

STIHL®



Light to hold, tough on wood.

Chainsaws
STIHL MS 241 C-M and
STIHL MS 261 C-M



With electronic
engine management



STIHL
M-Tronic

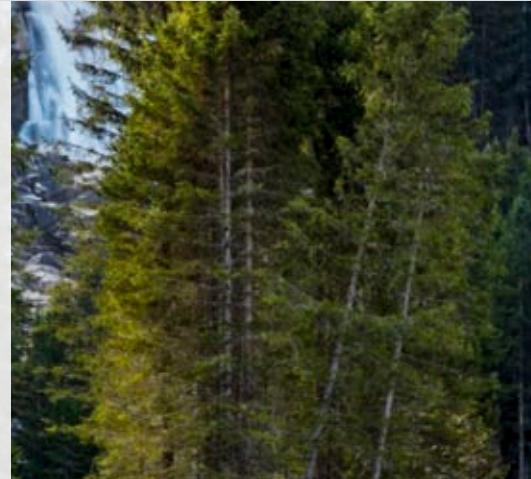
Even more powerful, manoeuvrable and reliable: STIHL MS 241 C-M and MS 261 C-M



STIHL
M-Tronic

STIHL has further optimised its popular MS 241 C-M and MS 261 C-M chainsaws. The power output is noticeably higher, despite the reduced weight, while the electronic M-Tronic engine management (M)

ensures easy starting and optimum engine performance at all times. The new MS 261 C-M is also conspicuous by its optimised design, which massively improves handling. These chainsaws will allow you to carry out the most demanding work with impressive ease.





Greater performance, reduced weight, ergonomic design

*"It's all about
power, weight
and handling!"*





1 Powerful, efficient and environmentally-friendly

The **STIHL 2-MIX engine** is both powerful and environmentally-friendly. It combines one cylinder with efficient four-port engineering and stratified scavenging. The results are convincing: high torque across a wide speed range. The two-stroke engine saves up to 20 % of fuel and reduces emissions by up to 70% compared to STIHL 2-stroke engines of the same performance class without 2-MIX technology. These new chainsaw designs also impress with engine performance up to 0.2 kW higher. Indeed, the MS 261 C-M has the best power to weight ratio in its displacement class.

2 Lighter components for optimum handling

Despite their minimal weight, the **magnesium die-cast** engine casing and stainless steel muffler are very robust. The new MS 261 C-M also features weight-reduced components, such as a new cylinder. You will now find felling, pruning and delimiting jobs even easier.

3 Compact, ergonomic design

These highly manoeuvrable chainsaws with a solid casing have smooth surfaces, round edges and streamlined dimensions. The **ergonomic handle design** makes the saw comfortable to use in any working position. The STIHL MS 261 C-M also has a slimmed-down sprocket cover and optimised bumper spike. Sawing stability is increased, making the chainsaw even more comfortable to guide along the trunk.

4 Reduced vibration makes work less tiring

The MS 241 C-M and MS 261 C-M run noticeably smoothly. This is thanks to the precisely tailored **anti-vibration system**. Integrated buffer zones minimise the transfer of engine and saw chain vibrations to the front and rear handles. As a result you expend much less energy while working. Our **minimum vibration saw chains*** that we produce ourselves also effectively lessen the transfer of impact energy to the guide bar. Much less vibration is transferred to the user.

* e.g. the $\frac{3}{8}$ "-P Picco Super saw chain (PS) for the MS 241 C-M and the 0.325" Rapid Super saw chain (RS) for the MS 261 C-M

Technology highlight down to the smallest detail

"A saw that knows how high and how cold it is – that's great!"

5 Optimal engine performance

The **STIHL M-Tronic (M)** electronic engine management regulates the ignition timing and fuel metering in all operating conditions, taking into account external conditions such as temperature, altitude and fuel quality. It consistently ensures optimum engine performance, constant maximum engine speed and very good acceleration. The system precisely calculates the amount of fuel needed and supplies it on demand. No manual carburettor adjustment is necessary with M-Tronic. The engine management system also saves the settings from the last time of use. So when external conditions are the same, full engine performance is at your disposal immediately after you restart. You save time and can work faster.

