

■ ABM-30 | AUTO FEED TRACKLESS BEVELLER

The ABM-30 portable beveling machine performs auto feed beveling on steel plates on top, face and bottom edges. The beveller needs no track to move along steel plate to produce accurate high-quality double-side bevels without thermal distortion or creation of heat affected zone on plate thickness range 8-60 mm.

The ABM-30 features an infinitely adjustable bevel angle between -70° and $+70^\circ$ degrees and is capable of producing bevels up to 30 mm wide.

It also allows for facing in both directions with the milling head depth of 1 mm.

Features and benefits:

- needs no track to travel in both directions with feed speed up to 2 m/min
- 4 wheels feed drive eliminates hard physical work of the operator
- produces double-side bevels without having to flip the plate enhancing safety and reducing material handling time and expense
- edge to edge working range
- semi-automatic feed stop at end of the metal sheet
- variable spindle speed
- bevel width up to 30 mm (1-3/16")
- variable angle (-70° to $+70^\circ$)
- max. plate thickness up to 60 mm
- innovative, robust chip protection solution



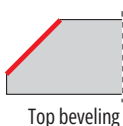
Top beveling



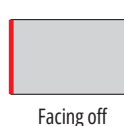
Bottom beveling



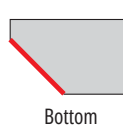
Facing-off



Top beveling



Facing off



Bottom beveling

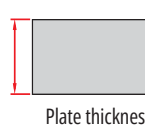
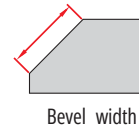
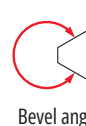


Plate thickness
max 60 mm

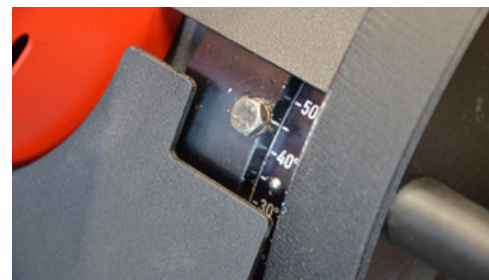


Bevel width
up to 30
mm



Bevel angle
between -70° and 70°

ABM-30 TECHNICAL SPECIFICATION	
Voltage	1~ 200-240 V, 50/60 Hz 1~ 110-120 V, 50/60 Hz
Power	2200 W
Spindle rotational speed (without load)	1800-5850 rpm
Feed speed	0-2 m/min (0-6.5 ft/min)
Bevel angle (β , Fig. 1)	
Maximum bevel width (b, Fig. 1)	From -70° to 70°
Sheet thickness	30 mm (1.18")
Required ambient temperature	8-60 mm (0.3-2.3")
Weight	5-40°C 43 kg (94.8 lbs)

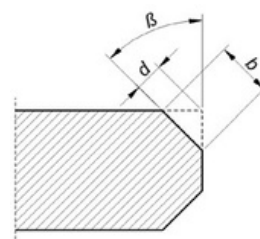
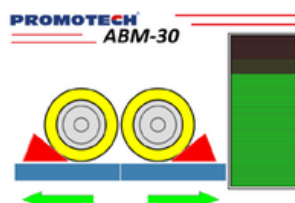


Precise bevel angle setting

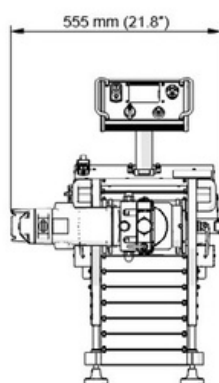
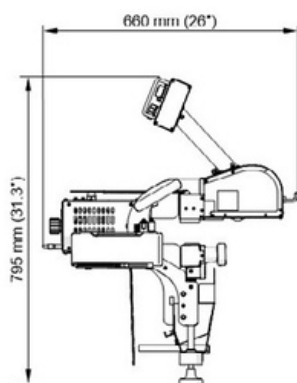


Convenient adjustment to plate thickness

- Control panel
 - Feed direction indication
 - Material detection
 - Bar graph for motor load illustration
 - Visual warning signals



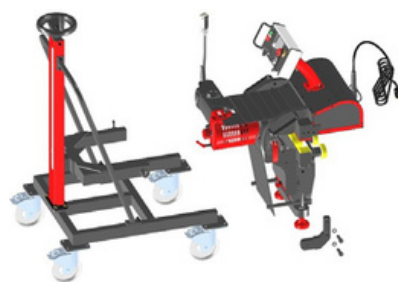
Dimensions:



β	0°	15°	37.5°	45°	60°	70°
b	30 mm (1.18")	30 mm (1.18")	30.5 mm (1.2")	30 mm (1.18")	30 mm (1.18")	31 mm (1.22")

Additional accessory:

Transportation and storage trolley:



- Shipping set:
 - Beveling machine (with a milling head and 5 cutting inserts)
 - Tool box
 - Drift
 - 10 mm hex wrench
 - 3 mm hex wrench
 - 8 mm combination wrench
 - Grease for screws Molykote 1000 (5 g, 0.17 oz)
 - Operator's Manual

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