

Milling motor FM 1000 PV-WS

ref.no.: 9M0301

EAN: 4032689217116



- ▶ Extremely quiet
- ▶ Tool-less quick-clamping device
- ▶ LED indication for overload
- ▶ External portal interface
- ▶ Made in Germany



Technical data

Nominal power input	1.3 hp
Universal motor	230 V / 50 Hz
Nominal No. of strokes – no load	4.000 – 25.000 1/min 1/min
Dimensions (L x W x H)	11 x 3 5/8 x 3 3/8 Inch
Chuck Ø	5/16 Inch
Noise level dB(A)	71
Portal mounting (drill holes)	6 x M6
Weight	6.2 lbs
Portal connection	
Power supply in PV operation	
Portal control	

Delivery specification

1 cable 0,75 + 4 m

Examples for usage



The speed can be infinitely adjusted to any application. In addition, the digital electronics are equipped with soft start, constant speed under load, idle speed reduction and overload protection.



Highest concentricity due to delicate adjustment of all components, such as the double-bearing spindle for absorbing axial forces and the innovative, tool-free quickclamping device.



Duo-In: The speed can be continuously adjusted to any application, either manually or via the portal interface. Additional LED status display.



The Rapidfix cable enables a quick and easy connection in to portal.

Applications

- ▶ odel/pattern and mold making, advertising
- ▶ Engraving, jewelry,electronics, stone masonry
- ▶ Portal milling machines, cutting tables
- ▶ Grinding rigs, flexible shafts
- ▶ Compatible materials include: wood, metal, plastics foam, polystyrene, stone

Advantages

- ▶ The MAFELL milling motors are manufactured under the strictest quality controls in the German town of Oberndorf a. N. Before delivery, each milling motor is “run in” in a test cabin. This increases the tool life and the service life.
- ▶ Highest concentricity due to delicate adjustment of all components, such as the double-bearing spindle for absorbing axial forces and the innovative, tool-free quickclamping device.
- ▶ The “patent-pending” tool-less quick-clamping device enables convenient and fast insertion of different milling cutters.
- ▶ Duo-In: The speed can be continuously adjusted to any application, either manually or via the portal interface. Additional LED status display.
- ▶ The Rapidfix cable enables a quick and easy connection in to portal.
- ▶ The sound pressure level of the FM 1000 PV-WS is only 71 db (A) and the device is thus.

Description

With the FM 1000 PV-WS, MAFELL has developed another milling motor “Made in Germany”. The high quality standard and well thought-out details make the MAFELL milling motor the best partner in its performance class.

The speed can be infinitely adjusted to any application. In addition, the digital electronics are equipped with soft start, constant speed under load, idle speed reduction and overload protection.

Accessories / Tools



Adapter sleeve
(ground) 1/8 inch.



Adapter sleeve
(ground) 1/8" (1/8 inch)



Adapter sleeve
(ground) 4 mm



Adapter sleeve
(ground) 6 mm



Collet chuck adapter
incl. union nut OZ, $n[\max] = 16.000$ rpm



Adaptateur de pince de serrage ER 16
incl. union nut ER 16, $n[\max] = 16.000$ rpm



PV control cable
M8 / 4-pol, 5 m

contact

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