

# Chainsaw STIHL



MS 170



MS 171



MS 180



MS 181



MS 211

## Features

### STIHL MS 170 / MS 180

- STIHL 2-MIX engine
- STIHL filter system
- QuickStop chain brake
- side-mounted chain tensioning (for MS 180)
- master control lever
- low-vibration, low-kickback saw chain

## Additional features

### STIHL MS 171 / MS 181 / MS 211

- long-life air filter system with air routing
- transparent tank system
- large tank opening
- air filter can be changed without tools
- just one shoulder screw on the sprocket cover
- STIHL anti-vibration system with special springs

	MS 170	MS 171	MS 180	MS 181	MS 181 C-BE	MS 211	MS 211 C-BE
Displacement (cm <sup>3</sup> )	30.1	31.8	31.8	31.8	31.8	35.2	35.2
Power output (kW/hp)	<b>1.2/1.6</b>	<b>1.3/1.8</b>	<b>1.4/1.9</b>	<b>1.5/2.0</b>	<b>1.5/2.0</b>	<b>1.7/2.3</b>	<b>1.7/2.3</b>
Weight (kg)*	4.1	4.3	4.1	4.3	4.6	4.3	4.6
Power-to-weight ratio (kg/kW)	3.4	3.3	3.0	2.9	3.1	2.5	2.7
Sound pressure level** (dB(A))	100.0	99.0	100.0	100.0	100.0	100.0	100.0
Sound power level** (dB(A))	111.0	112.0	112.0	112.0	112.0	113.0	113.0
Vibration level left/right*** (m/s <sup>2</sup> )	5.2/5.5	4.0/4.5	6.6/7.8	3.5/3.0	3.5/3.0	3.5/3.5	3.5/3.5
STIHL Oilomatic saw chain Pitch Type	3/8" P PMM3 <sup>①</sup>	3/8" P PMM3 <sup>①</sup>	3/8" P PMM3 <sup>①</sup>	3/8" P PMM3 <sup>①</sup>	3/8" P PMM3 <sup>①</sup>	3/8" P PM3 <sup>②</sup>	3/8" P PM3 <sup>②</sup>
Rollmatic bars/ (bar length, cm)	Rollmatic Mini <b>30</b>	Rollmatic Mini <b>30</b>	Rollmatic Mini <b>30</b>	Rollmatic Mini <b>30</b>	Rollmatic Mini <b>30</b>	Rollmatic E <b>30</b>	Rollmatic E <b>30</b>
Volume fuel tank/ oil tank (cm <sup>3</sup> )	250/145	270/265	250/145	270/265	270/265	270/265	270/265
STIHL 2-MIX engine	●	●	●	●	●	●	●
Long-life air filter system	–	●	–	●	●	●	●
Anti-vibration system	●	●	●	●	●	●	●
Side-mounted chain tensioning	–	●	●	●	–	●	–
Quick Chain Tensioning (B)	–	–	–	–	●	–	●
STIHL ErgoStart (E)	–	–	–	–	●	–	●
Manual fuel pump	–	–	–	–	●	–	●

\* Excluding fuel, guide bar and saw chain

\*\* K factor according to Dir. 2006/42/EC = 2.5 dB(A)

\*\*\* K factor according to Dir. 2006/42/EC = 2 m/s<sup>2</sup>

● Standard

① PMM3: Picco Micro Mini 3

② PM3: Picco Micro 3

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