



HORIZONTAL

PRESSES

FAB & FAB-R 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.



We do all of these things because:
We take pleasure in helping make our customers businesses more successful.
Many of our customers have become life long friends that have carried over to several generations.

844-768-4636 / www.RMTUS.com 3



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



SWITCHES



GEARS AND BEARINGS



ELECTRICAL COMPONENTS



BENEFITS OF RMT HZ-FAB SERIES

The Revolution Machine Tools HZ-FAB Series horizontal hydraulic press is a versatile, compact tool that serves many needs at an attractive price. Standard features include an all-steel frame, induction hardened tooling and pins, foot-pedal operation with NC control, and one set of horizontal press brake tooling (punch and die).

Options include CNC (programmable) control and various cutting, punching, straightening and pipe-bending tools.

The HZ-FAB is a versatile tool for precision bending, folding, straightening, punching and shearing, allowing production of a wide variety of parts in one compact package.



Top-mount hydraulic ram can be fitted with various tools. HZ-FAB includes the standard press brake tools, pins and pin tie bar. Various optional tooling is available



The manually adjusted back gauge can be set to ensure reliable positioning for consistent output



The base level control package is NC and offers foot-pedal operation in a mobile package that can be positioned for safe operation.



The optional CNC control system can store up to 99 programs.

HZ-FAB SERIES




Standard Features

- All steel frame
- Adjustable piston stroke
- Manual back gauge
- Includes V-Die and Punch, Mounting Pins (2), Tool Pin (1) and Pin Tie Bar (1)

Optional Features

- Automatic back gauge
- Optional tooling for
 - Tube bending
 - Flat bar bending and straightening
 - Angle bending
 - Punching
 - Shearing
- Programmable CNC control panel

 HZ-FAB SERIES SPECIFICATIONS		HZ-FAB 11	HZ-FAB 22	HZ-FAB 33	HZ-FAB 44	HZ-FAB 55	HZ-FAB 88	HZ-FAB 110
Max Pressure at 200 Bar	Ton	11	22	33	44	55	88	110
Oil Tank Capacity	Gallon	3	3	10	10	15	31	31
Bending Capacity (Flat Material)	Inch	6" x 0.31"	8" x 0.5"	8" x 0.7"	8" x 1"	12" x 0.59"	12" x 1"	12" x 1.25"
Bending Capacity (Round Tubes)	Inch	1.65" x 0.12"	1.88" x 0.15"	2.36" x 0.15"	2.36" x 0.19"	2.99" x 0.15"	6.54" x 0.35"	4.48" x 0.39"
Max Stroke	Inch	7.2"	7.2"	11.25"	11.25"	11.25"	11.25"	11.25"
Bolt Diameter	Inch	2.3"	3"	3"	3"	3.5"	4"	4"
Tooling Height	Inch	5.9"	7.9"	9.8"	9.8"	11.8"	11.8"	11.8"
Operation Speed	I.P.S.	0.4"	0.4"	0.4"	0.4"	0.4"	0.4"	0.4"
Return Speed	I.P.S.	0.4"	0.4"	0.4"	0.4"	0.4"	0.4"	0.4"
Motor Power	HP	1.5	3	4	5.5	7.5	13.5	13.5
Net Weight	lbs	550	1170	2310	2310	3740	3740	3740
Table Size (L x W)	Inch	17.7" x 35.4"	18.9" x 41.7"	26" x 49.2"	26" x 49.2"	29.5" x 56.1"	26.5" x 56.1"	29.5" x 56.1"
Working Height	Inch	36.6"	36.6"	36.6"	36.6"	36.6"	36.6"	36.6"
Machine Length	Inch	35.4	45.3"	49.2"	49.2"	56.3"	56.3"	56.3"
Machine Height	Inch	44.5	47.2"	49.2"	49.2"	57.1"	57.1"	57.1"

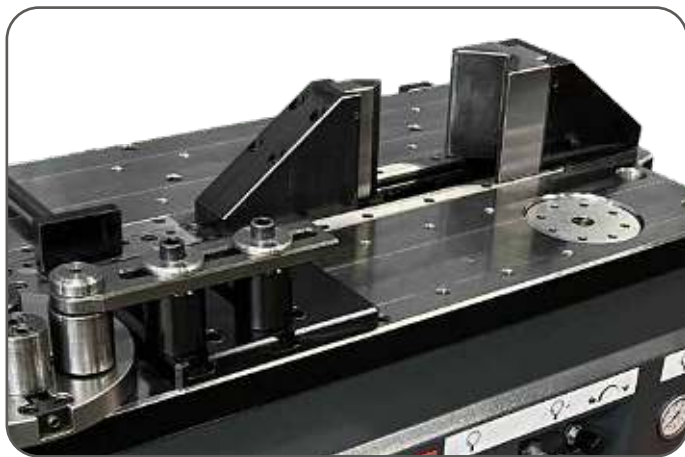
Due to ongoing product development, machine specifications can change at any time



