



Reduce the cost of weld preparation with the Bug-O Portable Plate Beveling Machine Model PBM-2000.

Produce clean machined bevels on plate or pipe.



The Bug-O Portable Plate Beveling Machine, PBM-2000, is a machining tool that allows anyone to produce perfect bevels everytime. The machine is easily adjusted to cut any bevel angle between 30° to 60° and has a maximum cutting depth of 3/4" (20 mm). The PBM-2000 uses a powerful 1-1/2 horsepower motor with a dual milling head that has 12 indexable cermet inserts which increase metal removal. With its specially designed handle, low noise, low vibration and a weight of 42 pounds the PBM-2000 is extremely ergonomic. Optional pipe beveling attachment available for 6-1/4" (159 mm) diameter or larger.



BUG-O SYSTEMS

A DIVISION OF WELD TOOLING CORPORATION



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PORTABLE PLATE BEVELING MACHINE

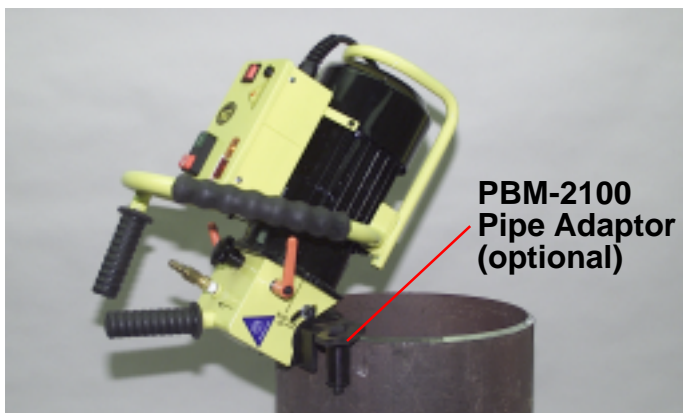
Features & Benefits

- Chamfering capacity up to 3/4" (20 mm).
- Adjustable bevels from 30° to 60°.
- Uses 4 sided indexable cermetalic cutting blade for optimal economy.
- Dual milling head for increased efficiency.
- No damage from heat hardening or oxidation as with oxy-fuel.
- Automatic overload protection.
- Easy to set-up and use.
- Optional pipe & tube attachment for 6-1/4" (159 mm) diameter or larger.

Specifications

Power Supply: 120 volts
 Nominal Amperage: 14 amps
 Maximum Amperage: 18 amps
 Start Up Current: 11 amps
 Horsepower: 1-1/2 horsepower
 Cutting Speed: 1800 SFPM
 Angle Range: 30° to 60°
 Bevel Width: 3/4" (20 mm) max
 Weight: 42 lbs. (19.05 kg)

	BM20 (30-60) standard
A (In.)	16.5 (420 mm)
B (In.)	13 (330 mm)
R (In.)	12 (305 mm)
S (In.)	3/4 (20 mm)
D_{min}	6-5/16 (160 mm)
β (°)	30°-60°
γ (°)	30°-60°



Options:

Facing $\delta=00$	YES
Pipe Beveling	YES
Edge Rounding	YES (R=3mm)

