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MS 291

A high-performance, fuel-efficient chainsaw. Great for felling, firewood cutting and storm cleanup.

Specifications



★★★★★ 4.5 / 5 ⓘ

89% of reviewers recommend this product.

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Another high-tech STIHL chainsaw, the MS 291 is built around one of our new fuel-saving engines with longer run times and lower emissions. And with an advanced pre-separation air filtration system, your air filter can last up to five times longer. Another great feature is an advanced anti-vibration system to reduce user fatigue. STIHL engineering is to thank for this high-powered, high-tech, low-maintenance chainsaw. It is truly a force to be reckoned with.

Are You Ready for a STIHL?

MS 291 Specifications - Mid-Range Use

DISPLACEMENT	55.5 cc (3.39 cu. in.)
ENGINE POWER	2.8 kW (3.76 bhp)
POWERHEAD 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®
POWER SOURCE	Gas

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.



Are You Ready for a STIHL?

Important Information

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 Standard B175.1 (gasoline-powered saws) and §30 of UL 1662/ ANSI Standard B175.1 (electric chainsaws). Ask your STIHL dealer about safe operating procedures and the advantages of the STIHL Quickstop® chain brake, STIHL Quickstop® Plus (Q) additional chain braking feature, STIHL reduced kickback bars and STIHL low-kickback saw chains.

STIHL recommends the use of green reduced kickback bars and green low kickback chains on all STIHL chainsaws.

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

Note: STIHL recommends use of fuel with no more than 10% Ethanol content. Using fuel with greater than 10% Ethanol content may cause damage to your equipment and may void your STIHL warranty. [Learn More...](#)

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 such products.

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



Model Features



Reduced-Emission Engine Technology - Caring for Nature

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

[More information](#)



Built in the USA

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

[More information](#)

Standard Features



Common Features for Chainsaws

[View](#) the features common to many STIHL chainsaws.



Anti-Vibration System

STIHL has developed a system for minimizing the vibration levels of handheld outdoor power equipment. The STIHL anti-vibration system helps reduce operator fatigue and provides a more comfortable working experience.



Pre-Separation Air Filtration System

This time-saving technology boosts the efficiency of the engine's filter system, doubling the time between air filter cleanings. Air drawn into the engine is first separated via centrifugal force, ejecting the heavier dirt particles before being routed to the air filter. This pre-separation means less dirt to be captured by the air filter, resulting in less frequent cleaning and maintenance.

[More information](#)



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.



Toolless fuel and oil caps with retainers

Simply lift the lever and twist the caps to remove or tighten. There's no need to use a tool to tighten or loosen.

Are You Ready for a STIHL?



Product reviews

★★★★★ 4.5 / 5 ⓘ



89% of reviewers recommend this product.

Advanced filters

Star Rating Quality Dependability Power Value Age Do you own your own house? Outdoor tool expertise Pros Cons

Click on filters to refine your results.

Write a review

Sort by ▼

★★★☆☆ 3 / 5
February 7, 2018

Runs good but oiler system is no good

Dependability
★★★★★ 5 / 5
Power
★★★★ 4 / 5
Value
★★★★ 4 / 5

Vfarm
From: Shell Lake, WI 54871, USA **Age:** 25 to 34 **Do you own your own house?** Yes **Outdoor tool expertise:** Intermediate Skill
Bought my saw new for cutting fire wood. Have had it for 4 years and have yet to wear a chain out because they keep breaking. Have had the saw in to two different dealers to fix the oiler system but it have never seemed put enough oil on the chain.

Pros Easy to Use, Reliable
Cons Heavy, oiling system failure

Yes, I recommend this product.

Response from STIHL Customer Care , Customer Care

February 8, 2018

Thank you for your review. Customer feedback is very important to STIHL so we appreciate and respect yours. To that point, we would like to hear more about your concern with the STIHL MS291 Chainsaw. We would appreciate a phone call from you at 800-467-8445 (option 2). Thanks again for your review.

Was this helpful? Yes 0 No 0 Report inappropriate content

Reply

★☆☆☆☆ 1 / 5
February 7, 2018

the product failed

Quality
★☆☆☆☆ 1 / 5
Dependability
★☆☆☆☆ 1 / 5
Power
★☆☆☆☆ 1 / 5
Value
★☆☆☆☆ 1 / 5

achries
From: gerogia **Age:** 45 to 54
they failed to stand behind a defective saw the cost many dollars

Cons Unreliable

No, I do not recommend this product.

Response from STIHL Customer Care , Customer Care

February 7, 2018

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Was this helpful? Yes 0 No 0 Report inappropriate content

Reply

★★★★★ 5 / 5
February 6, 2018

Outstanding chainsaw!

Quality
★★★★★ 5 / 5
Dependability
★★★★★ 5 / 5
Power
★★★★★ 5 / 5
Value
★★★★ 4 / 5

Suba
From: PA **Age:** 55 to 64 **Do you own your own house?** Yes **Outdoor tool expertise:** Intermediate Skill

Great power and ease of use. Have cut 10+ cords of firewood and it still starts and runs with ease. It is pricey, but worth the money. It is the 4th chainsaw I've owned (3 different brands) and is, by far, the best. Highly recommend this saw!

