



OILOMATIC® SAW CHAINS

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# SAWS

# CHAINSAW FEATURES & BENEFITS

## HIGH-QUALITY SAW CHAIN

Featuring specially engineered grooves, STIHL OILOMATIC® saw chain is designed to channel oil to critical wear areas, extending the life of the chain. See pages 62-67 for more details.



## HIGH-TECH POLYMER HOUSING

Lightweight, built to withstand impact, and corrosion resistant, the construction of our chainsaw housing is a testament to STIHL durability.



## HIGH-QUALITY GUIDE BARS

All STIHL guide bars feature induction heat-treated edges, allowing for high wear resistance that leads to a more durable bar. See pages 68-69 for more details.

## ANTI-VIBRATION SYSTEM

Jobs that require a chainsaw can be demanding on the body, which is why we incorporate an anti-vibration system on most gas-powered chainsaws to help reduce operator fatigue.

## TECHNOLOGY

### STIHL Quickstop®

STIHL chainsaws 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.

### Ematic™ Lubrication System

The Ematic™ guide bar, when used with STIHL OILOMATIC® saw chain, will provide proper lubrication and less oil consumption than conventional methods. The system works because two ramps, strategically placed in the guide bar rail, help contain the flow of oil and direct all lubrication to the sliding faces of the bar and chain links as well as the rivets and driver holes, which in turn can reduce bar oil consumption up to 50%.

### Master Control Lever™

The Master Control Lever™ is an easy-to-use single lever, operating the choke, starting throttle lock, and on-off switch. The operator must pull the throttle trigger before moving the Master Control Lever™ to the choke position.

## COMFORT FEATURES

### Tool-Free Fuel Cap

Allows the user to open and close the tank cap quickly, easily, and without tools.

### Bumper Spikes

These spikes help prevent pull-in and provide better control, making cutting easier.

### Side-Access Chain Tensioner

The side-access chain tensioner makes it much more convenient for the user to adjust the saw chain with a bar wrench as opposed to the typical location of the guide bar adjustment screw.

### STIHL M-Tronic™

This product features M-Tronic™ (M)—a new generation of Intelligent Engine Management that eliminates the low- and high-speed carburetor adjustment screws, compensates for dirty air filter, and changes in elevation and fuel quality for optimum engine power at all times.

**Note:** Not all products are equipped with the features presented here. Only the most important features are described on this page. Please visit [STIHLusa.com](http://STIHLusa.com).

## LIGHTER CUTTING & HOMEOWNER USE

If you're looking to choose a chainsaw for work around your home, STIHL has you covered with legendary performance in an easy-to-use package, and built for all your fallen limbs, pruning, and lighter cutting tasks.



### MSA 60 C-B



The AK System MSA 60 C-B is the go-to chainsaw for storm cleanup or limb removal around the suburban yard.



### MSA 70 C-B



The MSA 70 C-B delivers excellent cutting performance for up to 45 minutes of run time with the AK 30 S battery.\*



### MS 162



Ideal for small projects and occasional use, the lightweight and maneuverable MS 162 features an anti-vibration system for increased operator comfort.

Not available for purchase or delivery in California.

\*Made in America of U.S. and global materials.  
Batteries and chargers sourced internationally.

\*The battery run time may vary depending on how the tool is used.  
**Note:** STIHL recommends the use of green-labeled bars and saw chains.  
Refer to saw chain selection guide on page 62.

## MSA 80 C-B



Featuring the 1/4" PM3 chain for smooth cutting and a compact, brushless motor for low noise and vibration, the MSA 80 C-B provides powerful performance for general yard maintenance and firewood cutting.

### VARIABLE-SPEED TRIGGER

Optimizes performance and run times

### TRANSPARENT OIL TANK

Makes it easy to keep track of oil levels



### MOST POWERFUL AK SYSTEM CHAINSAW

Provides powerful performance for general yard maintenance and firewood cutting

### QUICK CHAIN ADJUSTER

For simple, tool-free chain tensioning

### 1/4" PM3 CHAIN

Provides a clean, smooth cut



### MS 172 C-E



The MS 172 C-E chainsaw is a powerful, lightweight tool equipped with STIHL Easy2Start™. It's an optimal tool for homeowners looking to take on woodcutting tasks around the home.

