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FS 70 R

This professional-grade, straight-shaft grass trimmer is fuel efficient and produces low emissions.

Specifications



★★★★★ 4.5 / 5 ⓘ

87% of reviewers recommend this product.

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As a professional, your time is valuable. The STIHL FS 70 R grass trimmer understands that. It features a powerful and fuel-efficient engine, which means longer run times and fewer refuels. The FS 70 R is also powerful (more powerful than the FS 56 RC-E) and makes quick work of your daily landscaping tasks. Need more line? Just tap the cutting head on the ground and watch as its AutoCut® head automatically feeds out new line. The trimmer is also built to last, featuring a durable cable drive shaft, a high-durability, forged connecting rod and a 4-bearing gearbox. And it's all backed by a rock-solid two-year limited warranty.

Are You Ready for a STIHL?

FS 70 R Specifications - Professional Use

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.)
CUTTING SWATH	16.5"
POWER SOURCE	Gas

*Weight without cutting attachment or deflector.



Are You Ready for a STIHL?

Important Information

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: 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



Shoulder Strap / Carrying System

Using a shoulder strap or carrying system helps distribute the weight of the equipment for increased operator comfort and improved maneuverability.



Simplified Starting Procedure

To get started, simply pump the fuel primer, set the choke and pull the starter cord. The built-in stop switch allows the user to turn off the engine with a simple press of the button. When the engine is off, the throttle lock automatically returns to the "start" setting. Your power tool will be ready to be started when you're ready to get back to work.

See it in action!



Support strap (4130 007 1020)

Support strap provides additional support while working.



Adjustable Front Handle

Adjusts for comfort.



Fully Lined Drive Shaft

Provides smooth operation and less vibration.



High Tech Polymer Housing

Housings are lightweight, withstand greater impact and are corrosion-resistant.



Protected Choke Lever/Knob

Helps prevent damage.

Start/Run/Stop Controls on Handle



Throttle Trigger Interlock

Must be depressed before the trigger can be activated.



Air Filter Cover

Easily removed for fast and easy filter cleaning or replacement.



Protected or Enclosed Control Cables

Eliminate dangling and loose wires.



Heavy-Duty Steel-On-Steel Clutch

Centrifugal clutch is designed to reduce slippage.



Protected Spark Plug

Protected yet easy to change.



Protected Spark Arrestor Muffler

Has large baffles which reduce noise level and contains a screen designed to reduce the emission of sparks.



Upright Translucent Fuel Tank

Allows operator to easily check fuel level before starting work. Upright position makes it easier to refill.



Purge Pump Primer

By pressing the bulb, this small fuel pump delivers fuel to the carburetor, reducing the number of starting pulls needed after an extended break between uses.



Cutting Heads & Blades Selection Chart

Need help selecting a cutting head or blade for your STIHL trimmer or brushcutter?

[Click here to view the Cutting Heads & Blades Selection Chart \(PDF Format\).](#)



Multi-Function Control Handle

Having easy access to all of the controls on one comfortable handle makes it easy to complete tasks so the operator's hand never has to leave the handle.



Built in the USA

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

[More information](#)



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](#)



Loop Handle (R)

Loop handle grass trimmers and brushcutters are ideal for trimming between bushes and shrubs and other areas where space is limited.

Standard Features



Common Features for Trimmers

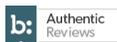
[View](#) the features common to many STIHL trimmers.

Are You Ready for a STIHL?



Product reviews

★★★★★ 4.5 / 5



87% 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 [dropdown]

★★★★★ 5 / 5
December 22, 2017

This product is everything I need and more

Quality 5 / 5

HRLAWNCREW757

Dependability 5 / 5

From: Hampton, VA, USA Age: 35 to 44 Do you own your own house? No Outdoor tool expertise: Professional Landscaper

Power 5 / 5

Runs like a champ. Would not trade it for the world unless it is a stihl and a bigger model at that but this seems to do everything I need for my business

Value 3 / 5

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

Yes, I recommend this product.

