

Machinery, Tools and Material Handling Products

Advanced Fabricating Machinery

65 Route 125
Kingston, NH 30848
Ph: 603.642.4906
Fax: 603.642.4813
www.advancedfab.com



Advanced Fabricating Machinery provides the North American HSS-fabricating industry with cost-effective, high-quality machines and service. Specializing in HSS, pipe, bar and profiles, AFM offers products for bending, end-forming, deburring, loading, unloading and transfer. These machines, manufactured by Ineco, Stierli-Bieger, Transfluid, and SOCO, range from entry-level to complete production solutions. This enables AFM to closely define a machine that fits both your requirements and your budget.

Allied Machine & Engineering Corp.

120 Deeds Drive
Dover, Ohio 44622
Ph: 800.321.5537
Fax: 330.602.3400
www.alliedmachine.com



Designed specifically for use on structural steel materials, the patented and patent-pending features of this system deliver outstanding performance and durability. T-A® Thin Wall geometry insert is ideal for use in materials up to and including 7/16" thick, while the T-A® Notch Point geometry insert (U.S. Patent #6,685,402) is designed for material greater than 7/16" thick. TiAlN insert coating allows for increased tool life and better heat resistance.

Anchor Lamina, Inc.

38505 Country Club Drive
Farmington Hills, MI 48331
Ph: 248.489.9122
Fax: 248.553.6842
www.anchorlamina.com

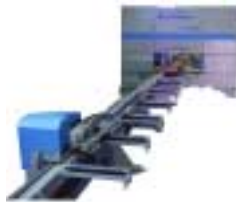


Lamina Portable Hydraulic Drills are powerful and compact. They are used in steel fabrication and other industries to drill or tap holes from 13/16" to 4". A magnetic base attaches to the drilling surface for vertical or horizontal work at virtually any angle. The drill can be fixtured to allow step drilling of larger diameters. The heavy-duty, low-maintenance hydraulic power units are built for continuous operation in difficult conditions. The hydraulic unit uses the hydraulic/electronic technology and is mounted on a cart for mobility. It is 44½" long x 24½" wide x 54½" high. A remote pendant control includes start-and-stop, speed control and forward/reverse buttons. The system includes all cables and a 12-volt battery back-up.

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Behringer Saws, Inc.

721 Hemlock Road
Morgantown, PA 19543
Ph: 610.286.9777
Fax: 610.286.9699
www.behringsaws.com



Behringer Saws, Vernet Behringer, and Behringer Eisele design manufacture and install bandsaws, circular saws, fabricating machines and integrated material handling systems for the metalworking and structural steel industries. Behringer Saws manufactures heavy-duty horizontal bandsawing machines, plate saws and power hack saws designed to cut ferrous and non-ferrous plates, tubes, profiles, and solids.

Behringer Saws, Vernet Behringer, and Behringer Eisele design manufacture and install bandsaws, circular saws, fabricating machines and integrated material handling systems for the metalworking and structural steel industries.

Bosch Power Tools and Accessories

1800 West Central Avenue
Mt. Prospect, IL 60645
Ph: 224.232.2737
Fax: 224.232.2734
www.boschtools.com



The Bosch 1700-series small angle grinders are getting a facelift with the addition of a vibration-dampening side-assist handle and new tool-free guard. New models include the 4½" 1700 and 1710 units, 5" 1701, 1711 and 1703EVS units and the 6" 1706E unit. At the same time, Bosch is also launching two new "no lock-on" paddle switch grinders, the 4½" 1710D and 5" 1711D units that also include the above additional features. The new vibration-dampening side-assist handle cuts vibration by 60%. The ergonomic improvement is great for professionals such as metal workers, fabricators, or anyone else who grinds extensively on the job.

Cambco, Inc.

P.O. Box 37305
Houston, TX 77237-7305
Ph: 713.781.9702
Fax: 713.781.0193
www.cambcoinc.com



CAMBCO, Inc. offers eight cambering machine models. Four new versions (Models 520, 825, 1170 and 1700) provide

25% additional cambering capacity at only 12% additional cost. Model 420 cambers Grade 50 beams as large as a W30 by 116 and Model 1700 can camber a W40 by 397. Conveyorizing versions are also available. All can be purchased as complete machines or as "do-it-yourself" kits.