6 Quick and easy to start

With STIHL M-Tronic, chainsaws only need one start position (▲) on the **combi-lever** for a cold start. You can run the saw at full speed straight away. Thanks to the **stop button function**, the control lever immediately moves back into the operating position (I) after the machine is turned off. This allows a warm machine to be restarted immediately.

7 Joint-friendly and strength-saving start-up process

Compression pressure creates jerky stresses when internal combustion engines are started. These put particular strain on your joints. The **STIHL ElastoStart** special shock absorber grip with damper ensures even, jerk-free starting without load peaks. The **decompression valve** also reduces the starting power required. This makes it easier to start the chainsaw, thus saving your strength.

6 Combi-lever with stop button function



5 STIHL M-Tronic (M)



7

The STIHL comfort features

8 Low-maintenance filter with lots of staying power

The **long-life air filter system with air routing** makes the MS 241 C-M and MS 261 C-M impress with their particularly long filter service life. The polyethylene (PET) **HD2 filter** keeps fine dust away from the engine, greatly extending the service life. The special material also allows you to easily clean the filter by washing with STIHL Varioclean and warm water, for example. It can be fitted and removed in next to no time.

9 No more lost nuts

Nuts can no longer be lost when changing the cutting attachment as each one is individually connected to the sprocket cover.

10 Easy, effortless tensioning

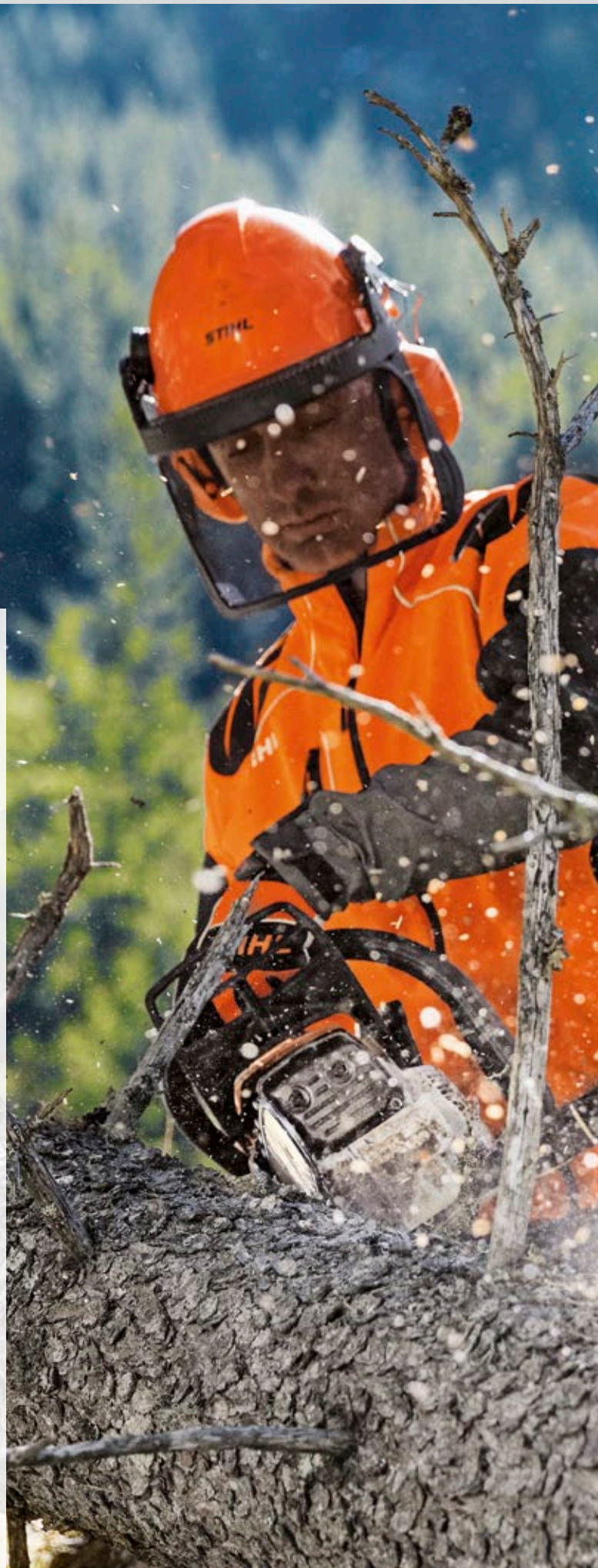
Side-mounted chain tensioning makes it easy to tension the chain safely.

