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HL 100 K (135°)

This adjustable-angle hedge trimmer has a 42" extended reach shaft, ideal for demanding trimming professionals.

Specifications



★★★★★ 4.6 / 5 ⓘ

89% of reviewers recommend this product.

Read all 10 reviews

Write a review

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Every hedge is unique – which is quite a challenge when you’re trying to trim them. Whether tall or short, skinny or wide, hedges everywhere can’t escape the STIHL HL 100 K (135°) extended reach hedge trimmer. With its 42" long shaft and adjustable cutting blade angles, this professional hedge trimmer helps turn those unruly hedges into uniform walls of green. And speaking of green, the HL 100 K features a low-emission engine for environmentally responsible hedge trimming. For power and versatility, this hedge trimmer has it all.

Are You Ready for a STIHL?

HL 100 K (135°) Specifications - Professional Use	
DISPLACEMENT	31.4 cc (1.9 cu. in.)
ENGINE POWER	1.05 kW (1.4 bhp)
FUEL CAPACITY	530 cc (18.0 oz.)
BLADE LENGTH	50 cm (20 in.)
SHAFT LENGTH	107 cm (42 in.)
POWER SOURCE	Gas
WEIGHT*	6.4 kg (14.8 lbs.)
*Dry weight.	



Are You Ready for a STIHL?

Important Information
Note: STIHL engine products with the Caring for Nature logo are cleaner than EPA Standards for exhaust emissions.

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](#)



Anti-Vibration System

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



Multi-Function Control Handle

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

Standard Features



Common Features for Hedge Trimmers

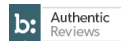
[View](#) the features common to many STIHL hedge trimmers.

Are You Ready for a STIHL?



Product reviews

★★★★★ 4.6 / 5



Quality

★★★★★ 4.6 / 5

Dependability

★★★★★ 4.5 / 5

Power

★★★★★ 4.6 / 5

Value

★★★★★ 4.4 / 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.

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Sort by ▼

★★★★★ 5 / 5
June 1, 2017

Quality
★★★★★ 5 / 5

Dependability
★★★★★ 5 / 5

Power
★★★★★ 5 / 5

Value
★★★★★ 5 / 5

Great product I bought way late

Hoovinator327088

From: Mission, KS, USA **Age:** 45 to 54 **Do you own your own house?** Yes **Outdoor tool**
expertise: Professional Landscaper

Do not hesitate when considering the purchase of an extended reach shear. What a difference I have found between a short reach shear and the HL100K 135". Less fatigue. Better fitting for all applications. Stores nicely.

Wendy and Edgar both complained about hard starting. I also find it difficult to start the machine. Usually I pull the cord once without doing anything to the primer or choke, listen for the sputter, then set the choke. If it is above 60 degrees Fahrenheit, I'll set the choke and pull once, pull off the choke and hold the trigger fully open and usually get a good start after a pull or two. If you need help, see the dealer. They can be tricky to the inexperienced.

I've had the shear for a good five years and the blade is sharp after trimming hundreds of shrubs. Easily cuts 3/4" woody stems. Easy to keep an even cut over long stretches of hedge. I typically use only straight. Rarely use the adjustable angle but for storage. You'll be happy to stand straight up instead of bending over. Don't use at half throttle for best results. Also, as another post stated, clean with the Stihl aerosol shear cleaner and resin remover after use. Keep your gearbox greased with Stihl Multilube.

And lastly, use only non-ethanol fuel. If you're using it as a homeowner (periodically), I would recommend emptying the fuel tank and running the fuel out until it dies. Then the fuel lines have air in them, not fuel, therefore will prevent failure.

Don't leave it unlocked either. People with no money really want one of these that someone else paid for.

Take what you will from my opinion and you will enjoy a great tool for a long time!
Manufactured in USA

Pros Easy to Maintain, Easy to Use, Reliable, saves the back

Cons can be tricky to start, thieves really want to steal it

Yes, I recommend this product.

