

STIHL Cutquik® CUT-OFF MACHINE FEATURES & BENEFITS

X2 AIR FILTRATION SYSTEM

Designed to reduce downtime due to engine maintenance; removes most of the dust particles before they reach the air filter and achieves an incredible 99.96% cleaning efficiency.

STIHL ELASTOSTART™

The ElastoStart™ starter handle is a feature of STIHL. It is a starting grip with a built-in shock absorber that helps reduce the effort when pulling on the starter cord. The ElastoStart™ starter grip noticeably reduces the sudden peak forces (compression) normally felt during cranking.

STIHL INJECTION

STIHL Injection (i) technology has been field tested and proven reliable on the TS 500i cut-off machine and MS 500i chainsaw to reliably deliver high performance in all operating conditions.



TECHNOLOGY

STIHL Injection

The electronically controlled fuel injection (i) ensures flawless running characteristics and engine power compared with power tools that do not feature injection technology.

Electronic Water Control

The water supply switches on and off automatically.

Easy Use of Water Supply

Metering via simple buttons.

STIHL Anti-Vibration System

Buffer and spring elements reduce the transmission of engine vibrations to the operator's arms and hands, making the tool comfortable to use.

COMFORT

Water Connection

The quick-release coupling is easy to attach. The water is routed to the cutting wheel for cleaning and dust suppression during wet cutting.

Tool-Free Fuel Cap

Special caps allow you to open and close the tank cap quickly, easily, and without tools.

Magnesium Guard

The cast magnesium cutting wheel guard is particularly light. The guard and water supply are ergonomically designed.



9" Wheel

TSA 230 STIHL Cutquik®



Lightweight and easy to start, the TSA 230 is the world's first battery-powered cut-off machine, great to use outdoors or indoors for cutting brick, tile, and metal.



12" Wheel

TS 410 STIHL Cutquik®



The TS 410 features a 12" cutting wheel, while the X2 air filtration and anti-vibration system make this cut-off machine easy to use and maintain.



14" Wheel

TSA 300 STIHL Cutquik®



The TSA 300 is a powerful battery-powered STIHL Cutquik® that can cut through a 4" thick concrete slab with a maximum cutting depth of 4.3". The TSA 300 features the STIHL magnetic filter that captures fine magnetic debris before it enters the brushless motor.



14" Wheel

TS 420 STIHL Cutquik®



Compact, lightweight, and reliable, the TS 420 features all the high-performance features of the TS 410 with the added benefit of a 14" cutting wheel.



SMART POWER, CLEANER CUTS—THE FUTURE OF CUTTING MACHINES

The TSA 300 is built with pro-level accuracy and powered by high-performance batteries. It's ready to tackle any task without the limits of cords or fuel. Take control with portable power and unmatched precision.



14" Wheel

TS 440 STIHL Cutquik®



The TS 440 has expanded guard adjustability made possible by the STIHL Quickstop® Wheel Brake, which is designed to reduce the risk of injury from kickback when the guard has been adjusted to expose the top portion of the wheel.



14" Wheel

NEW!

TSA 500 STIHL Cutquik®



The TSA 500 delivers 5 kW of cutting force with tool-free startup, smart airflow, and a 14" wheel for deep, clean cuts—no fuel, low maintenance, and IPX4 water resistance.



BUILT TOUGH TO POWER THROUGH THE WORKDAY

The new TSA 500 delivers the cutting performance you expect from STIHL—with the convenience of battery power. Its robust magnesium guard, water connection for dust suppression, and low-vibration design make it durable, comfortable, and ready for long days on site. Quiet, powerful, and built to last, the TSA 500 is made to handle real work in real conditions.



14" Wheel

TS 500i STIHL Cutquik®



The TS 500i boasts the world's first electronically controlled fuel-injection system in a cut-off machine that increases power and performance while remaining lightweight and well-balanced.



14" Wheel

TS 710i STIHL Cutquik®



The TS 710i STIHL Cutquik® featuring STIHL injection offers durability along with fast cutting speeds. The lightweight components help minimize user fatigue, so users can get more work done in a day.





16" Wheel

TS 910i STIHL Cutquik®

The TS 910i STIHL Cutquik® features the highest-in-class power and 24% more power than the TS 800. The compact powerhead design offers better handling in tight spaces, and the modern anti-vibration system is designed for increased operator comfort.



Electronically controlled fuel injection allows for high performance, excellent acceleration, and low weight when compared to other cut-off machines in its class.

IMPORTANT INFORMATION

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 these products. For full specification information for all STIHL Cutquik® cut-off machines, please refer to page 78.

INDUSTRY-LEADING STIHL INJECTION TECHNOLOGY

POWERFUL, RAPID ACCELERATION

Fuel injection delivers fuel directly into the crankcase via an injection valve or directly into the intake manifold. The injection pump keeps the fuel pressure constant, ensuring the fuel injection valve provides exactly the right amount of fuel at any point during use.

FIELD TESTED AND PROVEN RELIABLE

The STIHL fuel injection system has proven itself to be reliable, delivering high performance in a wide range of operating conditions on the TS 500i, TS 710i, and TS 910i cut-off machine.

INDUSTRY-LEADING TECHNOLOGY

Pros can take advantage of industry-leading technology that delivers the high performance they need. The fuel injection system makes starting easier and more reliable by eliminating both the choke and carburetor and compensates for a dirty air filter, changes in elevation, and changes in fuel quality. Sensors measure air pressure and internal and external temperature and pass information on to the control unit.