

Cut-Off Machine Common Features

From demo work to rescue work, there are many reasons professionals with the most demanding jobs demand STIHL. Some appreciate the long-lasting X2 Air Filtration System that saves time spent on maintenance; others want the IntelliCarb™ compensating carburetor that saves fuel; many need the lightweight balance and design that saves energy; and everyone values the unmatched STIHL reliability and performance that rescue workers depend on to save lives. Whether you're cutting metal, asphalt or iron, conserving time, fuel or energy - or depending on your equipment to help save lives - you'll want the best. You'll want a STIHL.



Standard Features

- A Replaceable "In Tank" Fuel Filter** lowers cost and is easy to maintain.
- B Heavy-Duty Air Filtration System.** The TS 410, TS 420, TS 700 and TS 800 feature the X2.
- C Air Filter Cover** is easy to remove for fast and easy filter replacement.
- D Upright and Enlarged Fuel Port** for easy fueling.
- E Bayonet Style Fuel Cap** with retainer for easy use, even with gloves on.
- F Easy-Access Carburetor Adjustment Screws** let you adjust the carburetor for local cutting and altitude conditions.
- G Throttle Trigger Interlock** must be depressed before the trigger can be activated.
- H Protected Throttle Trigger** helps prevent damage.
- I On/Off Switch** is conveniently located on top of handle and recessed to prevent accidental shutdown.
- J ElastoStart™ Handle** has a built-in shock absorber for smoother starting.
- K Spark Plug** is protected yet easy to change.
- L High-Tech Polymer Housings** are lightweight and are corrosion-resistant.
- M High-Performance Cooling System** for superior air flow and heat dissipation.
- N Protected Decompression Valve** makes starting easier.
- O 2-Ring Pistons** improve engine efficiency and hold compression longer than 1-ring pistons. Also they transfer heat from the piston to cylinder better, helping engine stay cooler and last longer.
- P Long-Life Cylinders** give maximum wear life, better cooling and lubrication, and more power output per cubic centimeter of engine displacement.
- Q Anti-Vibration System** reduced operator fatigue.
- R Spark Arrestor Muffler** has large baffles which reduce noise level, and contains a screen designed to reduce the emission of sparks.
- S Water Kit** reduces dust when cutting concrete.
- T Semi-Automatic Belt Tensioner** allows for easy adjustment of drive belt.
- U Reversible Cutting Arm** lets you cut in the inboard or outboard position.
- V Water Attachment Kit**

Additional Features

- Electronic Ignition** provides easy starting and smooth running.
- IntelliCarb™ Compensating Carburetor** measures air on clean side of air filter and adjusts metering diaphragm in carburetor, maintaining optimal fuel-to-air ratio. Keeps RPM levels even when the air filter begins to clog.
- Balance and Design** helps reduce fatigue and makes handling easy.

NOTE: STIHL Cutquik® cut-off machines have many common features. However, all models may not have all the features shown here. Consult your dealer for details.