

PROMOTECH[®]

Promotech BM Bevelling Machines

The Promotech innovative range of bevelling machines include the ability to bevel straight and curved material, holes and varying bevel forms. The portable BM16 model is extremely versatile, lightweight, capable of bevelling plates, holes and pipe all with a full range of bevel forms including varying angles, radius bevel, arched edge bevelling and countersinking. The portable BM21 and is primarily designed for high capacity straight bevelling with guide rollers to ensure a consistent bevel form. Antivibration technology includes four dampers to reduce operator fatigue and protect the electrical components. The BM21S model has a low speed motor especially designed for bevelling stainless steel.



BM-18



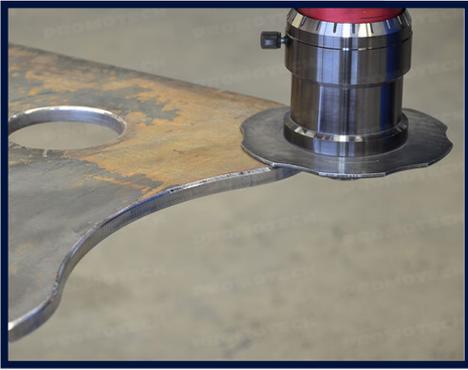
BM-21



BM-21S



ABM-28



Machine Features

MB-18

- Increases durability more convenient assembly and disassembly of the milling head guiding roller is integrated with each milling head the clearance between milling head and guiding roller is precisely factory calibrated, thus requires no adjustment by the operator
- Powerful electric motor
- Maximum 18 mm bevel width (more than one pass could be required)
- Continuous bevel width adjustment
- New more durable milling heads with hexagonal fixing for easy replacement
- Electronic speed control between 1800–5850 rpm for use on a variety of materials
- Overload protection
- Beveling milling head is equipped with 5 pcs of 2-sided indexable cutting inserts
- Milling head for rounding is equipped with 4 pcs of 4-sided indexable inserts up to R5

MB21 / BM21S

- New single milling head equipped with 10 square inserts, that makes machining process far more efficient with little operator's effort
- Fast and easy exchange of inserts with no need for special adjustment
- Extended working range from 0 to 60 degrees with continuous angle adjustment
- Easy setting of bevel angle and bevel width
- Vibration insulation protects both the operator and electronics against vibration
- One universal guide plate for beveling both plates and pipes range from 0 to 60 degrees with continuous angle adjustment

ABM28

- Required length of the guide track (rail) can be accomplished with additional sections of guide tracks.
- Auto-feed portable beveling.
- Continuously adjustable bevel angle between 60 and minus 60 degrees, eliminating the need to turn a plate over
- Max. bevel width (depending on the beveled angle) from 28 up to 35 mm
- Variable feed control for work on a variety of steel grades and thicknesses (up to 35 mm as standard or optionally up to 70 mm)
- Beveling in both travel directions
- Motor overload protection
- J groove beveling available as option
- Quick setup
- Extendable rails

TECHNICAL SPECIFICATIONS

MODEL		BM-18	BM-21	BM-21S	ABM-28
Power	kw	2.2	1.8	1.6	1.6
Spindle speed	rpm	1800-5850	2780-3340	1300-1560	2780
Bevel angle	°	60	60	60	60
Max bevel width	mm	18	21	21	35
Weight	kg	12	23	23	53.5