



**MS 261 C-M with M-Tronic.
Perfect engine settings every time.**

NEW

Original STIHL saw chains: superior quality for peak performance

- Quality STIHL development: STIHL is the only chain saw manufacturer in the world that also develops its own saw chains and guide bars. This means that the three components are guaranteed to match each other perfectly.
- Quality STIHL production: all our saw chains are manufactured with Swiss precision in our STIHL factory in Wil, Switzerland. They are made using special machines that have also been developed and manufactured by STIHL.
- Superior cutting performance: STIHL saw chains not only deliver outstanding cutting performance on STIHL chain saws, but are also excellent on chain saws from other manufacturers.



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**The STIHL MS 261 C-M.
With M-Tronic fully electronic engine management.**

The STIHL MS 261 C-M



STIHL
M-Tronic

Compact, powerful and fitted with the M-Tronic (M) fully electronic engine management system as standard – the new STIHL MS 261 C-M chain delivers optimal engine performance at all times and really comes into its own when trimming branches, harvesting thin wood and felling trees in medium density stands. Thanks to its cutting precision and powerful torque, it also makes light work of thinning jobs.



The benefits of technical innovation



Powerful, clean and efficient

1 2-MIX engine

Powerful torque with lower emissions – now possible thanks to the STIHL 2-MIX engine with a 50.2 cm³ displacement and an output of 2.9 kW. This 2-stroke engine with 2-MIX technology combines a cylinder with four-channel technology and a stratified charge system. The result: high torque over a wide rpm range – with up to 50% lower exhaust emissions and up to 20% lower fuel consumption compared to STIHL two-stroke engines of the same performance class without 2-MIX technology.

Excellent handling and optimum manoeuvrability

2 Professional anti-vibration system

The MS 261 C-M runs noticeably smoother thanks to its precisely adjusted anti-vibration system. This system features special springs between the engine block and the handles, which act as buffer zones and reduce the vibrations generated by the engine and the rotating saw chain to just 3.5 m/s², making your work less strenuous and tiring.

3 STIHL .325" Rapid Super (RS) low-vibration saw chain

Original **STIHL**
Swiss Made



The STIHL .325" Rapid Super saw chain effectively dampens the transmission of surge energy to the guide bar, thereby significantly reducing the vibrations transferred to the operator. It also enables smooth incisions and cutting, is less prone to chatter and provides excellent cutting and plunge-cutting performance.

4 Die-cast magnesium and stainless steel muffler

The die-cast magnesium engine housing and stainless steel muffler give the tool a low weight of only 5.2 kg. And the high quality of these materials also ensures a long service life.

5 Compact design

A compact chain saw with a solid housing, this model has smooth surfaces, round contours and lean dimensions, which prevent the tool from snagging or getting caught on clothes or twigs. It delivers excellent handling.

6 Ergonomic handle position

This allows you to manoeuvre the chain saw precisely and safely without unnecessary strain.

STIHL .325" Rapid Super (RS)
low-vibration saw chain

3

The benefits of technical innovation

Optimal engine performance at all times

7 M-Tronic (M)

The STIHL MS 261 C-M chain saw offers professionals a superb performance right from the word go. No matter if you're just starting work, are already on the job or restarting the chain saw after a break, the M-Tronic adjusts the ignition timing in all operating modes. It also precisely and electronically meters the fuel supply even when external conditions vary: e.g. fluctuating temperatures, change in altitude and inconsistent fuel quality. So you can fully concentrate on the job and deliver peak performance right from the word go.

Optimal engine performance is achieved after just a few cuts. And to keep it that way, the M-Tronic continually monitors and electronically adjusts the fuel supply while the tool is in use. Manual carburettor adjustments via adjustment screws are a thing of the past.

In addition, the M-Tronic even saves your previous settings and restores them when you restart the chain saw. So when external conditions are the same, full engine performance is at your disposal after every new start – all without changing the settings or making other adjustments. Meaning that you save time and get the job done faster.

Quick and easy to start

8 Combi-lever with a stop button function

Thanks to the M-Tronic's ability to electronically distinguish between a cold or warm start, there is only one start position (▲) on the combi-lever. The exact amount of fuel needed for each kind of start-up is provided automatically. So you don't have to worry about what operational mode your chain saw is in – with this little beauty you can power up to full speed straight away, even after a cold start. When you stop the engine, the stop switch automatically flips back to operating position (I) which facilitates starting the machine again after brief interruptions.

9 Decompression valve and ElastoStart

The decompression valve in conjunction with ElastoStart reduces the tractive force on the starter cord, making it easier to start the engine. This is due to the fact that the decompression valve reduces the compression when the tool is started.



