

STATIONARY BEVELING MACHINE FROM STEELMAX®

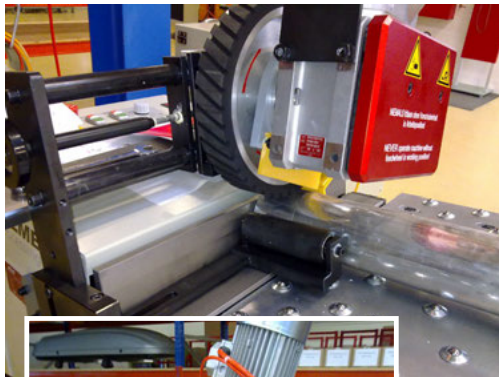
SBM20 STATIONARY BEVELING MACHINE

REDUCE FIT-UP TIME AND IMPROVE WELDING EFFICIENCIES WITH ACCURATE HIGH-QUALITY BEVELS

The Steelmax **SBM20** is a robust and efficient solution for beveling and deburring steel plate, angle, square/rectangular tubing and pipe. With its high-speed rotary milling head and variable auto feed, the **SBM20** produces accurate milled weld preparations, improves welding efficiencies and reduces costs. Machined bevel angles are accurate and consistent, making plate and root gap fit-up extremely precise and easy. Accurate weld preparation reduces the costs of over welding, defect repair and production time.

FEATURES

- Variable auto feed permits use on ferrous and non-ferrous materials
- Adjustable bevel angles from 30 to 60 degrees
- High-speed rotary milling head with carbide inserts produces clean milled surface free of thermal distortion and HAZ
- Powerful 3,000 Watt electric motor for continuous operation
- Versatile table top operation permits hand feeding of small plates, square/rectangular tubing, pipe, angle iron and round stock
- Optional table extensions accommodate longer lengths of material
- Produces bevel widths to 1-3/16" (30 mm) at 30 degree angle
- Plate thickness up to 4" (100 mm)



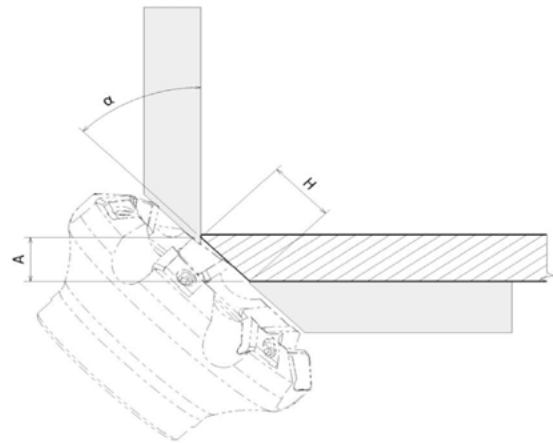
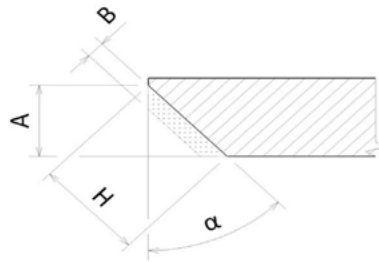
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SBM20 Technical Specifications	
Part number	SM-SBM20
Bevel Angle	30 to 60 degree
Max Bevel Width	1-3/16"(30 mm) at 30° angle 1 1/16"(18 mm) at 45° angle 5/8"(15 mm) at 60° angle
Max Plate Length (Standard)	60" (1500 mm)
Max Plate Length (Optional Extension Table)	120" (3000 mm)
Plate Width	1-9/16" to 24" (40-600 mm)
Plate Thickness	1/8" to 4" (3-100 mm)
Round Stock	1-3/16" to 6-5/16" (30-160 mm)
Adjustable working angle	15 - 60° variable
Square/Rectangular Tubing	4" x 4" (100 x100 mm)
Minimum Angle Profile	2" x 2" (50 mm x 50 mm)
Recommended Max Bevel Width Cut Per Pass	<ul style="list-style-type: none"> • Carbon Steel/Aluminum 1/4" (6 mm) • Stainless Steel 5/32" (4 mm)
Recommended Max Feed Speed	<ul style="list-style-type: none"> • Carbon Steel 30 in/min. (.8 meters/min.) • Aluminum 60 in/min. (1.5 meters/min.) • Stainless Steel 15 in/min. (.4 meters/min.)
Power	480V, 3 Phases, 50-60 Hz

a	H max	A max
30°	1-3/16" (30 mm)	1.0" (25 mm)
35°	1.0" (26 mm)	13/16" (21 mm)
40°	3/4" (23 mm)	1 1/16" (17.5 mm)
45°	13/16" (21 mm)	9/16" (14.5 mm)
50°	3/4" (19 mm)	1/2" (12 mm)
55°	1 1/16" (17.5 mm)	3/8" (10 mm)
60°	5/8" (16 mm)	5/16" (8 mm)

	B max	rpm	s in/min (m/min)
Steel	1/4" (6 mm)	960	31-1/2" (0.8 m)
Stainless	3/16" (4 mm)	550	15-3/4" (0.4 m)
Aluminum	1/4" (6 mm)	1200	59" (1.5 m)



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For ordering and customer service, or to request detailed product information or demonstration videos, contact:

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