

# Milling motor FM 800



## 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 800, 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 800 permanently protects the spindle and bearing from even the smallest particles, dust and chips.

## Technical data

## FM 800

|                                |                                         |
|--------------------------------|-----------------------------------------|
| Nominal power consumption      | 800 W                                   |
| Universal motor                | 230 V / 50 Hz                           |
| Nominal idling speed           | 7.000 – 25.000 rpm                      |
| Clamping collar / collet chuck | 43 mm (1,69 in.) / 6 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 800 | 9M0010 |
|----------------------|--------|

## Scope of supply

1 collet chuck OZ8, 6 mm (0,31 in.)  
1 spanner  
1 cable 1 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)