CML USA Inc.

8506 North Fairmount
Davenport, IA 52806
Ph: 563.391.7700
Fax: 563.391.7710
www.ercolina-usa.com

Ercolina manufactures innovative mandrel and non-mandrel rotary draw benders and angle rolls capable of bending a wide variety of material and profiles. Models are fully programmable and allow control of bend angle from 0 to 180 degrees and material spring back. Patented rotary draw machines with capacity to 3" diameter, bend pipe or tube to centerline radiuses as small as 1½ times material diameter with minimum deformation. Angle rolls are manually operated or hydraulically controlled with LED display for center roll position, remote foot pedals for hands free operation and adjustable side rollers to correct material twist or create coil effect.

COMEQ, Inc.

P.O. Box 207
White Marsh, MD 21162-0207
Ph: 410.933.8500
Fax: 410.933.1600
www.comeq.com



ROUND0 section-bending rolls (or angle-bending rolls) are machines for rolling structural sections. They are available in 22 models and sizes, and can roll up to 44" beams the easy way, 33" beams the hard way, 24" pipe and round tubing, and HSS to the largest available sizes. ROUND0 BeamBenders can roll up to 44" beams both the easy and the hard way. In addition, special machines are available to handle tough rolling requirements. ROUND0 angle rolls, plate rolls, BeamBenders, and welding positioners are produced in Sweden and have been distributed in North America exclusively by COMEQ since 1970.

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CS Unitec, Inc.
22 Harbor Avenue
Norwalk, CT 06850
Ph: 800.700.5919
Fax: 203.853.9921
www.csunitec.com



CS Unitec's lightweight, portable magnetic drills can cut up to 5"-diameter holes through 4"-thick steel. At only 24 lb, the Model ECO-32, with a 9.5 AMP motor, can drill up to 1¼" holes in structural steel. The new ECO-50 Magnetic Drill weighs 29 lb and drills up to 2"-diameter holes for shop or job-site use.

Daito USA
2346 North Main Street
Oshkosh, WI 54901
Ph: 920.231.4100
Fax: 920.231.4303
www.daito-seiki.com/english



Daito manufactures CNC-drilling and bandsaw machines for structural steel fabrication. Daito introduced the world's fastest CNC drill for beams at the 2003 NASCC in Baltimore. The CSD Series machines bring new carbide drilling technology to structural fabrication. Daito offers a full line of drills from the CSD Series carbide drills to the entry-level DNE700, now offered with programmable, powered infeed.

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DeWalt
701 East Joppa Road
Baltimore, MD 21286
Ph: 800.433.9258
www.dewalt.com



DEWALT's 7" and 9" large-angle grinders feature more torque and power for faster material removal, greater durability for continuous use, and better ergonomics for easier tool operation. Each model is built around a 15-amp AC/DC motor with 4 horsepower maximum motor output and 3,084 maximum watts output. The 9" D28494N and 7" D28474W models offer light weight and high power. The D28494N runs at 6,000 RPM with 125 in/lb of torque to maximize the rate of material removal. The 7"

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D28474W operates at 8,000 RPM with 100 in/lb of torque for improved productivity. DEWALT also offers two higher-torque, more traditional units with lower RPM.

DISA Goff Inc.
One Pleasant Grove Road
P.O. Box 1607
Seminole, OK 74818-1607
Ph: 800.654.4633
Fax: 405.382.7013
www.disagoff.com



DISA Goff offers a full product line of U.S.-manufactured abrasive blast-cleaning equipment and HydroPulse degreasing equipment. The abrasive blast-cleaning product designs include barrel blast, spinner hangers, table blast, skew roll, monorail, wire mesh pass-through, roll conveyor, wire and rod descalers, strip and plate cleaners, numerous heavy-duty foundry machines, shot peeners and various configurations of custom designs for special application requirements. HydroPulse degreasing equipment is available in batch, table, spinner hanger, mesh belt pass-through, monorail and numerous custom designs.