Pros Easy to Use, Reliable

Yes, I recommend this product.

Was this helpful? Yes 0 No 1 [Report inappropriate content](#)

Reply

★★★★★ 5 / 5

February 5, 2018

Does what it's suppose to with no fuss

Quality
★★★★★ 5 / 5

Dependability
★★★★★ 5 / 5

Power
★★★★ 4 / 5

Value
★★★★ 4 / 5

Bootstrap

From: NY **Age:** 35 to 44 **Do you own your own house?** Yes **Outdoor tool expertise:** Intermediate Skill

Bought this saw for felling trees for fire wood and clearing fallen trees and branches for other property owners. Easy to start even in -0 degree weather, very reliable and get longer run time on a take of gas. The thing I noticed right away was how smooth this chainsaw runs, very low vibration which was important to me because I just had elbow surgery, I can run the saw for several hours at a time and the weight is good and feels balanced.

Pros Easy to Maintain, Easy to Use, Light, Reliable

Yes, I recommend this product.

Was this helpful? Yes 0 No 0 [Report inappropriate content](#)

Reply

★★★★★ 5 / 5

February 5, 2018

Best saw I've ever used!!

Quality
★★★★★ 5 / 5

Dependability
★★★★★ 5 / 5

Power
★★★★★ 5 / 5

Value
★★★★★ 5 / 5

M001

From: Salem, MO **Age:** 55 to 64 **Do you own your own house?** Yes **Outdoor tool expertise:** Highly Skilled

This is a very powerful saw as I have cut up logs that were 45" in diameter. I mainly cut white, red and black oak and it eats right through it without any problem. You will not be disappointed with this one!

Pros Easy to Maintain, Easy to Use, Light, Reliable

Yes, I recommend this product.

Was this helpful? Yes 0 No 0 [Report inappropriate content](#)

Reply

★☆☆☆☆ 1 / 5

February 5, 2018

This product does not allow enough oil to the bar and chain!

Quality
★☆☆☆☆ 2 / 5

Dependability
★☆☆☆☆ 1 / 5

Power
★★★☆☆ 3 / 5

Value
★☆☆☆☆ 1 / 5

Oldgoat

From: Burnsville, NC **Age:** 45 to 54 **Do you own your own house?** Yes **Outdoor tool expertise:** Highly Skilled

Because of its very poor oiling system, I am on the third bar and fourth chain. No way to adjust the oil flow. I was thinking, "you get what you pay for", so I went with a Stihl and paid a lot more for it than the previous two chainsaws that I currently own. BIG MISTAKE!!! Buyers regret to its extreme!!!!

Pros starts easy

Cons Difficult to Maintain, Heavy, Difficult to Use, Unreliable, oiling system lacks adjustment and just does not o

No, I do not recommend this product.

Response from STIHL Customer Care , *Customer Care*

February 6, 2018

Thank you for your review. Customer feedback is very important to STIHL so we appreciate and respect yours. To that point, we would like to hear more about your concern with a STIHL MS291. We would appreciate a phone call from you at 800-467-8445 (option 2). Thanks again for your review.

Was this helpful? Yes 0 No 1 [Report inappropriate content](#)

Reply

★★★★★ 5 / 5
February 5, 2018

Easy Starting

Quality
★★★★★ 5 / 5

Dependability
★★★★★ 5 / 5

Power
★★★★★ 5 / 5

Value
★★★★ 4 / 5

Peglegg
From: Alabama Age: 55 to 64 Do you own your own house? No

I used the saw to cut up large Pine trees, never let me down,

Pros Easy to Maintain, Easy to Use, Reliable

Was this helpful? Yes 0 No 0 [Report inappropriate content](#)

[Reply](#)

★★★★☆ 4 / 5
February 5, 2018

MS 291

Quality
★★★★☆ 4 / 5

Dependability
★★★★☆ 4 / 5

Power
★★★★★ 5 / 5

Value
★★★★☆ 4 / 5

JohnTimbermanDoe
From: East Texas Age: 45 to 54 Do you own your own house? Yes Outdoor tool expertise: Highly Skilled

My 291 has performed well. I seems to have plenty of power to get the job done. My only disappointment so far is that the front bar tightening bolt stripped out. I was told by the dealer that it is threaded into the plastic part of the case. Therefore you must be careful when tightening or it will strip. The dealer fixed it by installing a larger stud in the housing. Apparently, this is common, because he had them in stock and fixed it in a few minutes. I'm not sure what the remedy will be should the larger stud strip.

Yes, I recommend this product.

Was this helpful? Yes 0 No 0 [Report inappropriate content](#)

[Reply](#)

1 2 3 4 5 ... 10 next



You Will Also Need



Bar and Chain Oil

Don't let friction cut down your chainsaw's performance. STIHL bar and chain oil is specially formulated to adhere to your chainsaw's bar and chain, providing optimal lubrication. Special oils help prevent sap and pitch from clinging, prolonging cutting performance and the lifespan of your chain parts. Ideal for use in moderate temperatures, STIHL bar and chain oil provides quality protection for your chainsaw – bar none.