11 Tool-free refuelling

Special caps allow the **tank caps** to be opened and closed simply and without tools.

12 Low chain lubricant consumption

Compared to conventional bars without Ematic, the **STIHL Ematic system** reduces the consumption of chain lubricant by up to 50%, depending on the type of wood and the cutting attachment used. The system comprises a STIHL Ematic or Ematic S guide bar, a STIHL Oilomatic saw chain and a variable-flow oil pump. As a result, virtually every drop of chain lubricant is delivered to exactly the right spot.



*"Fuelled, chain tensioned,
filter checked - off it goes!"*



The model versions

Features of the standard models

STIHL MS 241 C-M and MS 261 C-M



- STIHL 2-MIX-Motor
- STIHL 2-MIX engine
- STIHL anti-vibration system
- STIHL M-Tronic (M)
- Combi-lever with stop button function
- Decompression valve with STIHL ElastoStart
- STIHL long-life air filter system with air routing and HD2 filter
- Captive nuts
- Side-mounted chain tensioning
- User-friendly STIHL tank system
- STIHL Ematic system

Models with additional features

STIHL MS 261 C-MQ



Additional braking system **STIHL QuickStop Super (Q)** for extra safety – exclusive to STIHL. The saw chain only stops in response to sufficiently strong kickback, if the front hand guard is activated or if the user lets go of the rear handle. The saw chain is stopped within seconds, protecting the user.

STIHL MS 241 C-M VW and MS 261 C-M VW



The **electrically heated carburettor (V)** with temperature-dependent on-and-off control prevents the carburettor from icing up in winter mode.

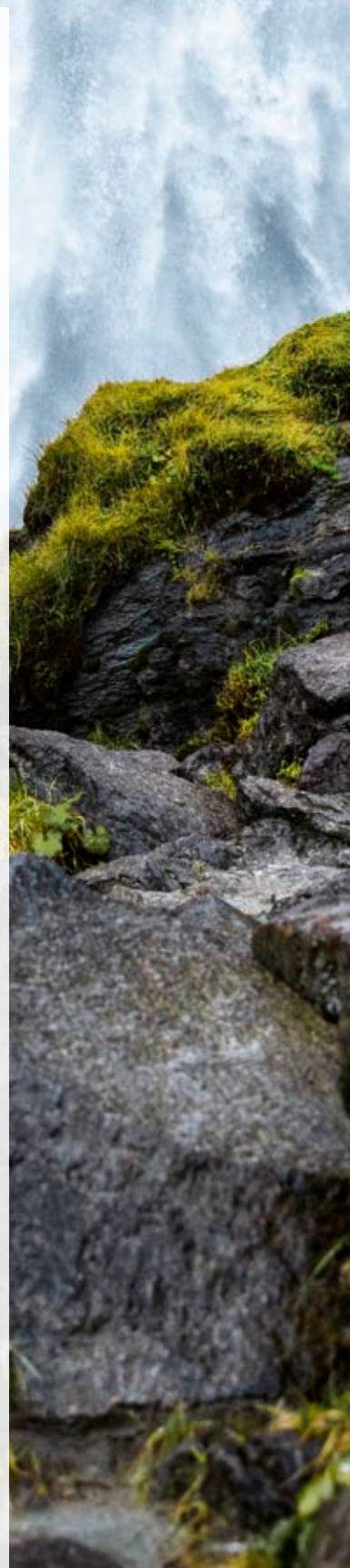
STIHL MS 241 C-BEM and MS 261 C-BM



With **STIHL Quick Chain Tensioning (B)**, it's easy to adjust the saw chain, without tools and without coming into contact with the sharp saw chain. Just release the sprocket cover and turn the adjusting wheel to set the optimum tension.

The **STIHL ErgoStart (E)** offers a convenient starting procedure with practically no effort. A spring between the starter cord reel and crankshaft relieves the strain when starting, meaning that excessive pulling on the cord is no longer needed.

The **electrically heated handles (W)** keep your hands warm and dry for a better grip, making your work safer in winter.





