

# BM25

## PLATE BEVELLING MACHINE

The BM25 is an easy to use, portable heavy-duty machine designed for beveling steel plates prior to welding. The beveller is equipped with powerful motor and fitted with face milling beveling head, allowing smooth operation and exceptional efficiency.

BM25 enables milling straight edges up to 25mm bevel width, whereas variable spindle speed facilitates optimizing cutting conditions. Continuously adjustable milling depth and bevel angle between 0° and 90° require no tooling to change. BM25 has got a state-of-the-art electronic motor overload module protecting the operator, the machine and the tooling.

The beveller is equipped with guide rollers, which make it easy and light to operate.

- Comfort and ergonomics of work
- Continuously adjustable bevel angle between 0 and 90 degrees
- Single head operates with face milling method
- Maximum 25mm bevel width (more than one pass could be required)
- Continuous bevel width adjustment
- Powerful electric motor
- Milling head is equipped with 5 pcs of 2-sided indexable cutting inserts
- Electronic speed control between 1800-5850 rpm
- Overload protection

Part No.	<b>WA-BM25</b>
Voltage	1~ 220 - 240 V, 50 - 60 Hz
Power	2200W
Spindle Speed (Without Load)	1800 - 5850rpm
Maximum Bevel Width (b, Fig. 1)	25mm (1")
Maximum Depth Of Cut (d, Fig. 1)	12.5mm (1/2")
Bevel Angle (B, Fig. 1)	0° - 90°, 15° - 75° (Recommended)
Minimum Workpiece Thickness	2mm
Weight	12.5kg

### Comfort And Ergonomics Of Work:

- Each user can individually adjust the position of the grip and handle
- Grip can be rotated through 360 degrees
- Adjustable grip and handle enable comfort of work for both right and left-handers and operators of different heights
- The handle can be tilted to the desired angle
- Guide set with rollers can be rotated through 360 degrees
- 2 possible positions of rollers (wide and narrow)

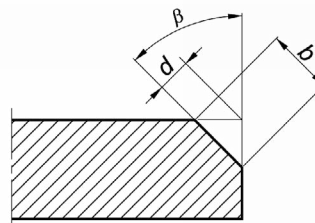
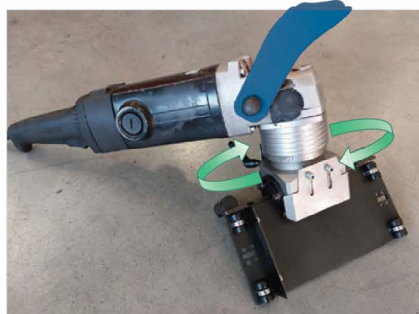
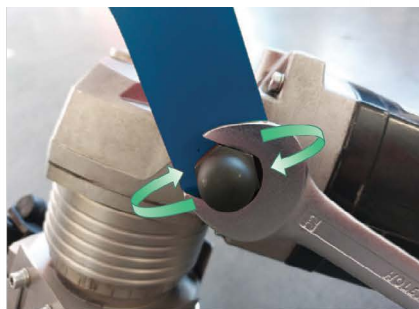
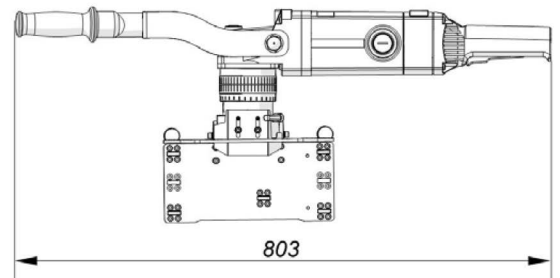
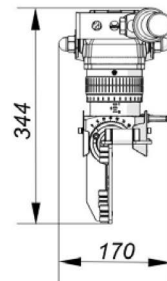
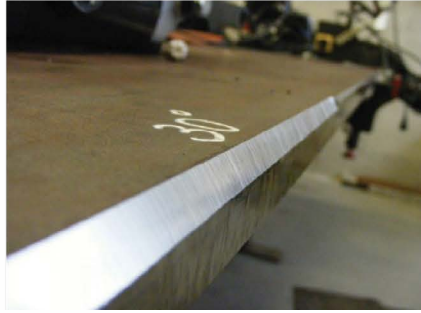
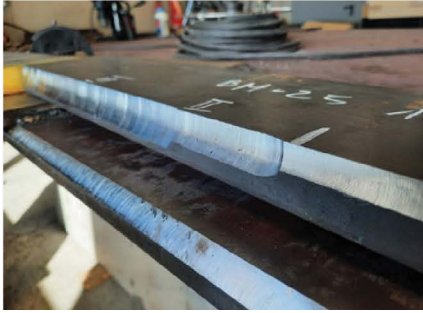
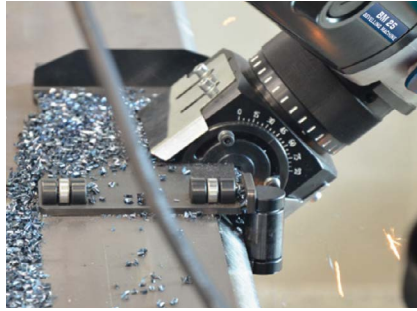


Fig. 1



**Continuously Adjustable Bevel Angle Between 0° And 90°:**

- One milling head for full range of angles
- No need for separate milling heads for specific angles
- Recommended bevel angle from 15 to 75 degrees



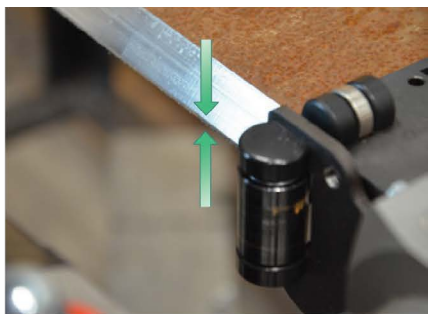
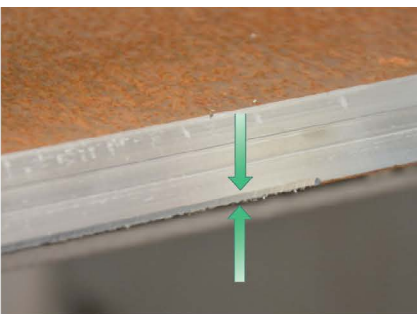
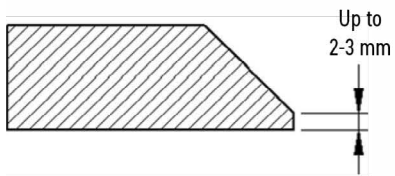
**Bevel Width Up To 25mm At 45°:**

- Various bevel widths are possible by means of the WA-BM25
- The final results depend on combination of bevel angle and bevel depth



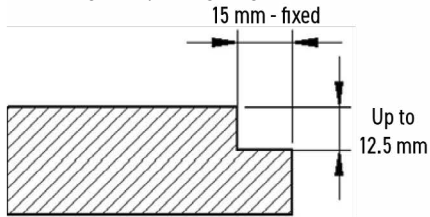
**Work At 0°:**

- Facing process to produce a flat surface such as lands / root faces



**Work At 90°:**

- Cladding and other wear resistant coatings removal
- Lowering of the plate edge height



**Accessories & Consumables:**



Milling head equipped with 5 cutting inserts ready for work

Part No.	Span x Depth
<b>WAP-B025/1020</b>	Milling head
<b>WAP-B025/1010</b>	Cutting insert (sold 10 pcs/box)