

saw chain with a bar wrench as opposed to the typical location of the guide bar adjustment screw.

## Warnings and Safety

**Note:** STIHL engine products with the Caring for the Environment logo exceed rather 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. The MS 661 MAGNUM chainsaw delivers the professional power and rugged dependability you need to take on tough felling jobs.

\* The actual listed guide bar length can vary from the effective cutting length based on which powerhead it is installed on.

# Stihl 25" Gas Professional Chainsaw - MS

## 661 Magnum

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**SKU:**MS-661-MAGNUM

**Price:**\$1919.99

**Categories:**[STIHL](#)

## Product Description

### Features

**Ematic™ Lubrication System** -The Ematic™ guide bar, when used with STIHL OILOMATIC® saw chain, will provide proper lubrication and less oil consumption than conventional methods. The system works because two ramps, strategically placed in the guide bar rail, help contain the flow of oil and direct all lubrication to the sliding faces of the bar and chain links as well as the rivets and driver holes, which in turn can reduce bar oil consumption up to 50%.

**STIHL ElastoStart™** -The ElastoStart™ starter handle is an exclusive 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.

**HD2 Air Filter** -The HD2 air filter on this unit is washable, providing extremely long filter life and lowering maintenance costs. The large surface area allows for longer run times between cleanings and high performance even while operating in dusty and dry conditions. Overall, the HD2 air filter provides better protection of the engine compared to standard air filters.

**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.

**STIHL Quickstop®** -STIHL chainsaws are equipped with a chain stopping system designed to reduce the risk of injury in certain kickback situations. It is called a STIHL Quickstop® chain brake. The STIHL Quickstop® chain brake is designed to stop the rotation of the chain if activated by the operator's hand or by inertia if the saw kicks back with sufficient force. In some working positions, the STIHL Quickstop® chain brake can be activated by inertia, stopping the chain within fractions of a second.

**Bumper Spikes** -These spikes prevent pull-in and provide better control, making cutting easier.

**Lightweight Sprocket Cover with Captive Bar Nuts** -The sprocket cover is lightweight and the captive bar nuts are held securely in place for efficient saw chain maintenance.

**Adjustable Automatic Oiler** -The Adjustable Automatic Oiler allows the user to adjust the lubricant of the guide bar and saw chain for different bar lengths and cutting conditions.

**Decompression Valve** -The decompression valve, also referred to as 'deco' or 'deco valve', vents compression in the cylinder for easier starting. The decompression valve temporarily reduces the compression in the combustion chamber during cranking and helps reduce the effort needed to pull the starter rope. It is opened manually and closes automatically as soon as the engine fires.

**Side-Access Chain Tensioner** -The side-access chain tensioner makes it much more convenient for the user to adjust the