

The Promotech innovative range of beveling 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 beveling plates, holes and pipe all with a full range of bevel forms including varying angles, radius bevel, arched edge beveling and countersinking. The portable BM21 is primarily designed for high capacity straight beveling 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 beveling stainless steel.

Machine Features

BM16

- Includes 45 degree milling head with five cutters, each with four cutting edges
- Light weight
- Overload protection
- Variable speed

BM21

- Fast milling of straight material and pipe from 150 to 300mm diameter
- Milling head with ten cutters, each with four cutting edges
- Variable angle beveling from 0 - 60 degrees

BM21S - IN ADDITION TO BM21 FEATURES

- Low speed motor for stainless steel

Optional Equipment

BM16

- Milling head for round bevel with radius of 3mm, 4mm or 5mm. Four cutters required.
- Countersink cutters
- Milling heads with bevel angles of 22.5°, 30°, 37.5°, 55° or 60°

BM21 & BM21S

- Pipe attachment 260mm - 600mm



BM21

BM21S



WATCH THE
BM21 IN
ACTION



BM16



WATCH THE BM16
IN ACTION



BM21 & BM21S - BEVEL ANGLES 0 - 60°



BM16 - STRAIGHT & CURVED BEVELLING

The Promotech ABM28 model is an automatic feeding machine, with the ability to bevel the top side, under side and to face the edges of plate material. The bevel angle is infinitely variable between plus or minus 60 degrees with the machine also capable of producing the J-groove bevel form. The ABM28 includes a unique 2.4M quick clamp rail system eliminating wander and ensuring secure, straight and true feeding of the machine resulting in a perfect bevel. Optional additional guide rails are available for the beveling of large plates.

Machine Features

- Variable speed
- Ability to bevel top, under side and facing of plates
- Variable angle beveling from -60° to +60° degrees
- Can operate in either direction
- Milling head with seven cutters, each with four cutting edges
- Motor overload protection
- Swarf collection box



ABM28



WATCH THE
MACHINE IN
ACTION




OPTIONAL J-GROOVE BEVELLING



UNDER SIDE BEVELLING

TECHNICAL SPECIFICATIONS

MODEL STOCK CODE		BM16 17350	BM21 17352	BM21S 17354	ABM28 17356
Max bevel width at 45 degrees	mm	16	21	21	28
Bevel angle	degrees	45	0 - 60	0 - 60	-60 - 60
Plate thickness	mm	1.5 +	5+	5+	10 - 35
Spindle speed	rpm	1800-5850	2820	1410	2780
Feed speed	mm/min	-	-	-	250 - 500
Motor	kw	2.2	1.1	1.6	1.6
Weight	kg	12	20	20	48