Milling motor FM 1000 - GB



ref.no.: 9M0021

EAN: 4032689203546

- Extremely quiet
- Spindle lock
- Made in Germany
- LED indication for overload

Technical data

Dimensions (L x W x H)	10 x 3 1/8 x 2 7/8 Inch
Noise level dB(A)	71
Universal motor	230 V / 50 Hz
Clamping collar / chuck	1 11/16 / 5/16 Inch
Nominal power input	1.34 hp
Nominal No. of strokes – no load	4.000 – 25.000 1/min
Weight	3.6 lbs

Delivery specification

1 Open-ended spanner
1 collet chuck Oz 8 mm (0,31 in.)
1 Collet nut
1 Mains cable 4 m (13.1 ft)

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Examples for usage



Highest concentricity due to the filigree coordination of all components and the fact that armature and spindle are manufactured and balanced from one piece.



Labyrinth seal: Protects the spindle and bearing against minute particles, dust and chips.



For simpler and more convenient tool changes, the spindle can be locked at the push of a button.



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.

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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 sound pressure level of the FM 1000 is only 71 db (A) and the device is thus.

Description

With the FM 1000, 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.

The labyrinth seal of FM 1000 permanently protects the spindle and bearing from even the smallest particles, dust and chips.

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Accessories / Tools



Collet OZ
Ø 3 mm



Collet OZ
Ø 6 mm



Collet OZ
Ø 6,35 mm (1/4")



Set of collets OZ 3,175 mm (1/8 ")
contains collet and collet nut



Collet OZ
Ø 8 mm



Collet OZ
Ø 4 mm



Collet OZ
Ø 3,175 mm (1/8")



Set of collets OZ 3 mm
contains collet and collet nut



Union nut OZ

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