


PRODUCT CATALOG

Foremost




THE FOREMOST BANTAM.

For over 30 years Foremost Machinery has been offering our unique press brake as an alternative to using much larger brakes for simple bending. We currently offer 6 bench top models with capacities of 12 tons and 24 tons, and bed widths from 2 feet to 8 feet in length. Two air driven cylinders force the ram down, and a counterbalance retracts the ram. This simple design keeps maintenance costs to a minimum, without sacrificing performance. The Foremost Bantam press brake is an ideal choice for cell manufacturing or point-of-use operations because of its compact size. The CNC back gauge is available to enhance the versatility of the machine. 99 programs can be stored and retrieved at the push of a button, each with up to 30 bends. Every time the brake is actuated the back gauge advances to the next position. A 90° top punch and 4-way bottom die are included with the machines and an optional floor stand and 2-hand control package with support table are also available. 




THE RMT PRESS.

RMT Air Toggle Presses utilize a unique guarding system that is used to actuate the press. The operator simply loads the part into the die and then closes the guard. The press ram comes down, performs the operation and then returns when the guard is lifted. A piston cylinder minimizes air consumption, and allows infinite stroke adjustment from 0' up to the maximum capacity of the machine. These toggle action presses are available in 10 sizes up to 24 tons and are completely air operated. No electrics or hydraulics are needed. The machine is constructed with a robust cast iron frame and precision machined components, including a guided ram with vee gibbs. With speeds up to 240 strokes per minute, this machine can be used for production as well as low volume work. A wide variety of options are offered including 2 hand controls, foot valves, counters, and automatic cycling controls. 



GABRO TUBE & SHEET PEDESTAL DEBURRER

For a fast and economical way of producing tubes and sheets with finer finishes, the Gabro TSD45 is an excellent choice. With a capacity of 3' round or square tubes and 1/4" thick sheets, this rotary wire brush deburring machine is powered by a powerful 4-hp motor. An adjustable work support for tubing, and an angle support for sheets provides for easy set-up. A dust cover with vacuum port is provided for safety and convenience. 



GABRO MANUAL GUILLOTINE NOTCHER/SHEAR

Two manual versions of our combination shear/notcher are available; model 3M2 for cutting up to 1/8" thick mild steel, 14-gauge stainless steel, or 9-gauge non-ferrous metals, and the model 2M2 with a capacity of 16-gauge mild steel, 18-gauge stainless steel, or 10-gauge non-ferrous metals. Both models incorporate the progressive cutting action allowing sheets of almost unlimited sizes to be cut.



GABRO MANUAL BOX AND PAN BRAKES

Gabro Box and Pan Brakes are unique because they eliminate conventional segments for work clamping, and instead use standard steel angle cut as required for folding box ends. A narrow bed ensures that return bends can be made with the part being suspended inside the machine. The clamp bar can also be removed so brackets and channels can be formed. A unique and patented feature of the Gabro box and pan brake is the selective bending device on the fold bar. This allows for interrupted or partial folds to be made simply and quickly. Two models are available: a 24" wide bed with a full width capacity of 18-gauge mild steel, and a 40" wide bed with a full width capacity of 16-gauge mild steel.




GABRO SHEET FOLDER

Quick, simple, and neat light gauge sheet metal folding with the Gabro SF600. Ideal for industrial training, prototype work, maintenance shops, or home workshops.




MILFAB CAM PUNCH UNITS

Available in multiple and custom stock models, ideal for side piercing, punching, trimming and forming applications. Made from hardened steel parts for long life, the compact low profile design saves die space. Stripping force is generated either by an external spring style unit for punching tubing and conical surfaces, or an internal spring/urethane stripper combo unit for punching flat stock. The punch may be keyed to prevent rotation where shaped holes are being punched, and the punches can be replaced without removing the unit from the die. A variety of sizes and punch strokes are available as well as special units for multiple punch applications. 




