

Welding and Cutting Solutions Since 1948.



## Reduce the cost of weld preparation with the Bug-O Portable Plate Beveling Machine.

Produce clean machined bevels on plate or pipe.



The **Bug-O Portable Plate Beveling Machine** is a machining tool that allows anyone to produce perfect bevels everytime. The machine is easily adjusted to cut any bevel angle between 15° to 60° and has a maximum bevel width/face of 3/4" (20 mm). The beveler 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 this tool 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 15° to 60°.
- Uses 4 sided indexable cermet cutting blade for optimal economy.
- Each cutting insert averages 400' to 600' (122-183 m) per side.

- 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

PBM-2000:	120 volts (15-60)
PBM-2002:	240 volts (15-60)
Nominal Amperage:	14 amps
Maximum Amperage:	18 amps
Start Up Current:	11 amps
Horsepower:	1-1/2 horsepower
Cutting Speed:	1800 SFPM
Angle Range:	15° to 60°
Bevel Width:	3/4" (20 mm) max
Weight:	42 lbs. (19.05 kg)

**PBM-2000 120V (15-60)  
PBM-2002 240 V (15-60)**

<b>A (In.)</b>	16.5 (420 mm)
<b>B (In.)</b>	13 (330 mm)
<b>R (In.)</b>	12 (305 mm)
<b>S (In.)</b>	3/4 (20 mm)
<b>D<sub>min</sub></b>	6-5/16 (160 mm)
<b>β (°)</b>	15°-60°
<b>γ (°)</b>	15°-60°



### Options:

<b>Facing δ=00</b>	YES
<b>Pipe Beveling</b>	YES

**PBM-2051 Cutting Insert (12 required)**

