

Milling motor FM 1000

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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.

Technical data

FM 1000

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)	74 dB (A)
Weight	1,65 kg (3,64 lbs)

Models

Milling motor FM 1000	9M0001
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Scope of supply

1 collet chuck OZ8 8 mm (0,31 in.)
1 spanner
1 cable 4 m

Special accessories / tools

Union nut OZ	093818
Collet chuck OZ8 3 mm	093819
Collet chuck OZ8 3 mm	093812
Collet chuck OZ8 4 mm	093813
Collet chuck OZ8 5 mm	093820
Collet chuck OZ8 6 mm	093814
Collet chuck OZ8 8 mm	093815
Collet chuck OZ8 10mm	093822
Collet chuck OZ8 3,175 mm (1/8")	093810
Collet chuck OZ8 6,35 mm (1/4")	093811
Collet chucks-set OZ8 3 mm*	093816
Collet chucks-set OZ8 3,175 mm (1/8")	093817

* (consisting of collet chuck and union nut)