HP Ultra 2-Cycle Engine Oil

No matter how you slice it (or trim it or shred it), there's no better protection for your high performance 2-stroke engine than STIHL HP Ultra Oil. This 2-cycle engine oil has outstanding engine cleaning characteristics, plus "ultra" lubricating qualities that are superior to other 2-cycle engine oils. This fully synthetic oil is also highly biodegradable, degrading by 80% in 21 days. We're so confident this oil will protect your engine, we'll double your STIHL limited warranty* when you use it. It's that good.

***Double your warranty** when you purchase either STIHL HP Ultra Oil (six pack) or STIHL MotoMix® Patented Premixed Fuel (one gallon minimum) with your STIHL product purchase. 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**.



Complete Filing Kits

Includes file guide, depth gauge, round file, flat file and two file handles in tool pouch. Kits available for the following chain types: STIHL PICCO™ Mini; 1/4" pitch chain; .325" pitch chain; 3/8" pitch chain; .404" pitch chain.



No-Spill® Fuel Containers

No-Spill® fuel containers advance convenience and quality in gasoline-can design by reducing emissions of hydrocarbons from evaporation, permeation and spillage. This helps protect the environment as well as saves you on fuel costs due to waste. Each container is molded from fluorinated, high molecular weight material for low permeation. The thumb-button flow control allows filling even smaller-sized tanks reducing the risk of spilling and is designed to stop the flow automatically, when the tank becomes full, to prevent overflowing. Built on a wide, stable base for less likelihood of upsets and equipped with child-resistant closures, all No-Spill® containers comply with both EPA and CARB requirements. With 1 1/4-gallon, 2 1/2-gallon and 5-gallon sizes available, you're sure to find one that fits your needs.

For Your Safety



Forestry Helmet System

The woods can hold many dangers. Stay one step ahead with the Forestry Helmet System from STIHL. The protection starts with a hard shell of ABS thermoplastic. It gets even better with a six-point, ratchet-style suspension system that absorbs shock and keeps the helmet stable while you work.

The system also features a Cool Guard sweatband to keep perspiration out of your eyes, as well as a built-in rain gutter to direct rain away from your face during inclement weather. Adjustable hearing protectors comfortably reduce noise while an epoxy-coated steel full-face screen helps protect from flying debris.

Hard hat meets ANSI Z89.1-2003 Type 1 Class G. Hearing protectors meet ANSI S3.19-1974 and have a Noise Reduction Rating (NRR) of 24 dB(A).



Performance Hi-Vis Apron Chap

Wearing protective apparel on the jobsite is critical – especially when cutting near active roadways. The Performance Hi-Vis Apron Chaps feature Hi-Visibility Nylon Fabric that is visible by motorists traveling up to 50 mph. This meets the Class E reflective requirements and earns a Class 3 reflective rating when worn with the Class 2 reflective vest. The chaps also feature reflective tapes made from Reflexite Brilliance Series GP-340. And when it comes to cutting protection, these chaps include six layers of Avertic® Pro by Engtex® cut retardant material, designed to reduce the risk or severity of injury in the event of contact with the rotating saw chain on a gasoline-powered chainsaw.

The STIHL Performance designation identifies products for advanced users.

Available style: Reflective Tapes - Reflexite Brilliance Series GP-340
Available length: 32", 36", 40", 44"

See it in action!

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



Performance Forestry Boot

Hardworking professionals need hardworking protective apparel, and the STIHL performance forestry boot is designed with this standard in mind. The cut-resistant work boot is appropriate for a wide variety of job demands. It comes with multiple protective features like the well-padded steel toe cap and puncture-resistant, stainless throughsole. Its insole and arch support systems were made with moisture absorbing, flexible material and were anatomically formed for added comfort. If you're looking for a durable boot to depend on, the STIHL performance forestry boot will meet your needs with comfort and style.

The STIHL Performance designation identifies products for advanced users.

STIHL Pro Mark™ Dynamic Protective Gloves



Power up any STIHL product while wearing STIHL Pro Mark™ Dynamic Gloves. Featuring multiple layers of cut-retardant materials – Avertic™ Pro and Dyneema fabrics by Engtex® – these gloves will help deliver the protection you need while operating your STIHL chainsaw. The palm and inner fingers are made of full-grain tanned leather, so you can work with comfort without sacrificing a firm hold. Accented with an orange rip-stop nylon backing, these dynamic gloves offer style and professional-grade protection. The STIHL Pro Mark™ Dynamic Gloves are water repellant, breathable and feature a Velcro wrist closure to help keep wood chips, snow, ice and other debris from getting inside.

Are You Ready for a STIHL?

[Read what our customers say about STIHL chainsaws](#)

[Chainsaw Safety and Maintenance - Video](#)

[Product Instruction Manual \(PDF\)](#)

[Product Safety Manual \(PDF\)](#)

[STIHL Limited Warranty](#)

[Contact Us](#)

Are You Ready for a STIHL?