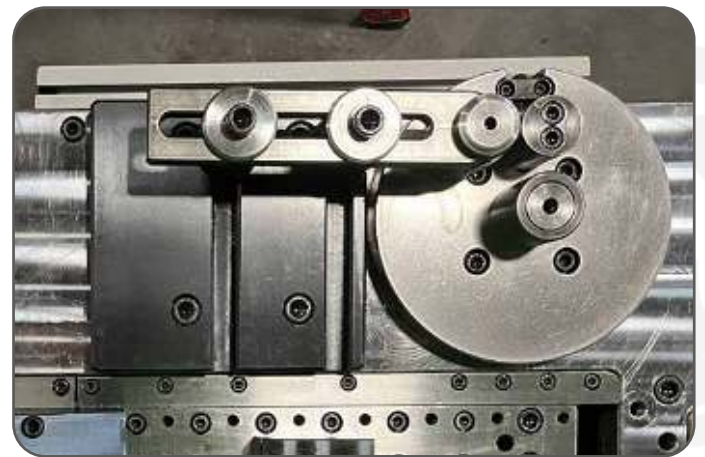
BENEFITS OF RMT HZ-FAB-R SERIES

The Revolution Machine Tools R-Series models move the hydraulic cylinder below the main worktable, giving much more room to work as well as allowing action to the left or right of the table. They also add dual rotation tables for bending round shapes, and pipe bending. The R-Series also feature dual hydraulic power take offs (PTO), allowing the user to power other hydraulic equipment in their shop using the HZ-FAB's hydraulic power output.

The HZ-FAB-R is a versatile tool for precision bending, folding, straightening, punching and shearing, allowing production of a wide variety of parts in one compact package.



Unique bottom-mount hydraulic piston allows greater work area on the table. The tooling can be removed and reversed to allow action to either side of the table



The dual rotating stations can be used to bend flat, angle, and (with optional tooling) hollow profiles.



The manually adjusted back gauge can be set to ensure reliable positioning for consistent output



The CNC control system capable of storing up to 99 programs. The control panel and foot pedal operation station is mobile for safe and effective positioning.



The dual power take offs (PTO) can be used to power other hydraulic systems in the shop.

HZ-FAB-R SERIES



RMT REVOLUTION MACHINE TOOLS		HZ-FAB-R SERIES SPECIFICATIONS		HZ-FAB 22-R	HZ-FAB 44-R
Max Pressure at 200 Bar	Ton	22	44		
Oil Tank Capacity	Gallon	13	23		
Bending Capacity - Flat Material	Inch	6" x 0.31"	8" x 0.5"		
Bending Capacity - Round Tubes	Inch	1.9" x 0.2"	2.4" x 0.2"		
Max Stroke	Inch	13.8"	13.8"		
Bolt (Tooling Pin) Diameter	Inch	1.6"	1.6"		
Tooling Height	Inch	5.9"	5.9"		
Operation Speed	I.P.S.	0.4"	0.4"		
Return Speed	I.P.S.	0.4"	0.4"		
Motor Power	HP	1.5	5.5		
Net Weight	lbs	1100	2420		
Table Size (L x W)	Inch	24.2" x 51.4"	27.6" x 59.6"		
Working Height	Inch	33.5"	36.6"		
Machine Length	Inch	51.4"	59.6"		
Machine Height	Inch	25.6"	28.3"		

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

Standard Features

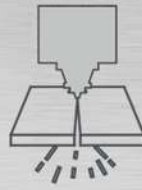
- All steel body and frame
- Expanded workspace is created by mounting the hydraulic ram under the table
- Bi-directional system can press left or right
- Dual rotating stations for bending various profiles
- Dual power take offs (PTO) to serve external hydraulic equipment
- Adjustable piston stroke
- Manual back gauge
- Foot pedal or hand-lever operation
- Includes V-Die and Punch

Optional Features

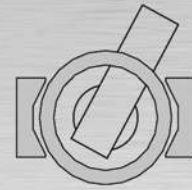
- Automatic back gauge
- Optional tooling for
 - Tube bending
 - Flat bar bending and straightening
 - Angle bending
 - Punching
 - Shearing



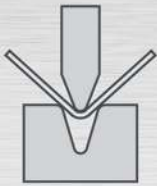
Hydraulic Presses



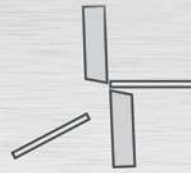
Fiber Lasers



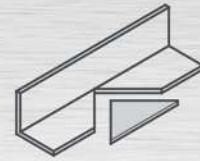
PSM Pipe Lathe



Press Brakes



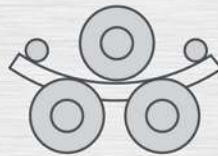
Shears



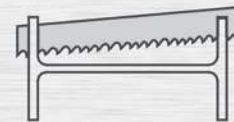
Ironworkers



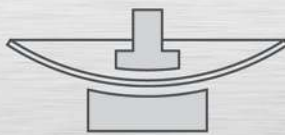
Plate Rolls



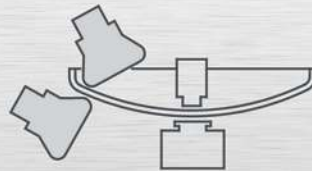
Angle Rolls



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