

MS 381 Chainsaw

Professional Chainsaw Range

STIHL[®]



STIHL MS 381 Professional Chainsaw

The MS 381 C-M is a rugged all-rounder equipped with STIHL's environmentally friendly 2-MIX engine technology for less fuel consumption, less emissions and outstanding cutting performance. In addition the MS 381 C-M features a heavy duty (HD) air filter system with pre-separation for long filter life which equates to less downtime cleaning the filter. The MS 381 C-M is fitted with STIHL's M-TRONIC electronic engine management system which enables the saw to automatically adjust to varying fuel grades, changes in altitude and temperature and as there are no manual carburettor adjustments starting this saw is easier than ever before, simply push the start level to the on position and pull. The MS 381 C-M is now the only choice for professionals.

Specifications

Displacement	72.2cm ³
Power Output	3.9kW / 5.3hp
Bar Length	50cm / 20"
STIHL Oilomatic saw chain pitch / type	3/8" / Rapid Super
Weight ⁽¹⁾	6.6kg

⁽¹⁾Without fuel, without bar and chain

Features

- Easy starting
- STIHL Anti-vibration system
- For demanding jobs



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.



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.



Controlled-delivery oil pump

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



Single-lever master control

All important functions such as start, choke, throttle and stop are operated via a single lever.



STIHL Ematic-System

The Ematic chain lubrication system ensures pinpoint lubrication of the saw chain links and guide bar rails. When used with STIHL OILOMATIC saw chain, it will provide maximum lubrication, longer wear and less oil consumption than conventional methods of chain lubrication. The Ematic system can reduce bar oil consumption up to 50%.