Not available for purchase or delivery in California.



### MS 182



The MS 182 is a powerful, easy-to-use homeowner chainsaw with an anti-vibration system to reduce user fatigue while tackling jobs around the home.

Not available for purchase or delivery in California.



## TIP KEEP YOUR SAW RUNNING STRONG

Regular maintenance goes a long way. Keep your chain sharp, your bar clean, and your oil fresh. Avoid forcing cuts—let the saw do the work. With proper care and storage, your chainsaw will deliver reliable performance season after season.



### MS 182 C-BE



A lightweight, powerful chainsaw featuring STIHL Easy2Start™ and Quick Chain Adjuster—designed for tasks around the home.

Not available for purchase or delivery in California.

°Made in America of U.S. and global materials.



## LARGER CUTTING & FORESTRY WORK

No matter where there's work to be done, the proven dependability of a STIHL is on the job. We offer a variety of high-performance chainsaws engineered for service, day in and day out.



### MSA 160 C-B

**AP**

Powered by a STIHL lithium-ion battery, the MSA 160 C-B workhorse starts instantly, delivering 36 volts of power from its commercial-grade, high-torque brushless motor.

Comparable performance to the MS 162.



### MS 194 C-E



The MS 194 C-E features a powerful STIHL engine in a lightweight package, providing the power to get the job done with minimal user fatigue.

Not available for purchase or delivery in California.



### MSA 200 C-B

**AP**

Part of the AP System, the lightweight and quiet MSA 200 C-B delivers the cutting power of gasoline with up to 50 minutes of run time with the AP 300 S with STIHL connected battery.\*

Comparable performance to the MS 194 C-E.



### MS 201 C-EM



The MS 201 C-EM delivers power and smart technology with the STIHL M-Tronic™ intelligent engine management system and STIHL Easy2Start™ system for almost effortless starting.

Not available for purchase or delivery in California.

\*Made in America of U.S. and global materials.

For full specification information for all STIHL chainsaws, please refer to page 58.  
**Note:** STIHL recommends the use of green-labeled bars and saw chains. Refer to saw chain selection guide on page 62.

\*The battery run time may vary depending on how the tool is used.



### MS 212 C-BE



The MS 212 C-BE features the Easy2Start™ system and Quick Chain Adjuster. It offers optimal operator comfort and powerful performance for frequent use around the home.

Not available for purchase or delivery in California.



### MSA 220 C-B



One of the most powerful rear-handle battery-powered chainsaws in the STIHL line, the MSA 220 C-B delivers the speed, cutting capacity, and run time to take on just about any cutting task with ease.

Comparable performance to the MS 201 C-EM.



### MS 250



A longstanding customer favorite, the MS 250 features an exceptional power-to-weight ratio to cut through small limbs and trees and tackle clearing or cleanup tasks.



### MS 251 WOOD BOSS®



The MS 251 WOOD BOSS® is designed to deliver all the power with a comfortable and ergonomic design, perfect for felling small trees, pruning and thinning, and cutting firewood simply and efficiently.



### MS 251 C-BE



The MS 251 C-BE features all the comfort and ease of the MS 251 plus the STIHL Easy2Start™ system, perfect for felling small trees, pruning and thinning, and cutting firewood.



## TIP

### WINTER STORAGE

STIHL recommends storing your gasoline-powered chainsaws with STIHL MotoMix® Premixed Fuel, a stable, ethanol-free, high-performance fuel that's ideal for occasional use over the long winter months. Also, never leave your tools outside and exposed to the weather, especially in the winter.

°Made in America of U.S. and global materials.

For full specification information for all STIHL chainsaws, please refer to page 58.