7 M-Tronic

9 Decompression valve and ElastoStart

8 Combi-lever with a stop button function

The benefits of STIHL comfort features



14 STIHL Ematic chain lubrication system

10 Long-life air filter system with air routing and HD2 filter

11 Captive nuts

12 STIHL side-mounted chain tensioning

STIHL filling system 13

Low maintenance

10 Long-life air filter system with air routing and HD2 filter

The MS 261 C-M chain saw comes equipped with a long-life air filter system which uses air routing to remove larger particles of dirt, meaning the actual filter has less to do and lasts longer. The HD2 filter is made of polyethylene (PET) and its pores are up to 70 % finer than those made of fleece or polyamide so it can stop even the most minute particles of dust. Furthermore, it is oil and water resistant, which makes it very easy to clean, e.g. with the STIHL Varioclean special cleaner. The HD2 filter can be fitted and removed in seconds without any tools.

Just one look under the hood

Simply open the three quick locks, take off the one-piece hood and you're ready to carry out three different maintenance jobs on the chain saw: you can clean the air filter, check the spark plugs and clean the cylinder fins.

User-friendly

11 Captive nuts



It's impossible to lose the sprocket cover nuts when you're swapping cutting attachments, as they are attached to the actual sprocket cover.

12 STIHL side-mounted chain tensioning

The saw chain can be tightened effortlessly using the side-mounted chain tensioner while avoiding contact with the sharp saw chain.



13 STIHL filling system

Both the fuel and oil tanks have large openings, making for easy refilling without spilling. And the fuel tank is transparent, so the fuel level is always visible. The patented STIHL special caps on the tanks can be easily opened and closed without the need for tools.

14 STIHL Ematic chain lubrication system

The oil pump can be adjusted to deliver just the right amount of oil to suit the cutting attachment you're using or the kind of wood with which you are working. A precisely measured amount of chain lubricant is delivered to exactly where it's needed. This reduces the amount of chain lubricant used by up to 50 %, depending on the type of wood and the actual cutting attachment.

Model options

Standard model equipment

STIHL MS 261 C-M



- 2-MIX engine with stratified charge system
- Professional anti-vibration system and low-vibration saw chain
- M-Tronic (M)
- Long-life air filter system with air routing
- Captive nuts
- Side-mounted chain tensioning
- User-friendly STIHL filling system with transparent fuel tank and toolless fuel caps
- STIHL Ematic chain lubrication system
- Adjustable oil pump

Models with additional features

STIHL MS 261 C-MQ



The additional QuickStop Super chain brake (Q), a STIHL exclusive, provides an added layer of safety. The saw chain not only stops in seconds whenever there is a sufficiently strong kickback or the front hand guard is activated, but also whenever the user lets go of the rear handgrip. A key benefit is that QuickStop Super operates in all working positions – without the need for an additional lever or handle.

STIHL MS 261 C-BM



STIHL Quick Chain Tensioning (B) makes your work more comfortable as it makes it really easy to adjust the saw chain without tools or coming into contact with the sharp saw chain. Just release the sprocket cover and turn the knob to set the optimum chain tension.

STIHL MS 261 C-M VW



The electric handgrip heating (W) helps you keep a firm grip on your machine even in the depths of winter, making operation safer. No-maintenance, non-wearing heating strips in the front and rear handles can be switched on as required to make

the handles warmer and dryer. The carburettor heating (V), with its temperature-dependent switch-on/off control, prevents the carburettor from freezing while working in winter.



				
	MS 261 C-M	MS 261 C-MQ	MS 261 C-BM	MS 261 C-MVW
Displacement (cm³)	50.2	50.2	50.2	50.2
Power output (kW/hp)	2.9/3.9	2.9/3.9	2.9/3.9	2.9/3.9
Weight (kg)*	5.2	5.3	5.3	5.4
Power-to-weight ratio (kg/kW)	1.79	1.83	1.83	1.86
Sound pressure level** (dB(A))	104	104	104	104
Sound power level** (dB(A))	116	116	116	116
Vibration level*** left/right (m/s²)	3.5/3.5	3.5/3.5	3.5/3.5	3.5/3.5
Oilomatic saw chain	.325"	.325"	.325"	.325"
Pitch	RS ^①	RS ^①	RS ^①	RS ^①
Type				
Rollomatic bars	37	37	37	37
(bar length. cm)****	40	40	40	40
Lightweight guide bar	–	–	–	–
Controlled-delivery oil pump	●	●	●	●
Side-mounted chain tensioning	●	●	–	●
STIHL Quick Chain Tensioning (B)	–	–	●	–
QuickStop Super chain brake (Q)	–	●	–	–
Decompression valve	●	●	●	●
STIHL ElastoStart	●	●	●	●
Compensator	●	●	●	●
Long-life air filter system	●	●	●	●
HD2 filter	●	●	●	●
Toolless fuel cap	●	●	●	●
Electric handgrip heating (W)	–	–	–	●
Electric carburettor heating (V)	–	–	–	●
STIHL engine	2-MIX	2-MIX	2-MIX	2-MIX
STIHL M-Tronic	●	●	●	●
<div><div>* Without fuel, guide bar or saw chain</div><div>** K factor according to Dir. 2006/42/EC = 2.5 dB(A)</div><div>*** K factor according to Dir. 2006/42/EC = 2 m/s²</div><div>**** Depending on the type of chain saw, the stated bar length may not be the same as the actual bar length.</div><div>① RS: Rapid Super</div><div>● Standard</div></div>				