Was this helpful? **Yes 11 No 0** [Report inappropriate content](#)

Reply

★★★★★ 5 / 5
September 29, 2016

Quality
★★★★★ 5 / 5

Dependability
★★★★★ 4 / 5

Power
★★★★★ 5 / 5

Value
★★★★★ 5 / 5

Does a great job

WendyT8

From: Charlotte NC **Age:** 55 to 64 **Do you own your own house?** Yes **Outdoor tool**
expertise: Professional Landscaper

It takes a little practice, but using this machine makes trimming bushes and hedges so much easier. It has plenty of power and cuts easily through foliage. The only difficulty I have had from time to time is starting it, but once I get it going, it runs great. It does get a little heavy after a while, but it adjusts angles quickly and easily.

Pros Easy to Use

Yes, I recommend this product.

Was this helpful? **Yes 9 No 0** [Report inappropriate content](#)

Reply

★★★★★ 5 / 5
August 1, 2016

Quality
★★★★★ 5 / 5

Dependability
★★★★★ 5 / 5

Power
★★★★★ 5 / 5

Value
★★★★★ 5 / 5

You get what you pay for

Chris5423654

From: Peachtree City, GA, USA **Age:** 25 to 34 **Do you own your own house?** Yes **Outdoor tool**
expertise: Highly Skilled

Excellent power, nice reach, really easy to use. Some might complain about the weight, but it's not a problem. I also love how the blades fold in for easy storage. I'm also only using pre mixed 50:1 fuel, since it has no ethanol.

Pros Easy to Maintain, Easy to Use, Reliable, powerful

Yes, I recommend this product.

Was this helpful? [Yes 8](#) [No 0](#) [Report inappropriate content](#)

[Reply](#)

★★★★★ 5 / 5

May 20, 2015

Quality

★★★★★ 5 / 5

Dependability

★★★★★ 5 / 5

Power

★★★★★ 5 / 5

Value

★★★★ 4 / 5

Great Tool for Southern Properties with lots of shrubs

Alleycat10

From: Germantown, WI **Age:** 65 or over **Do you own your own house?** Yes **Outdoor tool expertise:** Highly Skilled

I bought this trimmer about six years ago, wishing that I had done so earlier. Where I lived at the time in GA, shrubs grow quickly so keeping up with the growth required long-reach trimming about each two weeks during the long growing season there. This machine always starts on the first or second pull of the starter rope if I follow the starting instructions. To keep it sharp, I always store it with the plastic guard in place and oil the cutter bar after each use with spray-on applications of WD-40, I am a homeowner in another state right now, it coming in mighty handy again for maintaining my landscape plants here as well. I expect it to last a long time, just like my Stihl chainsaw that is now 31 years old. I am finding that my small engines last a long time if I completely avoid using fuels that contain ethanol. Even big box stores now sell premixed gasoline for 2-stroke engines that contain no ethanol. Incidentally, this trimmer starts well, even on relatively cold mornings in WI where I now reside,

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

Yes, I recommend this product.

Was this helpful? [Yes 19](#) [No 0](#) [Report inappropriate content](#)

[Reply](#)

Comments (1)

Squash15b

on December 13, 2015

I find that if you live near a marina you can normally get 90 octane pure gasoline. It's costly, but is cheaper than buying it in the quart cans.

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

Comments (1)

★☆☆☆☆ 1 / 5

May 22, 2014

Quality

★☆☆☆☆ 1 / 5

Dependability

★☆☆☆☆ 1 / 5

Power

★☆☆☆☆ 1 / 5

Value

★☆☆☆☆ 1 / 5

I could not get this trimmer started.

Edgar11

From: Tacoma, Washington **Age:** 45 to 54 **Do you own your own house?** Yes **Outdoor tool expertise:** Beginner

I purchased this product based on Stihl reputation and customer reviews. Once I got it home, I could not get it started. I returned it and the dealer was able to get it started. I again took it home, followed the manual to the letter and still could not get it started. I was careful not to flood it and let it sit overnight just in case it was flooded, and again could not get it to start. I took it back to the dealer, they were again able to get it started. At that point I got a refund. I was very disappointed.

Cons Unreliable

No, I do not recommend this product.

Was this helpful? [Yes 7](#) [No 104](#) [Report inappropriate content](#)

[Reply](#)

Comments (4)

JoseRivera

on February 22, 2017

Some people just don't have the strength on their arms to pull the cord fast enough to crank the engine. They pull the cord too slow.