DoALL Company
254 North Laurel Avenue
Des Plaines, IL 60016
Ph: 847.803.7355
Fax: 847.803.7374
www.doall.com



DoALL's new model TF-1822M is a compact tilt-frame saw with an 18" by 22" rectangular cutting capacity at 90° and 18" by 14" capacity at 45°. It is designed for sawing all types of structural material including I-beams, square and round tubing, pipe and angle iron. Features include a counter balanced saw head, a full stroke hydraulic clamp cylinder and an infinitely adjustable hydraulic feed force control. The saw uses a 5-hp band drive motor with infinitely adjustable band speeds from 65 to 385 fpm to power a 1" saw blade. For unobstructed loading and unloading of material, the articulating and telescoping control panel can be lowered below the machine's table surface while the full stroke hydraulic vise can be

used to adjust the work piece to an optimum position for efficient sawing. The counter balanced head permits easy manual adjustment of the sawing angle, which can be from 45° left or right. An angle scale is clearly visible from the operator's position.

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ESAB Welding & Cutting Products
411 South Ebenezer Road
Florence, SC 29501
Ph: 843.669.4411
Fax: 843.664.4258
www.esabna.com



The Aristo 400/500 series systems, the AristoMig, AristoTig and AristoArc systems, are for shipbuilding, mobile machinery, civil and offshore construction, auto production, power generation and more. The system is modular in nature and can be "built" or upgraded with ideal components to meet any operator's demands. Designed for tough environments, the casing is

made from corrosion-proof Alutech™ extruded aluminum. "Intelligence" is provided by a series of easy-to-use communications/control modules. Aristo's digital communications are resistant to disturbances and use few cables for reliability.

Faccin USA Inc.
907 U.S. Hwy. 301 South
Tampa, FL 33619
Ph: 813.664.8884
Fax: 813.664.4454
www.faccin.com

Favelle Favco USA, Inc.
P.O. Box 3049
Harlingen, TX 78551-3049
Ph: 956.428.7488
Fax: 956.428.7749
www.favcousa.com



Favelle Favco USA, Inc. manufactures a full range of construction tower cranes, offshore pedestal cranes, ship cranes and wharf cranes, plus telescopic and lattice-boom cranes. The telescopic boom cranes have 30-ton and 40-ton capacity and are based on a Caterpillar excavator power module including undercarriage, engine and cab. They are capable of 360° lifting, on slopes as much as five degrees. With standard 32" triple-grouser pads, the machines have a ground pressure of less than 8.0 psi for operation on soft surfaces, versus the 60 psi-105 psi for comparable tire-mounted rough-terrain cranes.

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Ficep Corporation
 2301 Industry Court
 Forest Hill Industrial Airpark
 Forest Hill, MD 21050
 Ph: 410.588.5800
 Fax: 410.588.5900
 www.ficepcorp.com



Ficep Corporation has installed more than 40 CNC systems for the fabrication of structural steel and plate in the United States during the past nine months. This product range includes angle lines, drill lines, coping systems, band saws and plate-fabrication systems.

The Type B 25 is new to the North American market this year. This system can process plates up to 8' wide and 65' long. It combines the operations of punching, drilling, marking, plasma and hand blasting. Viking also offers customization of the RT 1818 to match customer part requirements. Oxy-fuel cutting so you can go from stock plates to finished parts with accurate technology.

Franklin Manufacturing, Inc.
 P.O. Drawer 998/Hwy 243, Industrial Park
 Russellville, AL 35653
 Ph: 256.332.6654
 Fax: 256.332.0143
 www.fmi-solutions.com



Franklin is a worldwide supplier of CNC fabricating systems. Franklin products are used in pre-engineered steel buildings, heavy structural fabrication and joist fabrication. The CNC product line includes: PF196x72 plasma/punch plate fabricators, BL-100-5(5-Press) beam lines, HD-145 structural drills, large structural band saws, AFC5108 CNC angle lines, plate duplicators and engineered material-handling systems. Franklin also manufactures a complete line of portable punch presses and shears, with more than 150 units in stock.