	MS 241 C-M	MS 241 C-BEM	MS 241 C-M VW	MS 261 C-M	MS 261 C-MQ	MS 261 C-BM	MS 261 C-M VW
Displacement (cm ³)	42.6	42.6	42.6	50.2	50.2	50.2	50.2
Power output (kW/hp)	2.3/3.1	2.3/3.1	2.3/3.1	3.0/4.1	3.0/4.1	3.0/4.1	3.0/4.1
Weight (kg) [Ⓞ]	4.5	4.9	4.8	4.9	5.0	5.0	5.1
Power-to-weight ratio (kg/kW)	2.0	2.1	2.1	1.6	1.7	1.7	1.7
Sound pressure level [Ⓞ] (dB(A))	103	103	103	104	104	104	104
Sound power level [Ⓞ] (dB(A))	115	115	115	116	116	116	116
Vibration level [Ⓞ] left/right (m/s ²)	2.9/2.9	2.9/2.9	2.9/2.9	3.5/3.5	3.5/3.5	3.5/3.5	3.5/3.5
Volume of fuel tank/chain oil (cm ³)	390/250	390/250	390/250	500/270	500/270	500/270	500/270
STIHL Oilomatic saw chain							
Pitch	3/8" P	3/8" P	3/8" P	0.325"	0.325"	0.325"	0.325"
Type	PS [Ⓞ]	PS [Ⓞ]	PS [Ⓞ]	RS [Ⓞ]	RS [Ⓞ]	RS [Ⓞ]	RS [Ⓞ]
Rollomatic bars (bar length, cm [Ⓞ])	35/40	35/40	35/40	37/40	37/40	37/40	37/40
Lightweight guide bar	○	○	○	–	–	–	–
Controlled-delivery oil pump	●	●	●	●	●	●	●
Side-mounted chain tensioning	●	–	●	●	●	–	●
STIHL Quick Chain Tensioning (B)	–	●	–	–	–	●	–
STIHL QuickStop Super (Q)	–	–	–	–	●	–	–
STIHL ErgoStart (E)	–	●	–	–	–	–	–
Manual fuel pump	–	●	–	–	–	–	–
Decompression valve	●	●	●	●	●	●	●
STIHL ElastoStart	●	–	●	●	●	●	●
Compensator	●	●	●	●	●	●	●
Long-life air filter system	●	●	●	●	●	●	●
HD2 filter	●	●	●	●	●	●	●
STIHL anti-vibration system	●	●	●	●	●	●	●
Tool-free fuel cap	●	●	●	●	●	●	●
Captive nuts	●	●	●	●	●	●	●
Electric carburettor heating (V)	–	–	●	–	–	–	●
Electrically heated handles (W)	–	–	●	–	–	–	●
STIHL 2-MIX-Motor	●	●	●	●	●	●	●
STIHL M-Tronic (M)	●	●	●	●	●	●	●

Ⓞ Excluding fuel, guide bar or saw chain
 Ⓞ K factor according to Dir. 2006/42/EC = 2,5 dB(A)
 Ⓞ K factor according to Dir. 2006/42/EC = 2 m/s²

Ⓞ PS = Picco Super
 Ⓞ RS = Rapid Super

Ⓞ The actual bar length may be shorter than the length given.

● Fitted as standard
 ○ Retrofittable (accessory)

Original STIHL saw chains and accessories

Original STIHL saw chains: superior quality for peak performance

- Alongside the powerheads, STIHL develops its own saw chains and guide bars. This means that the three components are always guaranteed to match each other perfectly.
- STIHL production quality: STIHL 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.
- Super cutting performance: STIHL saw chains not only deliver outstanding cutting performance on STIHL chainsaws, but are also excellent on chainsaws from other manufacturers.



Accessories

- **Lubricants:** STIHL produces its own fuels and lubricants that are tailored precisely to the requirements of each tool.
- **Tools:** We offer a comprehensive range of tools and accessories for all your needs.
- **Personal protective equipment:** We supply a broad selection of effective and comfortable protective clothing, all of which meets the stringent STIHL quality standards.

If you have questions about our products or accessories, your local STIHL authorised dealer will be happy to help. For more information visit www.stihl.com.

For further information and advice:

www.stihl.com