Was this helpful? [Yes 6](#) [No 1](#) [Report inappropriate content](#)

asldj23dfc

on February 24, 2015

I agree with the others, it doesnt sound like this fellow is used to working with small engine products, if you dont know how to start it, you can make it difficult on yourself. Probably just kept flooding and choking it, dealer had no problems twice lol sounds like the dealer probably requested that the customer get his money back to end the hopeless cusotmer relationship. These things arent perfect but they sure as heck do start.

Was this helpful? [Yes 16](#) [No 0](#) [Report inappropriate content](#)

CaleKat

on August 16, 2014

OP said he was a beginner. I think the seller didn't match the tool very well.

Was this helpful? [Yes 5](#) [No 7](#) [Report inappropriate content](#)

SteveK

on August 7, 2014

Sounds like the operator, not the operated, is the problem

Was this helpful? [Yes 12](#) [No 1](#) [Report inappropriate content](#)

Comments (4)

★★★★★ 5 / 5
February 21, 2014

Quality

★★★★★ 5 / 5

Dependability

★★★★★ 5 / 5

Power

★★★★★ 5 / 5

Value

★★★★★ 5 / 5

Best equipment ever

shular1

From: Tennessee **Age:** 65 or over **Do you own your own house?** Yes **Outdoor tool expertise:** Intermediate Skill

I used other brands of trimmers for years and it was always a struggle. Much down time and repair and hang ups. I bought a Stihl trimmer and it was a dream. It cut the thick evergreen hedges like butter. Why didn't I get a Still earlier? It would have saved me time, frustration and money. I will always buy Stihl from now on.

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

Yes, I recommend this product.

Was this helpful? [Yes 24](#) [No 1](#) [Report inappropriate content](#)

Reply

★★★★★ 5 / 5
September 23, 2013

Quality

★★★★★ 5 / 5

Dependability

★★★★★ 5 / 5

Power

★★★★★ 5 / 5

Value

★★★★ 4 / 5

This product is a good profesional use

pe6468

From: Houston Tx. **Age:** 35 to 44 **Do you own your own house?** Yes **Outdoor tool expertise:** Professional Landscaper

Wonderful product for every day use on Professional landscaper

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

Cons none

Yes, I recommend this product.

Was this helpful? [Yes 16](#) [No 0](#) [Report inappropriate content](#)

Reply

★★★★★ 5 / 5
August 1, 2013

Quality

★★★★★ 5 / 5

Dependability

★★★★★ 5 / 5

This product has great features

Rickman

This equipment is perfect for the hard to reach places. Very easy to use and the adjustable angles of the blade is very convenient.

Power

 5 / 5

Value

 5 / 5

Pros Reliable

Cons Heavy

Yes, I recommend this product.

Was this helpful? Yes 12 No 3 [Report inappropriate content](#)

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1 2 next



Optional Accessories



Gearbox Attachments

Gearbox attachments are available for this model. View the [interchangeable gearbox chart](#) to find out which attachments work with this model.

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

For Your Safety



GSX Glasses

Sleek and smart, STIHL GSX Glasses are an ideal combination of style and protection. Adjustable temples allow a customized fit while a soft nose pad offers comfort that lasts all day. These polycarbonate glasses feature impact-resistant lenses and filter out 99% of harmful UV rays.

Meets ANSI Z87+ Standard

Available lens colors: Smoke Mirror, Blue Mirror

**Brush Shield Protector**

Cut through your day with the protection and comfort of the STIHL Brush Shield Protector. Developed for users of clearing saws, trimmers and brushcutters, the shield offers face and hearing protection in a lightweight package. The epoxy-coated steel full-face screen helps protect you from flying debris while comfortable, adjustable hearing protectors help reduce loud tool and engine noise.

Noise Reduction Rating (NRR) of 25 dB(A)

NOTE: Goggles or protective glasses meeting ANSI Standard Z87.1 must be worn under face screen and shield for primary eye protection.

**Work Gloves**

These STIHL Work Gloves are ready to go to work for you. Made of premium goat skin leather at the palms and fingertips, they provide durability and softness for a comfortable fit. The high-visibility orange back of the gloves feature breathable knit material for improved airflow. And the knit wrist is elongated for a secure fit under a sleeve, keeping out dirt and other debris.

Materials: Goat skin leather with knit backing

Available sizes: One size fits most

Are You Ready for a STIHL?

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

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

[STIHL Limited Warranty](#)

[Contact Us](#)

Are You Ready for a STIHL?