G.W.Y., Inc.
 217 Forest Road
 Greenfield, NH 03047
 Ph: 888.838.6500
 Fax: 603.547.3800
 www.gwyinc.com



GWY, Inc. is celebrating its 28th year of distributing installation tools for structural bolting. GWY has a full line of installation wrenches for both TC Bolts and standard structural bolts. Like the TC wrenches, GWY's wrenches for heavy hex head structural bolts are constant-speed electric tools so bolts can be tightened from one side by one person. GWY also rents installation tools. GWY's large spare parts inventory means same-day service for most tool repairs.

Heck Industries
 P.O. Box 425
 Heartland, MI 48353
 Ph: 810.632.5400
 Fax: 810.632.6640
 www.heckind.net

The new Model 8000 Bevel-Mill is designed for plate-edge beveling for weld preparation also finish chamfering. This replaces the traditional methods of beveling, such as flame-cutting and hand-grinding, producing a faster and cleaner edge. The Bevel-Mill uses inexpensive indexable carbide inserts in a milling-type cutter to produce clean and accurate bevels. It bevels up to 6'-8' per minute on aluminum to stainless steel. Features include variable-angle-15 degrees-45 degrees-and adjustable depth of cut. Corner rounding or radii can also be performed with interchangeable inserts used for cleaning the welds off box corners, or rounding the edge of structural steel prior to painting as a "stop chip edge."

HE&M Saw
 Main & Webb
 P.O. Box 1148
 Pryor, OK 74361
 Ph: 918.825.4821
 Fax: 918.825.4824
 www.hemsaw.com

At the Fabtech 2004 show in Cleveland, HE&M Saw will feature the V100HLA-3 vertical saw in booth number 8046. The V100HLA-3 is a vertical band saw that uses a 1.25" by 15" by 0.42" blade to maintain a cutting capacity of 18" by 22" at 90 degrees, 18" by



15" at 45 degrees (left miter) and 18" by 14" at 45 degrees (right miter). The motor and gearbox are encased in

the upper head of the saw away from the coolant and chip area. This engineering philosophy sets us apart from our competitors since the life of these components are significantly increased, keeping them away from chips and debris. Regional sales managers will do product demonstrations on this saw, where the latest technology in sawing fluids-the HE&M Eliminator-will also be exhibited.

Hougen Manufacturing, Inc.
 3001 Hougen Drive
 Swartz Creek, MI 48473
 Ph: 810.635.7111
 Fax: 810.635.8277
 www.hougen.com



Hougen manufactures smooth-action, quill-feed portable magnetic drills. The HMD150 Rescue Drill makes holes up to 1 3/8" diameter thru materials 1" thick with Hougen's RotaLoc Plus™ Quick Change annular cutters. It's compact, weighs 22.7 lb and has high-torque motor/gearing.

The HMD505 is useful for a range of applications but maintains a constant profile. It weighs 45 lb, features two speeds, and can drill from 7/16" to 2 3/8" diameter and to 3" depths using Rotabroach® Annular Cutters. The HMD904 maintains cutting speeds and feeds for deep holes, large holes and holes in tough alloys. It weighs 27.5 lb. and drills holes up to 1 1/2" diameter thru 2" depth of cut.

Interthor, Inc.
 1817 Beach Street
 Broadview, IL 60155
 Ph: 708.345.1270
 Fax: 708.345.1290
 www.interthor.com



Trans-Positioners from Interthor allow workers to lift, transport, and position up to 3000 lb at a time. Whether loading or off-loading pallets, picking orders, or positioning materials at workbenches or production machines, Trans-Positioners can increase safety and productivity by eliminating repetitive bending, lifting, and carrying, all at a fraction of the cost of a driver-operated fork lift truck. It is designed to handle any type of pallet or skid. Low 52.5" overall height and dual-wheel steering provide unobstructed operator views and maneuverability. Customers can choose manual or electric lift and drive. Standard features include infinite height adjustment, safety wheel/toe guards, and auto-stop release. Electric models have extended-duty cycles, battery discharge indicators, and integral battery chargers.