Was this helpful? Yes 1 No 0 Report inappropriate content

Reply

★★★☆☆ 3 / 5
November 13, 2017

Great Running, Poor cutting/guarding

Dependability 4 / 5

Warmweatherguy

Power 4 / 5

From: Fl. Age: 55 to 64 Do you own your own house? Yes Outdoor tool expertise: Highly Skilled

Value 3 / 5

I purchased my STIHL FS70R because of past product purchases. It was not a good purchase this time. The trimmer starts without fail and runs fine, but the guarding on the trimmer is awful. It is fixed with no options for adjustment. It has little to no protection from flying debris. I am also disappointed in the cut. Because of the spool design, the grass/weeds are difficult to cut shorter. Once again, the guard design stops you from tilting the head to cut shorter. I have always loved STIHL products, but not this one. I'd love to return it.

Cons Difficult to Use

No, I do not recommend this product.

Was this helpful? Yes 3 No 4 Report inappropriate content

Reply

★★★★★ 5 / 5
November 7, 2017

Very Powerful

Quality 5 / 5

Radar123

Dependability 5 / 5

From: Kansas, USA Age: 18 to 24 Do you own your own house? Yes Outdoor tool expertise: Highly Skilled

Power 5 / 5

This machine is phenomenal, has plenty of power and lots of torque. Perfect for a smaller lawn care service like mine.

Value 4 / 5

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

Yes, I recommend this product.

Was this helpful? Yes 4 No 0 Report inappropriate content

Reply

★☆☆☆☆ 1 / 5
October 18, 2017

Very Disappointed

Quality
2 / 5
Dependability
1 / 5
Power
5 / 5
Value
4 / 5

RGRomano
From: West Palm Beach, FL, USA Age: 55 to 64 Do you own your own house? Yes Outdoor tool
expertise: Highly Skilled

I am a huge Stihl fan because Stihl makes the best landscaping equipment on the planet. I bought this product today and am astounded that Stihl would go to the trouble of making such a superb machine, and then equipping it with a sub-standard, poor quality line head. During three hours of use, I had to stop more than a dozen times because the head failed to feed or fed from one side only. I will go and buy a replacement fast load head and all will be well. Even if you charge a few dollars more, you should properly equip this excellent machine with an equally excellent feeder head and then your reviews will be all 5's !

BTW, it isn't poor or dried out line; the head that comes with the machine is defectively designed. Step up, have some pride in your product, and be the company that I know you are.

Pros Easy to Maintain, Easy to Use
Cons Unreliable, defective feeder head

No, I do not recommend this product.

Response from STIHL Customer Care , Customer Care

October 20, 2017

We regret to hear about the concerns you are having with the trimmer head installed on the STIHL FS70R. Please contact the STIHL Customer Care Team at 1-800-467-8445 (option 2) to see how they may further assist with any questions or concerns.

Was this helpful? Yes 4 No 8 Report inappropriate content

Reply

★★★★★ 5 / 5
October 16, 2017

Stihl power

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

Wbraman
From: Killeen, TX, USA Age: 25 to 34 Do you own your own house? Yes Outdoor tool
expertise: Intermediate Skill

Plenty of power, and easy to start. The only con is that the grip and throttle trigger seem to be too close to the motor which can be awkward for some users. Overall, it's a great tool with Stihl's legacy quality.

Pros Reliable
Cons handle ergonomics

Yes, I recommend this product.

Was this helpful? Yes 2 No 0 Report inappropriate content

Reply

★★★★★ 5 / 5
October 10, 2017

Well balanced, powerful.

Quality
5 / 5
Dependability
5 / 5
Power
5 / 5
Value
5 / 5

WD52
From: Ohio Age: 55 to 64 Do you own your own house? Yes Outdoor tool expertise: Highly Skilled

Once you get the starting procedure mastered it is an exceptional machine.