**Note:** STIHL recommends the use of green-labeled bars and saw chains. Refer to saw chain selection guide on page 62.



### MS 261

Designed for large-volume cutting, the MS 261 offers an optimized power-to-weight ratio, high fuel efficiency, and professional-grade performance.



### MS 261 C-M

The MS 261 C-M has all the same great features as the MS 261—high fuel efficiency and robust performance—but also features STIHL M-Tronic™ intelligent engine management technology.

## MSA 300 C-O



The MSA 300 C-O is the most powerful battery-powered chainsaw in the STIHL lineup. The advanced electronic operating system with oil sensor provides status updates for operators. Comparable performance to the MS 271 FARM BOSS®.



### LIGHT 04 GUIDE BAR

Designed to minimize kickback and improve wear resistance

### MAGNESIUM MOTOR HOUSING

Lightweight housing provides excellent durability

### MAKE OVER 225 CUTS\*\*

On A Single Charge™ with the AP 500 S battery

### ELECTRONIC OPERATING SYSTEM

With oil sensor

### SMART CONNECTOR 2 A READY

For gathering usage data

\*\*Make up to 228 cuts in 4" x 4" rough lumber with the AP 500 S battery on a single charge. Usage claim tested and verified by an independent third-party test laboratory. Run time per charge may vary depending on usage and application.



## MSA 300 C-O

**“Not having to struggle with pulling cords or mixing gas and having power and torque to cut with ease makes it a winner.”**

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

★★★★★ - ARM23



### MS 271 FARM BOSS®



A true powerhouse, the MS 271 FARM BOSS® takes charge when it comes time for felling, cutting firewood, or storm cleanup, tackling cutting jobs with a fuel-efficient engine.



### MS 291



The high-performance, fuel-efficient MS 291 chainsaw features an advanced anti-vibration system to reduce operator fatigue—great for felling, firewood cutting, and storm cleanup.

°Made in America of U.S. and global materials. For full specification information for all STIHL chainsaws, please refer to page 58.



### MS 311



The MS 311 is a high-tech workhorse with a step up in horsepower and features over the MS 291, including improved engine technology and fuel economy for longer run time.



### MS 362



The MS 362 is a no-fuss, hardworking chainsaw that mixes great power with fuel efficiency, ideal for any professional tree or forestry personnel.

MS 362 R wrap-handle version available.



### MS 391



Featuring engine technology that provides great fuel efficiency, the MS 391 is more powerful than the MS 311 and is cut out for the big jobs in the field, farm, and ranch.



### MS 400 C-M



The STIHL MS 400 C-M is the world's first chainsaw with a piston made of magnesium, which gives users added power and performance without the added weight in a modern design.

MS 400 R C-M wrap-handle version available.

MS 400 C-M shown with optional lightweight guide bar.



### MS 462



Lightweight, professional chainsaw featuring a flush-cut handle design and a standard adjustable carburetor.

MS 462 R wrap-handle version available.

MS 462 shown with optional lightweight guide bar.



### MS 462 C-M



The MS 462 C-M is a lightweight, powerful chainsaw fit for any forest, offering performance at the highest capacity with STIHL M-Tronic™ engine management technology.

MS 462 R C-M wrap-handle version available.



### MS 500i



The first chainsaw in the world with electronically controlled fuel injection technology, the MS 500i provides unmatched power and performance.

MS 500i R wrap-handle version available.

MS 500i shown with optional lightweight guide bar.



### MS 661 C-M MAGNUM®



When professionals need to fell large trees in large quantities, they reach for the MS 661 C-M, which features an impressive power-to-weight ratio and STIHL M-Tronic™ engine management technology.

MS 661 R C-M wrap-handle version available.

MS 661 C-M shown with optional lightweight guide bar.



### MS 661 MAGNUM®



Designed for professionals, the MS 661 MAGNUM® chainsaw makes taking down trees a breeze by delivering power, operator comfort, rugged dependability, and reliable performance.

MS 661 R MAGNUM® wrap-handle version available.

