

19 Specifications

19.1 STIHL MSA 160 C, MSA 200 C Chainsaws

MSA 160 C

- Approved batteries:
 - STIHL AP
 - STIHL AR
- Weight without battery, guide bar and saw chain 2.7 kg
- Max. oil tank capacity: 210 cc (0.21 l)

MSA 200 C

- Approved batteries:
 - STIHL AP
 - STIHL AR
- Weight without battery, guide bar and saw chain 2.9 kg
- Max. oil tank capacity: 210 cc (0.21 l)

For battery life see www.stihl.com/battery-life.

19.2 Chain Sprockets and Chain Speeds

MSA 160 C

The following chain sprockets may be used:

- 6-tooth for 1/4" P
 - Maximum chain speed according to ISO 11681: 16.1 m/s

MSA 200 C

The following chain sprockets may be used:

- 7-tooth for 1/4" P
 - Maximum chain speed according to ISO 11681: 18.8 m/s

19.3 Minimum groove depth of guide bars

The minimum groove depth depends on the pitch of the guide bar.

- 1/4" P 4 mm

19.4 STIHL AP battery

- Battery Technology: Lithium-ion
- Voltage: 36 V
- Capacity in Ah: see rating label
- Energy content in Wh: see rating label
- Weight in kg: see rating label
- Permissible temperature range for operation and storage: -10°C to +50°C

19.5 Noise and Vibration Data

K-value for sound pressure level is 2 dB(A). K-value for sound power level is 2 dB(A). K-value for vibration level is 2 m/s².

STIHL recommends that you wear hearing protection.

MSA 160 C

- Sound pressure level L_{pA} measured according to EN 60745-2-13: 84 dB(A)
- Sound power level L_{WA} measured according to EN 60745-2-13: 95 dB(A)
- Vibration level a_{hv} measured according to EN 60745-2-13
 - Control handle: 2.9 m/s²
 - Front handle: 2.7 m/s²

MSA 200 C

- Sound pressure level L_{pA} measured according to EN 60745-2-13: 84 dB(A)
- Sound power level L_{WA} measured according to EN 60745-2-13: 95 dB(A)
- Vibration level a_{hv} measured according to EN 60745-2-13

- Control handle: 3.9 m/s²
- Front handle: 4.6 m/s²

The vibration values quoted above have been measured according to a standardized test procedure and may be used to compare electric power tools. Depending on the type of usage, the vibrations that actually occur may differ from the values quoted. The vibration values quoted may be used for an initial assessment of the user's exposure to vibrations. The actual exposure to vibrations has to be estimated. This process may also take into account times during which the electric power tool is switched off and times during which it is switched on but running off load.

Information on compliance with Vibration Directive 2002/44/EC is available at www.stihl.com/vib.

19.6 REACH

REACH is an EC regulation and stands for the Registration, Evaluation, Authorisation and Restriction of Chemical substances.

For information on compliance with the REACH regulation see www.stihl.com/reach.

20 Bar and Chain Combinations

20.1 STIHL MSA 160 C, MSA 200 C Chainsaws

| Pitch | Drive link gauge/groove width | Length | Guide bar | Nose sprocket teeth | Number of drive links | Saw chain |
|--------|-------------------------------|--------|-------------------|---------------------|-----------------------|--------------------|
| 1/4" P | 1.1 mm | 25 cm | Rollomatic E Mini | 8 | 56 | 71 PM3 (Type 3670) |
| | | 30 cm | | | 64 | |
| | | 35 cm | | | 72 | |

The cutting length of a guide bar depends on the chainsaw and the saw chain being used. Actual cutting length may be less than the specified length