

# AUTO FEED BEVELING MACHINE FROM STEEMAX®

## ABM-30 Auto-Feed Double Side Beveler

### PRODUCE HIGH-QUALITY MACHINED BEVELS EFFICIENTLY WITH PORTABLE AUTO-FEED BEVELING MACHINE MACHINE

The Steelmax ABM30 produces accurate high-quality machined bevels on plate thickness from 5/16" to 2-3/8" (8-60mm) using a rotary milling head with replaceable carbide inserts. The machine features an adjustable bevel angle from 0 to 70 degrees for both topside and bottom side beveling and can produce a maximum bevel width in multiple passes up to 1-3/16" (30mm).

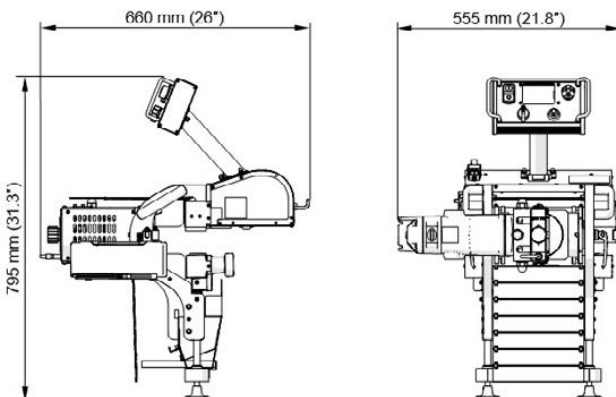
Root face dimensions remain accurate and repeatable from plate to plate, promoting better fit-up and consistent weld geometry. The milled finish is produced without thermal distortion and is ready to weld without additional grinding to remove, slag or heat affected zone (HAZ).

#### FEATURES

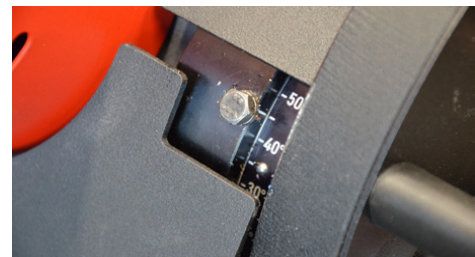
- Self-feeding for consistent bevel geometry from end-to-end
- Real-time on-screen display of motor load
- Variable travel speed
- 180° inversion allows for quick and easy creation of double-sided bevels eliminating the need to flip the material – improving operational safety and increasing productivity
- Rotary milling head with carbide inserts produces an accurate, high-quality finish without thermal distortion that is weld ready
- Built-in overload protection
- Portable Machine that can easily be moved throughout the shop



#### Dimensions



Precise bevel angle setting

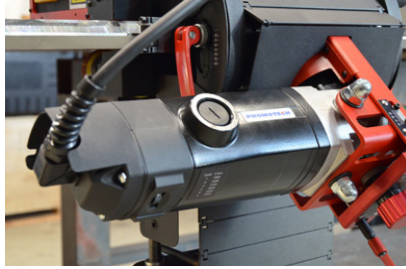


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# AUTO FEED PLATE BEVELER FROM STEELMAX®



**Top Beveling**

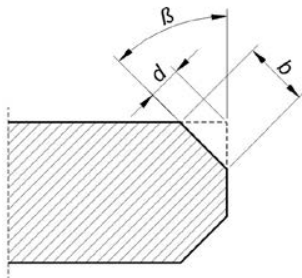


**Bottom Beveling**



**Facing**

Fig. 1



### Standard Set Includes:

- Beveling machine (with a milling head) and 5 cutting inserts
- Tool kit

### Control Panel Features:

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

ABM 30 Technical Specifications	
Voltage	1 ~ 110-120 V, 50/60 Hz 1 ~ 200-240 V, 50/60 Hz
Power	2200 W
Spindle Speed (no load)	1800-5850 RPM
Feed Speed	72"/min
Bevel Angle ( $\beta$ , Fig. 1)	From $-70^\circ$ to $70^\circ$ *
Maximum bevel width	1-3/16" (30 mm)
Required Ambient Temperature	41°F -104°F (5-40°C)
Plate Thickness Range	5/16"-2-3/8" (8 -60 mm)
Weight	116.8 Lbs (53 Kg)
<b>Part Number</b>	<b>SM-ABM-30</b>



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