MS 661 shown with optional lightweight guide bar.



### MS 881 MAGNUM®



For professionals who demand the utmost performance for the toughest jobs, there is no substitute for the most powerful production chainsaw currently on the market.

MS 881 R MAGNUM® wrap-handle version available.

For full specification information for all STIHL chainsaws, please refer to page 58.  
**Note:** STIHL recommends the use of green-labeled bars and saw chains.  
 Refer to saw chain selection guide on page 62.

# PROFESSIONAL ARBORISTS

Made for professionals, by professionals. STIHL professional in-tree chainsaws are compact, maneuverable, and feature a top handle.



## MS 151 T C-E



The MS 151 T C-E is lightweight, compact, and designed for maximum maneuverability for in-tree cutting.

**For in-tree professional use only!**

Not available for purchase or delivery in California.



## NEW! MSA 190 T



Delivers the cutting power of a 1.5 kW gas saw without the noise or exhaust emissions, featuring a lightweight 9.9-lb. design, variable-speed trigger, and comfort hook compatibility for balanced in-tree use.

**For in-tree professional use only!**



## ACTIVE NOTIFICATION WHEN THE OIL LEVEL IS LOW

The MSA 220 TC-O and MSA 300 C-O are the first STIHL cordless chainsaws with an integrated oil sensor display. If the chain lubricant is low, the LED in the operator cockpit for the saws will light up in red and actively notify the user of the low level. When there is sufficient oil in the system, the LED stays off.



### MS 194 T



The MS 194 T is designed to be compact and agile for tree maintenance and pruning tasks.

#### For in-tree professional use only!

Not available for purchase or delivery in California.



### MS 201 T C-M



The MS 201 T C-M is the ultimate chainsaw designed for professional arborists for in-tree use and the only STIHL top-handle saw equipped with STIHL M-Tronic™ technology.

#### For in-tree professional use only!

Not available for purchase or delivery in California.



### MSA 220 TC-O



The STIHL MSA 220 TC-O is the most powerful top-handle chainsaw in the STIHL battery-powered lineup, boasting power and performance similar to professional gas top-handle chainsaws.

Comparable performance to the MS 201 T C-M.

Shown with optional LIGHT P04 guide bar.

#### For in-tree professional use only!

°Made in America of U.S. and global materials.

For full specification information for all STIHL chainsaws, please refer to page 58.

**Note:** STIHL recommends the use of green-labeled bars and saw chains. Refer to saw chain selection guide on page 62.

## SPECIALTY RESCUE CHAINSaws

Reliable power and performance exclusively for fire, rescue, and emergency service personnel.



### NEW!

### MSA 300 C-O "RESCUE"



#### For fire/rescue service only!

STIHL's first battery-powered rescue chainsaw delivers gas-like cutting force with a 20" RAPID™ DURO RESCUE chain, heat-resistant magnesium housing, IPX4-rated durability, and stepless speed control.



### MS 462 R C-M "RESCUE"



#### For fire/rescue service only!

The ultimate rescue saw designed exclusively for emergency personnel. The MS 462 R C-M "RESCUE" features the remarkable OILOMATIC® STIHL RAPID™ DURO RESCUE chain (RDR) capable of cutting through glass, sheet metal, roofing, and wood.

Shown with optional depth limiter.

### MS 462 R C-M "RESCUE" OPTIONAL DEPTH LIMITER

An optional depth limiter allows for rapid depth-controlled cutting for the toughest of applications, such as roof venting and technical entry, while a muffler guard plate limits the amount of debris on the muffler.

