

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.



X2 Air Filtration System

The X2 Air Filtration System revolutionizes the cut-off machine industry by allowing air filters to last up to a year, based on cutting conditions. Outside air enters the system in a swirling motion, removing 80% of dust particles. This pre-cleaned air is then routed through the primary and secondary air filters before being sent into the engine. The X2 Air Filtration System is virtually maintenance free and maintains an incredible 99.96% cleaning efficiency.



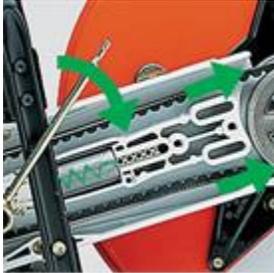
Anti-Vibration System

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.



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. The forces which occur at the grip after the first compression stroke are smoothed out.



Semi-Automatic Belt Tensioning

With consistent, semi-automatic re-tensioning, this feature increases the service life of the belts and shaft bearings.



Ergonomic Grip

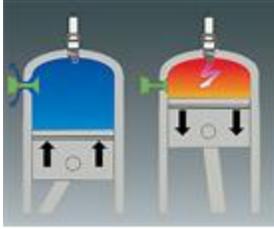
The ergonomic top-handle bar design provides an optimal comfortable grip in any working position.



IntelliCarb™ Compensating Carburetor

The IntelliCarb™ Compensating Carburetor is designed to automatically adjust the air/fuel ratio when the air filter becomes restricted or partially clogged and maintains the engine's correct RPM.

IntelliCarb™ uses air from the clean side of the air filter to control the diaphragm and flow of fuel. As the air filter becomes dirty and less air is available for the carburetor, the IntelliCarb™ system adjusts the fuel flow to compensate for the decrease in air flow. This is in contrast to typical carburetors that utilize this air from the "dirty" side of the air box.



Decompression Valve

The decompression valve reduces the compression in the combustion chamber during cranking and helps reduce the effort needed to pull the starter rope.