

STIHL[®]



Fit for any forest.

**Chainsaw
STIHL MS 462 C-M**

**With electronic engine
management**



**STIHL
M-Tronic**



STIHL MS 462



TESTED IN
FORESTS ALL
OVER THE WORLD.

STIHL MS 462

The STIHL MS 462's many assets make it the ideal tool for all forestry work. To prove it, we got the toughest experts around the world to put it through various endurance tests – in the Alaskan wilderness, in the forests of the Alps, and in demanding felling operations in France. The results simply speak for themselves.



**Low
weight**



**High
acceleration**



**Performance at the highest
capacity with M-Tronic**



**Reliable and
low-maintenance**

Low weight



Damien Lormand, 38, independent arborist and qualified tree climber, Haute-Savoie, France

“MY SAW GOES EVERYWHERE WITH ME. BECAUSE OF THIS, LIGHTNESS IS PARAMOUNT.”



Makes light work when every gram counts

When it comes to prolonged use in rough terrain, the weight of your chainsaw makes all the difference. That's why we put the emphasis on a lightweight, compact design and maximum ease of use when we made the MS 462.

Lightweight and flexible

Just 6 kg in weight, with a new, lighter flywheel that has a smaller diameter, the MS 462 is a felling saw and pruning saw rolled into one. Reduced gyroscopic force means optimal handling and energy-efficient work.



Gets going when things get tough.

It may be lightweight, but the MS 462 makes no compromises when it comes to performance. Driven by a robust and powerful STIHL 2-MIX engine with 4.4 kW, it has very high torque over a wide speed range. Whether processing, or harvesting large timber: With the MS 462, tough jobs go quickly and effortlessly – especially pruning.

Powerful and responsive

A special feature of the MS 462 is its extremely fast acceleration, from 0 to 100 km/h in just 0.3 seconds.



Jean-Charles Mogenet,
47, forestry worker,
Haute-Savoie, France

“THE ACCELERATION OF THE STIHL MS 462 IS EXTRAORDINARILY FAST. EXACTLY WHAT I NEED.”

"THE STIHL MS 462 RUNS AT FULL CAPACITY RIGHT AWAY. THAT'S NOT A GIVEN AT ALTITUDE."



Hannes Klausner,
37, forestry worker,
Pingzau, Austria



Powerful performance wherever you need it.

Forestry work in mountainous regions requires equipment that can perform at altitude. M-Tronic (M) electronic engine management ensures optimal engine performance, constant maximum engine speed and very good acceleration in all operating conditions. The system determines the ignition timing and the required quantity of fuel based on external conditions, such as temperature, altitude and fuel quality. There is no need to manually adjust the carburettor.

Fast and spontaneous

Wherever and whenever: Thanks to M-Tronic, the MS 462 has the best possible acceleration, even from a cold start. You can always start up right away with optimal performance, all while concentrating fully on your work.



Gordan Chew
61, lumberjack and saw mill owner,
Tenakee Springs, Alaska



"I NEED A SAW I CAN RELY ON COMPLETELY. THE STIHL MS 462 IS THAT KIND OF SAW."



Keeps going when it really matters

When it comes to service and maintenance, the MS 462 is optimised down to the smallest detail. The one-piece hood with quarter-turn fasteners allows easy access to all parts for maintenance, such as the filter, cylinder and spark plug. Tried-and-tested features such as side-mounted chain tensioning and captive nuts on the sprocket cover make maintenance and repair easy.

Dust-free and easy to maintain

The new HD2 air filter with radial seal has an even longer service life and an improved fine dust filtering effect. This extends the service life of the engine's all-round protection and reduces wear and tear.



Slim and handy

The MS 462 has a slimmer, lighter sprocket cover with integrated slide rails and guide edges **for less effort when pruning** and easier guidance of the chainsaw on the trunk. The narrow front handle guide on the saw housing allows for easy handling.

Powerful and eco-friendly

The efficient **STIHL 2-MIX engine** offers impressive high torque over a wide speed range, which is a prerequisite for outstanding cutting performance. The engine runs in an especially efficient and eco-friendly way due to its low fuel consumption and minimal exhaust emissions.

Minimum vibration, minimum effort

The MS 462's new **STIHL anti-vibration system** ensures a low vibration load together with high stability. The saw is more stable to hold, significantly reducing stress on hand and arm muscles. Cut guidance stays precise even with longer guide bars. As a result, you expend much less energy when working.