Power Source Type	Displacement (cc/cu. in.)	Mechanical Power Output (kW/bhp)	Electrical Power Input (kW)	Voltage (V)	Powerhead Weight* (lbs.)	Fuel Capacity (oz.)	Chain Oil Capacity (oz.)	Guide Bar Lengths (in.) – Recommended**	Saw Chain Pitch	STIHL OILOMATIC® Saw Chain Type
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### FALLEN LIMBS, PRUNING, LIGHTER CUTTING

<b>MSA 60 C-B</b>	<b>AK</b>	–	0.70/–	0.90	36	6.4	–	3.7	10-12	1/4" P	PM3
<b>MSA 70 C-B</b>	<b>AK</b>	–	0.90/–	1.10	36	6.4	–	3.7	12	1/4" P	PM3
<b>MSA 80 C-B</b>	<b>AK</b>	–	1.20/–	1.50	36	7.3	–	7.1	14	1/4" P	PM3
<b>MS 162</b>		30.1/1.8	1.2/1.6	–	–	9.9	13.5	9.5	16	3/8" P	PMM3
<b>MS 172 C-E</b>		31.8/1.9	1.4/1.9	–	–	10.4	13.5	9.5	16	3/8" P	PMM3
<b>MS 182</b>		35.8/2.2	1.6/2.1	–	–	10.1	13.5	9.5	16	3/8" P	PMM3
<b>MS 182 C-BE</b>		35.8/2.2	1.6/2.1	–	–	10.8	13.5	9.5	16	3/8" P	PMM3

### STORM CLEANUP, FIREWOOD CUTTING

<b>MSA 160 C-B</b>	<b>AP</b>	–	1.20/–	1.50	36	7.7***	–	7.1	10-14	1/4" P	PM3
<b>MS 194 C-E</b>		31.8/1.9	1.4/1.9	–	–	7.7	9.1	7.4	12-16	3/8" P	PMM3
<b>MSA 200 C-B</b>	<b>AP</b>	–	1.50/–	1.80	36	8.2***	–	7.1	10-18	3/8" P	PS3
<b>MS 201 C-EM</b>		35.2/2.2	1.8/2.4	–	–	9.0	10.5	7.4	12-16	3/8" P	PS3
<b>MS 212 C-BE</b>		38.6/2.4	1.8/2.4	–	–	10.8	13.5	9.5	18	3/8" P	PM3
<b>MSA 220 C-B</b>	<b>AP</b>	–	1.70/–	2.10	36	6.8***	–	7.1	12-18	3/8" P	PS3
<b>MS 250</b>		45.4/2.8	2.2/3.0	–	–	10.1	15.9	6.8	18	.325"	RM3
<b>MS 251 WOOD BOSS®</b>		45.6/2.8	2.2/3.0	–	–	11.0	13.2	6.7	16-18	.325"	RM3
<b>MS 251 C-BE</b>		45.6/2.8	2.2/3.0	–	–	11.5	13.2	6.7	16-18	.325"	RM3

● Standard ○ Optional – Not Applicable

\*Dry weight and powerhead only.

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

\*\*\*Weights include recommended bar and chain combination.
























Power Source Type	Displacement (cc/cu. in.)	Mechanical Power Output (kW/bhp)	Electrical Power Input (kW)	Voltage (V)	Powerhead Weight* (lbs.)	Fuel Capacity (oz.)	Chain Oil Capacity (oz.)	Guide Bar Lengths (in.) Recommended**	Saw Chain Pitch	STIHL OILOMATIC® Saw Chain Type
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### LARGER WOODCUTTING JOBS, FIREWOOD BUSINESS

<b>MS 261</b>		50.2/3.06	3.0/4.0	–	–	10.8	16.9	9.13	16-20	.325"	RM3
<b>MS 261 C-M</b>		50.2/3.06	3.0/4.0	–	–	10.8	16.9	9.13	16-20	.325"	RM3
<b>MS 271 FARM BOSS®</b>		50.2/3.1	2.6/3.5	–	–	12.3	16.9	8.1	18-20	.325"	RM3
<b>MS 291</b>		55.5/3.4	2.8/3.8	–	–	12.3	16.9	8.1	18-20	.325"	RM3
<b>MSA 300 C-O</b>		–	2.50/–	3.00	36	9.9	–	10.5	16-20	.325"	RS3
<b>MS 311</b>		59.0/3.6	3.1/4.2	–	–	13.7	20.3	11.8	16-20	3/8"	RS3
<b>MS 362</b>		59.0/3.6	3.4/4.6	–	–	12.3	20.3	11.0	16-25	3/8"	RS3
<b>MS 362 R</b>		59.0/3.6	3.4/4.6	–	–	13.2	20.3	11.0	16-25	3/8"	RS3
<b>MS 391</b>		64.1/3.9	3.3/4.4	–	–	13.7	20.3	11.8	16-20	3/8"	RS3
<b>MS 400 C-M</b>		66.8/4.1	4.0/5.4	–	–	12.8	20.3	11.0	16-25	3/8"	RS3

