



PLATE BEVELER

PBV-FAB SERIES





Some of the Revolution Machine Tools Team

ABOUT REVOLUTION MACHINE TOOLS

Revolution Machine Tools (RMT), founded by long time industry leader Kyle Jorgenson, is a metal fabrication machine tools company. RMT's design team has created the most innovative and precise tools in the North American market today. We are partners with leading manufacturers who build our designs to our stringent specifications in state of the art manufacturing facilities.

Kyle Jorgenson started in the Machine Tool industry working with his father, Roger Jorgenson, who founded Jorgenson Machine Tools in 1974. Roger taught Kyle how important relationships and customer service are, and Kyle has built his reputation on those principles. Revolution Machine Tools is supported by an ever expanding team of industry professionals, which include design, marketing, service and support, who have these same values and respect Kyle's vision. Together, they are creating a revolution in the Machine Tool industry.

RMT's main focus is in large cutting, forming, and rolling machines for the metal fabrication industry. RMT's research and development team has created the most innovative, fast, durable and accurate machines in the industry. Our machines are all backed by a strong warranty and an outstanding service team dedicated to keeping your machines operational. We understand the time value of money and how expensive downtime can be.





PRE-SALE CONSULTATION

RMT's commitment to service begins with our site assessment consultation, before we even discuss purchasing equipment. We start by making an assessment of your production area to determine whether the equipment will work well in your manufacturing environment. We look at where the equipment will be placed on the production floor, how it will be brought into the facility, and even ways to make the disposal of scrap and waste easier to remove. We will also recommend the proper installation of our equipment, or we can even come install it for you. More importantly, we can verify adequate electrical, pneumatic or hydraulic requirements and we look at the surrounding equipment to assess if there are any electro-magnetic or vibration interference issues.





REVOLUTIONARY SERVICE



QUALIFIED SERVICE TECHNICIANS

Join the Revolution with service technicians from Revolution Machine Tools that can maintain, troubleshoot and fix your machines. Our goal at RMT is to ensure our customers experience smooth operations and greater return on investment by having their machines repaired and maintained by qualified personnel who are committed to the customer's success.

The service team at Revolution Machine Tools is experienced and able to diagnose, repair and install your equipment when you need it. We know that you can't wait for days or weeks to keep your production deadlines, and we are committed to minimizing your downtime and keeping your manufacturing processes moving forward.

PREVENTATIVE MAINTENANCE PROGRAM

Keeping your machines operating at their peak performance is key to successful manufacturing. At Revolution Machine Tools, we have the right preventative maintenance plan to fit your needs; thus, keeping your machines performing at their most efficient levels.



Our service technicians will create the perfect preventative maintenance plan for you. They will evaluate your machines and provide you with a customized maintenance plan. Each plan will include general maintenance, safety evaluations, suggested repairs and part replacement.

SERVICE WHEN YOU NEED IT

You can count on Revolution Machine Tools to be there when you need them. How many times have you needed customer service for a machine breakdown? Each and every breakdown equates to a loss in opportunity cost and profit. At Revolution Machine Tools, we are committed to making sure you get the most out of your equipment, and when it does breakdown, providing repair services in a timely manner.

So, if you are in need of a troubleshooting or repair, you can reach a service technician by phone or email and we will strive to respond quickly. You don't need help in two days, you need it now. You can count on Revolution Machine Tools because we are committed to getting you up and running when and where you need us.



PARTS & TOOLING



SUPERIOR PARTS AND TOOLING

Every machine used in the chipping, fabrication and forming of metal has consumables and tooling to keep them performing efficiently. These consumables and tools range from hydraulic oil, laser nozzle tips, replacement parts, software and more. Making sure you have the right products to take care of your machines is what we at Revolution Machine Tools specialize in. We stock the highest grade consumables, replacement parts and tooling to fit your needs; and, if on the rare occasion we don't have the part, we most likely know where to find it.

Our parts and tooling department is constantly looking for ways to maximize the potential of your machines. Specialized tooling can be ordered and shipped to your location. We have qualified customer service representatives who can help you find solutions and answers to your manufacturing needs.

Revolution Machine Tools and its staff are committed to providing you the most effective service possible. We encourage you to call, even if we don't carry your brand of machine, and see if we can support you in making sure you have the right parts and tooling to fulfill your production goals and needs.

REPLACEMENT PARTS AND ACCESSORIES



UNIVERSAL DIES



PIPE & TUBE DIES



BEAM PULLING APPARATUS



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



Pull Out Chip Tray



Easy Set Bevel Angle

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



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

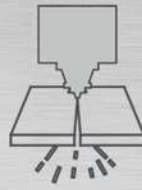
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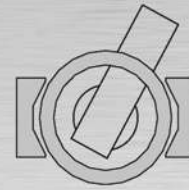
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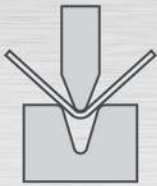
Hydraulic Presses



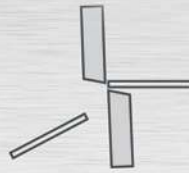
Fiber Lasers



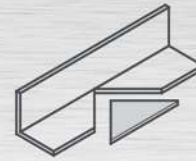
PSM Pipe Lathe



Press Brakes



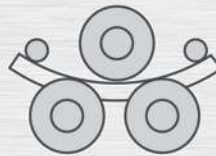
Shears



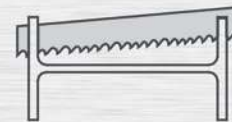
Ironworkers



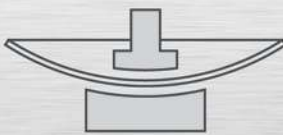
Plate Rolls



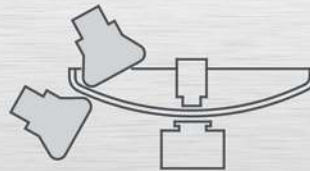
Angle Rolls



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

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