RASAMAT DEBURRER

The Rasamat semi-automatic deburring machine is a unique brush type end-finishing machine with a specially designed brush head for deburring complicated profiles. Rotating in a planetary motion, the brush tips work in all directions, reaching all edges without turning the work piece. The result is perfectly deburred ends in a few seconds with minimum operator effort. The Rasamat provides fast, high quality, low cost end deburring. The machine is offered with either removable plastic templates or an adjustable iris front plate for fast set-up. 



TURNAMAT DEBURRER

A cousin to the Rasamat deburrer, this machine is also semi-automatic and is ideal for short run production deburring of round and square tubing up to 6"x6". Because the brush rotates about the drive unit, a continuous change of working direction of the brush is achieved. This means that the part does not have to rotate and can be held stationary. The result is a complete deburring of the inside and outside surfaces with very little operator effort. The Turnamat Deburrer can be equipped with either a fast adjusting iris front plate or a replaceable template front plate for asymmetrical parts. 



All listings with this logo have an additional product brochure that may be requested.

AVAMATIC END FORMING MACHINE

The Avamatic AV75T is a precision, heavy-duty machine designed for the economical expansion and reduction of metal tubing up to 6" in diameter. Each segmented tool has an infinitely variable diameter range. The versatility reduces the number of tools needed to accommodate different tube sizes. Drop-in tool holders allow quick convenient changeover between expansion and reduction, and exchanging the tool segments for different sizes only takes a few minutes. The AV75T's hydraulic ram is electronically controlled to provide exceptional fast set-up. Limit switches are used to set the starting and ending position of the ram thereby eliminating wasteful free travel. Standard tooling is available for parallel expansion and reduction applications, and special tooling is available for other applications.



HUNTON® VERTICAL GRINDERS

Designed for keeping turret press tooling sharp, these grinders come in two basic sizes with many options. The standard model comes with a magnetic chuck for holding the dies, and a 3-jaw chuck for holding the punches. A graduated handwheel in .001" increments provides for easy and precise adjustment for an excellent finish. The 3-jaw chuck can be replaced with a shear grind/quick change chuck. This special chuck allows for grinding rooftop shears up to 10°. Quick-change adaptors can also be used in this chuck. These adaptors allow the tooling to be re-sharpened without removing spring packs, which saves valuable time. A coolant tank and pump is also offered as an option on some models, standard on others.



RMT® LITTLE GIANT SHEAR

The air operated RMT 1250 Shear is a low cost, fast and accurate shear with a capacity of 1/8" thick mild steel or 13-gauge stainless steel up to 49" wide. The rugged cast iron bed and frame construction assures long life and consistent performance. The machine is delivered completely assembled, air connection is all that is required, and because of its compact size, minimum floor space is required. The machine features an automatic sheet hold down system, squaring bars for cutting narrow strips, and a precision adjustable back gauge.



RMT® BOLSTER SYSTEM

Ideal for short run or prototype punching in sheet or strip metal, the Master Bolster System uses quick change tooling for use in RMT Air Toggle Presses or other presses that meet it's dimensional requirements. Included with the bolster are 5 die holders, two punch holders, two gauge bars, and a punch holder wrench. Standard round, square, rectangular, and oblong punches and dies are readily available. Other shapes and special tools for corner notching, corner rounding, radius cropping, louvering, and angle bar piercing are available as well.



RYDAL ATS® ADVANCED TOOLING SYSTEM

The ATS Advanced Tooling System is a self-contained spring pack for use with conventional A & B station thick style turret press tooling. By removing the conventional spring pack from your existing tooling and simply snapping on the ATS spring pack converts your tools into ATS with all its advantages. Tool life can easily be extended for punches considered past their re-grind life. By turning the adjusting knob on the back of the ATS unit, the punch can be click adjusted in .010" increments to the maximum useable tip length. The adjustment takes only seconds and can be done without removing the tooling from the turret. Disc springs are used for increased and livelier stripping force, and a clinch punch cap ensures accurate and positive transmission of ram force to the punch. If you can re-use just two shaped punches from your existing tool stock, you will have covered the cost of an ATS unit.