Simple and functional

The ElastoStart **special shock absorber grip** allows for smooth starting without jerky movements. The integrated **decompression valve** also reduces the required starting power and makes starting the saw much easier.

Very user-friendly with high serviceability



Equipment options

STIHL MS 462 C-M



- STIHL 2-MIX engine
- STIHL anti-vibration system
- STIHL M-Tronic (M)
- Combi-lever with stop button function
- STIHL ElastoStart with decompression valve
- Slim, lightweight sprocket cover
- Lighter flywheel, smaller in diameter
- STIHL HD2 air filter with radial seal
- Captive nuts
- Side-mounted chain tensioning
- STIHL Ematic System

STIHL MS 462

The MS 462 is also available without STIHL M-Tronic engine control. Users can adjust and control engine performance manually.

STIHL MS 462 C-M VW

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

The **electrically heated handles (W)** ensure warm, dry hands and a better grip. This significantly improves comfort, especially in winter.

Purposeful and easy to guide

Two black lines have been integrated into the chainsaw design for better directional control during felling and plunge cuts.

Accessible one-piece design

The hood is moulded in a single piece. Just one quarter-turn per fastener is required to remove the hood. This allows quick and total **access to all parts for maintenance**: Cylinder, spark plug and air filter.

Fuel-efficient and adjustable

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 extended adjusting range of the oil pump means that the oil level can be increased still further if required. This is especially useful in dusty conditions or when using a long guide bar.

Robust and relaxed

Changing **the cutting attachment** is effortless thanks to captive nuts. Since each nut is joined to the sprocket cover, they can no longer come loose by accident during maintenance work.

Tool-free and easy

Refuelling **is made clean and easy** with special caps. The caps can be opened and closed easily, without using tools.

Safe and comfortable

The **side-mounted chain tensioning** makes it safe and easy to tension the chain in use. Contact with the sharp saw chain is avoided.

	MS 462 C-M	MS 462	MS 462 C-M VW
Displacement (cm ³)	72,2	72,2	72,2
Power output (kW/hp)	4,4/5,98	4,4/5,98	4,4/5,98
Weight (kg) ^①	6,0	6,0	6,1
Power-to-weight ratio (kg/kW)	1,4	1,4	1,4
Sound pressure level ^② (dB (A))	108	108	108
Sound power level ^③ (dB (A))	119	119	119
Vibration level ^④ left/right (m/s ²)	4,8/3,6	4,8/3,6	4,8/3,6
Volume of fuel tank/chain oil (cm ³)	720/340	720/340	720/340
STIHL Oilomatic saw chain	3/8" pitch	3/8" pitch	3/8" pitch
type	RS ^⑤	RS ^⑤	RS ^⑤
Rollomatic bars (bar length, cm) ^⑥	40/45	40/45	40/45
Rollomatic ES lightweight guide bar (bar length, cm)	50	50	50
Controlled-delivery oil pump	●	●	●
Side-mounted chain tensioning	●	●	●
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 engine	●	●	●
STIHL M-Tronic (M)	●	–	●

① Excluding fuel, guide bar and saw chain
 ② K factor according to Dir. 2006/42/EC = 2.5 dB(A)
 ③ K factor according to Dir. 2006/42/EC = 2 m/s²
 ④ Depending on the type of chainsaw the actual bar length may be shorter than the bar length indicated
 ⑤ RS: Rapid Super
 ● Fitted as standard

Original STIHL saw chains and accessories

Original STIHL saw chains: superior quality for peak performance

- **An optimal combination:** Alongside its powerheads, STIHL develops and produces its own saw chains and guide bars. This means that the three components are always guaranteed to match each other perfectly..
- **Unique production quality:** STIHL saw chains are manufactured with Swiss precision in our STIHL factory in Wil. They are made using special machines that have also been developed and manufactured by STIHL.



Accessories

- **Lubricants:** STIHL produces and distributes its own fuels and lubricants which are tailored precisely to the requirements of each tool.
- **Tools:** We offer a comprehensive range of tools and accessories for all your daily work needs.
- **Personal protective equipment** We have a wide selection of effective and comfortable protective clothing, all of which meets our 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.co.za.

For further information and advice:

www.stihl.co.za