Pros Easy to Maintain, Easy to Use, Light, Reliable, dealer is reputable

Yes, I recommend this product.

Was this helpful? Yes 2 No 1 Report inappropriate content

Reply

★★★★☆ 4 / 5
September 25, 2017

Great product

- Quality** 4 / 5
- Dependability** 4 / 5
- Power** 3 / 5
- Value** 4 / 5

SomeNoName

From: Warrior, AL, USA **Age:** 35 to 44 **Do you own your own house?** Yes **Outdoor tool expertise:** Intermediate Skill

Throttle for this trimmer is too touchy. It does not get a consistent flow. The guard on the head is also very bulky to work with. Overall it's is a good product.

Pros Light, Reliable

Yes, I recommend this product.

Was this helpful? **Yes 3 No 0** [Report inappropriate content](#)

Reply

★★★☆☆ 2 / 5
September 23, 2017

Poor Ergonomics

- Quality** 4 / 5
- Dependability** 4 / 5
- Power** 4 / 5
- Value** 1 / 5

BarnacleBuck

From: Madison, WI **Age:** 45 to 54 **Do you own your own house?** Yes **Outdoor tool expertise:** Intermediate Skill

Machine runs well and I have not had the string breakage issue that some other reviewers have. The only con is that the grip and throttle trigger seem to be too close to the motor which forces my wrist into an uncomfortable position when using the machine. Since the grip is integrated into the plastic motor housing, there is no way to increase this distance. I turned the trimmer head about 40 degrees so that the trigger is slightly to the right instead of straight down and this helps a little with the comfort level. I've used several different trimmers of different brands as well as some other Stihl trimmers over the years and this is the only model on which I've had this problem. I would have gone with a different model had I tried this one before I bought it.

Pros Easy to Maintain, Reliable

Cons Difficult to Use, poor ergonomics

No, I do not recommend this product.

Was this helpful? **Yes 2 No 1** [Report inappropriate content](#)

Reply

1 2 3 4 5 ... 9 next



Optional Accessories



Trimmer Heads & Blades

Many trimmer heads and blades are available. Find out which ones to use with this model in this [chart](#).



Trimmer Line

There's high-performance STIHL trimmer line for every operating condition.



Deflectors

Protect yourself from flying debris while trimming. Check out our selection of deflectors and find the one that will help protect you.



Straps and Harnesses

They distribute the load from your hands to your shoulders. They also help reduce operator fatigue and make it easier to use trimmers, brushcutters and clearing saws for extended periods.

You Will Also Need



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](#).



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 1½-gallon, 2 ½-gallon and 5-gallon sizes available, you're sure to find one that fits your needs.

For Your Safety



STIHL Landscaper Series™ Gloves

For landscapers who work extensively with their hands, the Landscaper Series™ Gloves from STIHL are made from strong-yet-supple deerhide leather. They provide fantastic wear properties and an excellent sense of touch and feel. The naturally soft leather provides all-day working comfort.

Materials: Deerhide leather
Available sizes: S, M, L, XL



Basic Hearing Protector

When it has the STIHL name, it's made to work as hard as you do. Our Hearing Protectors feature a padded stainless steel spring wire headband. They help maintain constant pressure, staying firmly in place while you work. They're also easy to adjust, so you can set the ideal fit with minimal effort.

Meets ANSI S3.19-1974 standard. Noise Reduction Rating (NRR) of 23 dB(A).
Available color: Black/Grey

Are You Ready for a STIHL?

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

[How to Wind a STIHL Trimmer Head - Video](#)

[Cutting Heads & Blades Selection Chart \(PDF\)](#)

[Download Instructions on How to Rewind Your Trimmer Head \(PDF\)](#)

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

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

[STIHL Limited Warranty](#)

[Contact Us](#)

Are You Ready for a STIHL?