.0 L (7.9 gal.)
Suction Hose Length	3.0 m (9.8 ft.)
Power Cord Length	7.5 m (24.6 ft.)

Features

- Pleated PET air filter for superior performance
- Additional fleece filter for trapping fine particles
- Built-in filter cleaning system for easy maintenance
- Stainless steel vacuum tubes for exceptional durability
- 10 ft. suction hose
- 25 ft. electrical cord
- Vacuum attachments included with the unit - Universal tool, crevice tool, adjustable floor tool

- Tool holder keeps all attachments with the unit

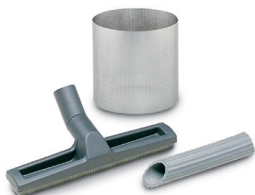
Optional Accessory

- For a complete listing of available vacuum accessories, see page 303.

Quiet, professional wet/dry vacuum for the toughest jobs.

OPTIONAL VACUUM ACCESSORIES

Accessories for both SE 62 and SE 122 unless otherwise indicated.



WET SUCTION KIT

SE 61, SE 62, SE 122:
(4901 500 9400)



CAR CLEANING KIT

SE 61, SE 62, SE 122:
(4901 500 9500)



HEAVY DEBRIS KIT (SE 122 ONLY)

SE 122: (4901 500 9300)

OTHER ACCESSORIES

	Fits Model	Part Number
Universal Suction Nozzle	SE 61, SE 62, SE 122	4901 502 2300
Long Brush Tool	SE 61, SE 62, SE 122	4901 502 2600
Turbine Brush Floor Tool	SE 61, SE 62, SE 122	4901 500 3605
Standard Plastic Crevice Tool	SE 62, SE 122	4901 502 2200
Crevice Tool (SE 61/62 only)	SE 61, SE 62	4901 502 2201
Squeegee Floor Tool for Wet Floors	SE 61, SE 62, SE 122	4901 500 7200
Floor Tool	SE 61, SE 62 SE 122	4901 500 2701 4901 500 2500
Vacuum Hose	SE 61, SE 62 SE 122	4901 500 0514 4901 500 0504
Vacuum Bags - Set of 5	SE 61, SE 62 SE 122	4901 500 9004 4901 500 9007
PET Pleated Filters (SE 122 only)	SE 122	4742 703 5900
Paper Pleated Filters (SE 61/62 only)	SE 61, SE 62	4709 703 5900

STIHL WEBSITE QUICK REFERENCE

STIHLusa.com

This is the STIHL brand website. It is full of product information, instruction manuals, helpful tips and videos. Check out the dealer locator. If your listing needs to be corrected, contact your STIHL distribution office.

STIHLmarketing.com

Product photography, ad slicks, hang tags and radio spots are all here for your use. Just use your STIHL Dealer number and ZIP code to log in. Your local newspaper and radio stations can apply for a guest password.

admin.powerchordsystem.com

STIHL offers dealers a state-of-the-art, affordable website program through PowerChord. The site provides STIHL Dealers with the STIHL Express ecommerce solution, increased visibility in Google through search engine optimization, is mobile optimized and only STIHL Dealer websites are listed on the STIHLusa.com dealer locator.

STIHLservice.com

Process warranties, register products and get technical information all online.

STIHLiCademy.com

STIHL offers a web-based training resource to STIHL Servicing Dealers - at no cost. STIHL iCademy® features a variety of product training modules designed to teach staff members about key product features and benefits to help them at the point of sale in addition to technical training.

STIHLgroup.com

A centralized location for Marketing Advantage Program information.

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.

eBiz - <https://us.stihlb2b.com/>

Website exclusively for STIHL Dealers. Submit orders, manage bills, make payments and view information related to your account. To set up your eBiz account, please contact your Territory Manager.

STIHL Single Sign-On (SSO) - <http://dealers.stihlusa.com/>

Single Sign On (SSO) is a website that with a single username and password allows you to access all other STIHL websites.

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, Brushcutters, Clearing Saws, Edgers, Blowers, 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 select STIHL gasoline-powered products purchased for personal non-income producing, household purposes only. Other restrictions apply. See dealer for details or refer to STIHL's Limited Warranty Policy at www.STIHLusa.com.

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 to the original Consumer for as long as the appropriate spare part or product continues to be available from STIHL. Products used for rental use are excluded.

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

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.

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