

MS 311 Chainsaw

Landowner Chainsaw Range

STIHL[®]



STIHL MS 311 FarmBoss® Chainsaw

For cutting firewood in medium-density stands. Redesigned model with weight reduced by 200 grams, new long-life air filter system with a very long filter life, economical 2-MIX engine, decompression valve for an effortless start.

Specifications

Displacement	59.0cm ³
Power Output	3.1kW / 4.2hp
Bar Length	50cm / 20"
STIHL Oilomatic saw chain pitch / type	3/8" / Rapid Micro
Weight ⁽¹⁾	6.2kg

⁽¹⁾ Without fuel, without bar and chain

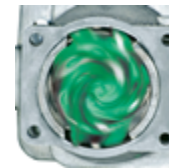
Features

- Decompression button
- Easy starting
- Less fuel, less emissions
- STIHL Anti-vibration system
- STIHL Ematic system
- Single-lever master control



Pre-separation air filtration system

The innovative long-life air filter system greatly extends the service life of the filter. Air routing removes larger particles of dirt, meaning the actual filter has less to do. So the saw can be used for longer without having to clean the filter.



Advanced combustion technology

Four overflow channels swirl the fuel-air mix before ignition, allowing for optimum combustion and highly efficient performance. The result: lower consumption and high torque across a broad rpm range.



Compensator

This controller in the carburettor prevents the fuel-air mixture getting richer as the air filter becomes clogged. The correct quantity of fuel is delivered to the carburettor depending on the quantity of air passing through the air filter. This keeps the fuel/air ratio in the combustion mixture constant and hence also the engine power. The filter doesn't need to be cleaned until an appreciable drop in power occurs.



Decompression valve

The decompression valve is part of the easy start-system. The valve should be pressed before starting in order to reduce the compression pressure when starting, as well as the effort needed to pull the starter rope. The decompression valve is semi-automatic, meaning that it must be pressed manually before starting, but then closes automatically.



Controlled-delivery oil pump

The exact chain oil output can be adjusted manually for varying conditions, allowing for a reduction of up to 50%.