



PLATE BEVELER

PBV-FAB SERIES





PBV-FAB .375

Plate Beveler



The PBV-FAB .375 is a machine that bevels welding pieces and is widely used in educational institutions.

FEATURES:

- It performs better, is safer and is 10 times faster than a milling machine
- When using this machine, there is no static electricity (no sparks), which results in the tool being 10 times more durable than other machines
- Unlike others, this machine does not use cutting oil
- There is no need of equipment preparation time for beveling and anyone can use the equipment after simple training
- Very low cost per bevel
- No secondary operation required

PBV-FAB .375	DETAILS
Operation	Semi-automatic type
Total HP	2.75 HP
Feed Motor	.75 HP
Processable Measurements Minimum	Minimum part height 1.18", Minimum part length 4"
Processable Measurements Maximum	Maximum thickness .375", Maximum length unlimited
Processable Workpieces	Any material that can be milled
Processing System	Rotary (tool) cutting method
Bevel	Angle is fixed at 32 degrees (Option: for other angles)
Weight	838 lbs
Dimensions	32" (L) x 22" (W) x 28" (H)
Voltage	208V - 230V or 460 Volt 3 Phase

Due to ongoing product development, machine specifications can change at any time.

PBV-FAB 1.375

Plate Beveler



Beveled Pieces:



Control



PBV-FAB 1.375	DETAILS
Plate Size	1.18" (Min. height) x 4" (Min. length) - Max length is unlimited, depending on customer support system
Plate Thickness	0.12"-1.375"
Beveling Type	Turning Cutter Type
Beveling Speed	Up to 48" per minute
Beveling Angle	15~55 Degrees
Main Motor	5 HP
Feed Motor	.75 HP
Processable Work Pieces	Any material that can be milled
Feed Speed	Infinitely variable
Milling Head RPM	Infinitely variable
Machine Dimensions	40" x 36" x 30" (L x W x H)
Weight	3220 lbs
Voltage	208V - 230V or 460 Volt 3 Phase

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Pull Out Chip Tray



Easy Set Bevel Angle



PBV-FAB 1.57

Plate Beveler



The PBV-FAB 1.57 is a machine that bevels welding pieces. There is no grinding process, only milling, which results in:

- Decreases the amount of dust, keeping the work area cleaner
- Less noise
- Work time is much quicker (One machine does the same amount of work that 30 grinder workers can do.
- Total hour of work time could be shortened by 200%
- Reduces the cost of labor
- Reduces the rate of accident occurrence

PBV-FAB 1.57	DETAILS
Power Consumption	8.4 HP
Operation	Operated by motors
Motor	Semi Automatic
Angle of Preparation	15~45 degrees (power degree control)
Maximum Length of Part	Infinite
Minimum Length of Part	10"
Maximum Thickness	1.58"
Minimum Thickness	0.12"
Machine Dimensions	62" x 64" x 54"
Weight	3,638 lbs
Voltage	208V - 230V or 460 Volt 3 Phase

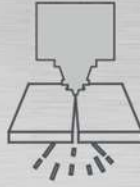
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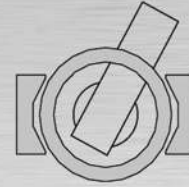
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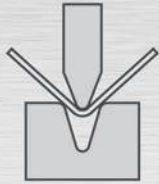
Hydraulic Presses



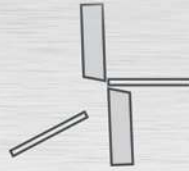
Fiber Lasers



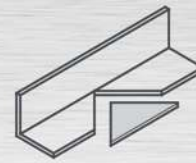
PSM Pipe Lathe



Press Brakes



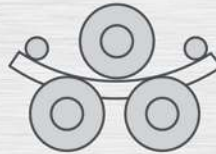
Shears



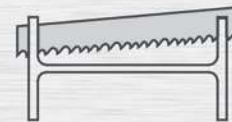
Ironworkers



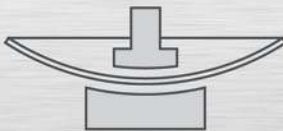
Plate Rolls



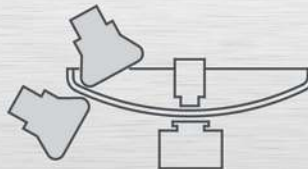
Angle Rolls



Bandsaws



Dishing Presses



Flanging Machines



Drilling Machines

"If you need a machine and don't buy it, you'll find that you have paid for it anyway, but don't have it."

Henry Ford

Revolution Machine Tools
385 N 700 W
North Salt Lake, UT 84054

www.RMTUS.com
info@rmtus.com

Phone: 844.RMT.INFO
844.768.4636

KYSON

844-768-4636 / www.RMTUS.com