### PROFESSIONAL ARBORISTS, TREE CUTTING SERVICES

<b>MS 151 T C-E<sup>2</sup></b>		23.6/1.4	1.0/1.3	–	–	5.7	6.8	5.1	10-12	1/4" P	PM3
<b>NEW! MSA 190 T<sup>2</sup></b>		–	1.25/–	1.50	36	5.7	–	6.4	12-14	3/8"	PS3
<b>MS 194 T<sup>2</sup></b>		31.8/1.9	1.4/1.9	–	–	7.3	9.1	7.4	12-16	3/8" P	PM3
<b>MS 201 T C-M<sup>2</sup></b>		35.2/2.2	1.8/2.4	–	–	8.2	10.5	7.4	12-16	3/8" P	PS3
<b>MSA 220 TC-O<sup>2</sup></b>		–	1.70/–	2.10	36	6.0	–	7.4	12-16	3/8"	PS3
<b>NEW! MSA 300 C-O "RESCUE"</b>		–	3.00	3.50	36	6.4	–	10.5	20	3/8"	RDR
<b>MS 462</b>		72.2/4.4	4.4/5.9	–	–	13.2	24.3	11.5	16-36	3/8"	RS3
<b>MS 462 R<sup>1</sup></b>		72.2/4.4	4.4/5.9	–	–	13.9	24.3	11.5	16-36	3/8"	RS3
<b>MS 462 C-M</b>		72.2/4.4	4.4/5.9	–	–	13.2	24.3	11.5	16-36	3/8"	RS3
<b>MS 462 R C-M<sup>1</sup></b>		72.2/4.4	4.4/5.9	–	–	13.9	24.3	11.5	16-36	3/8"	RS3
<b>MS 462 R C-M<sup>1</sup> "RESCUE"</b>		72.2/4.4	4.4/5.9	–	–	14.3	24.3	11.5	20	3/8"	RDR
<b>MS 500i</b>		79.2/4.8	5.0/6.7	–	–	13.9	26.5	11.0	16-36	3/8"	RS3
<b>MS 500i R<sup>1</sup></b>		79.2/4.8	5.0/6.7	–	–	14.8	26.5	11.0	16-36	3/8"	RS3
<b>MS 661 MAGNUM®</b>		91.1/5.6	5.4/7.2	–	–	16.5	28.7	13.5	16-36	3/8"	RS3
<b>MS 661 R<sup>1</sup> MAGNUM®</b>		91.1/5.6	5.4/7.2	–	–	16.8	28.7	13.5	16-36	3/8"	RS3
<b>MS 661 C-M MAGNUM®</b>		91.1/5.6	5.4/7.2	–	–	16.5	28.7	13.5	16-36	3/8"	RS3
<b>MS 661 R C-M<sup>1</sup> MAGNUM®</b>		91.1/5.6	5.4/7.2	–	–	16.8	28.7	13.5	16-36	3/8"	RS3
<b>MS 881 MAGNUM®</b>		121.6/7.4	6.4/8.6	–	–	21.8	44	23.7	21-41	3/8"	RS3
<b>MS 881 R<sup>1</sup> MAGNUM®</b>		121.6/7.4	6.4/8.6	–	–	22.0	44	23.7	21-41	3/8"	RS3

● Standard ○ Optional – Not Applicable

\*Dry weight and powerhead only.

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

