

## Promotech BM-16 Bevelling Machine



The Promotech BM-16 bevelling machine is designed to mill edges of plates and pipes made of steel, aluminium alloys, brass, or plastics. Depending on the milling head used the machine allows bevelling work pieces with a thickness of at least 1.5 mm at the angle of 20°, 22.5°, 27.5°, 30°, 37.5°, 40°, 45°, 50°, 55°, 60°, or 65° to the maximum bevel width of 16 mm. A radius milling head allows bevelling with a radius of 2, 3, 4, or 5 mm. The minimum diameter of a hole to be machined is 40 mm.

Features

- Bevelling machine (without milling head)
- Metal box
- 5 mm hex wrench
- 14 mm hex wrench
- 32 mm flat wrench
- Operator’s Manual

Technical Specification

|                                          |                                                  |
|------------------------------------------|--------------------------------------------------|
| MODEL                                    | BM-16                                            |
| Voltage                                  | 1~220-240V, 50-60 Hz<br>~110-120V, 50-60 Hz      |
| Power kW                                 | 22                                               |
| Rotational speed (without load) rpm      | 1800 - 5850                                      |
| Protection level IP                      | 20                                               |
| Protection class                         | 1                                                |
| Max bevel width mm                       | 16                                               |
| Bevel Angle ° (depends on milling head)  | 20, 22.5, 27.5, 30, 37.5, 40, 45, 50, 55, 60, 65 |
| Min workpiece thickness for bevelling mm | 1.5                                              |
| Min hole diameter mm                     | 40                                               |
| Edge radius mm                           | 2, 3, 4, 5                                       |
| Vibration level m/s <sup>2</sup>         | 2.3                                              |
| Required ambient temperature °C          | 0-40                                             |
| Weight (without milling head) kg         | 10                                               |

Options

- Milling head 20°
- Milling head 22.5°
- Milling head 27.5°
- Milling head 30°
- Milling head 37.5°
- Milling head 40°
- Milling head 45°
- Milling head 50°
- Milling head 55°
- Milling head 60°
- Milling head 65°
- Bevelling insert for steel (5 required)
- Bevelling insert for aluminium (5 required)
- Fixing screw for bevelling insert
- Radius milling head
- Radius insert R2 (4 required)
- Radius insert R3 (4 required)
- Radius insert R4 (4 required)
- Radius insert R5 (4 required)
- Fixing screw for radius insert
- Sticker against scratches, dedicated for aluminum bevelling. If the sticker is removed, clean excess glue from the guide using petroleum ether.