

# Milling motor FM 1000

**NEW**

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creating excellence



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



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



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.

## Product features

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

## Areas of application

- Model making, mould making, advertising technology, engraving, jewellery, electronics, stonemasonry
- Ideally suited for portal milling machines, cutting tables, grinding devices and flexible shafts
- For wood, metal, plastics, foam, polystyrene, stone

## Product 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.

Your MAFELL dealer - our sales partner:

## Technical data

Nominal power consumption	1.000 W
Universal motor	230 V / 50 Hz
Nominal idling speed	4.000 – 25.000 rpm
Clamping collar / collet chuck	43 mm (1,69 in.) / 8 mm (0,31 in.)
Dimensions (L x W x H)	254 x 79 x 73 mm (10 x 3,11 x 2,87 in.)
Sound pressure level db (A)	71 dB (A)
Weight	1,65 kg (3,64 lbs)

## FM 1000

## Models

<b>Milling motor FM 1000</b>	<b>9M0001</b>
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## Scope of supply

- 1 collet chuck OZ 8 mm (0,31 in.)
- 1 spanner
- 1 cable 4 m

## Special accessories / tools

<b>Union nut OZ</b>	093729
<b>Collet chuck OZ 3 mm</b>	093731
<b>Collet chuck OZ 4 mm</b>	093732
<b>Collet chuck OZ 6 mm</b>	093733
<b>Collet chuck OZ 8 mm</b>	093734
<b>Collet chuck OZ 3,175 mm (1/8")</b>	093735
<b>Collet chuck OZ 6,35 mm (1/4")</b>	093736
<b>Collet chucks-set OZ 3 mm*</b>	093737
<b>Collet chucks-set OZ 3,175 mm (1/8")*</b>	093738

\* (consisting of collet chuck and union nut)