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J&B Specialty Tool
526 A Paradise Way West
Greenwood, IN 46143
Ph: 317.883.1849
Fax: 317.883.1949
www.beamgaugetool.com



The beam gauge tool is two- to three-times faster and more accurate than previous methods of laying out holes in the web.

It contacts the outside of the flange at the center line of the web, as shown on structural blueprints for fabricators. Generally, layout people measure from the top of the flange to get to the first hole gauge. If flanges are tipped in or out (not square), the holes will be off. This presents a problem for erectors, because when things don't line up, the job cannot be completed on schedule, and everyone is thrown off track.

Jesse Engineering
5225 7th Street, East
Tacoma, WA 98424
Ph: 253.922.7433
Fax: 253.922.2536
www.jesse-wallace.com



Heavy metal fabrication, automated industrial machinery. Capital, CMH Crane Division, specializes in overhead and gantry cranes and crane service. Wallace Coast Division specializes in pipe shop systems. Pipe benders (manual to fully CNC), PipeShop® custom software, pipe-fabrication equipment for storage, selection, cutting, sanding; flange-welding, conveying, saddle and hole cutting, system integration. Complete robotic profile-cutting systems and saddle- and hole-cutting systems.

JLG Industries, Inc.
13224 Fountainhead Plaza
Hagerstown, MD 21742
Ph: 240.420.8721
Fax: 240.420.8733
www.jlg.com



The Gradall® Model 534D9-45 telehandler from JLG Industries, Inc. features a 9,000-lb. maximum lift capacity and a 7,000-lb capacity at its 45-ft. maximum lift height. Its 90° rear-pivot steering provides maneuverability on crowded job sites. The telehandler pivots around

tight corners keeping the forks and load inside the tight turning radius at all times. Inching big loads in exact locations is more efficient and productive. The telehandler is powered by a 110-hp John Deere engine. It can be equipped with a variety of attachments including tilt carriages, swing carriages, side tilt carriages, 6-ft. vertical masts, truss booms, buckets, a personnel work platform and more.

Kaltenbach, Inc.
6775 Inwood Drive
Columbus, IN 47201
Ph: 800.TALK.SAW
Fax: 812.342.2336
www.kaltenbachusa.com



Kaltenbach's 'KKS401 Touchscreen' sawing cell can operate with downloaded data for straight/miter cuts within a +/-60° range, with no time penalty for mitering. Ballscrew material feed provides flexibility and accuracy. Graphics-assisted programming at the machine is easy with software developed to target the application environment: high-volume, small-to-medium batch production, with a miter-cutting component, in materials up to around 6". Software is customizable. Cut parts in batches, in "families" or automatically nested.

The Lincoln Electric Company
22801 St. Clair Ave.
Cleveland, OH 44117-1199
Ph: 216.481.8100
Fax: 216.486.1751
www.lincolnelectric.com



Lincoln Electric's new auto-darkening Ultra-shade® welding helmets offer updated designs and graphics without sacrificing quality or safety. These new helmets offer electronics, Swiss optics, an adjustable ergonomic design, and a two-year warranty. Features include a new edge lip to help shed spatter; an extended forehead for more coverage; and a front opening to meet the industry standard for clear spatter shields. As a welding arc is detected, the helmet automatically darkens to the correct level of shade protection within a fraction of milliseconds. The adjustable design keeps the mask comfortably in place, even after many hours.

Lista International Corporation
106 Lowland Street
Holliston, MA 01746
Ph: 800.722.3020
Fax: 508.626.0353
www.listaintl.com



Lista International Corporation introduces the Align™ Adjustable Height Workbench. The Align Workbench brings the user an unsurpassed level of ergonomic comfort, flexible functionality and enhanced productivity. The height of the worksurface can be easily adjusted from 25½" to 41½" through use of a motorized lift, hand-crank or slide leg platform to accommodate the worker with the appropriate worksurface height.

Messer-MG Systems & Welding, Inc.
W141 N9427 Fountain Boulevard
Menomonee Falls, WI 53051
Ph: 262.255.5520
Fax: 262.255.5170
www.mg-systems-welding.com



Messer-MG offers a complete line of plate-processing equipment with more than 4,000 systems, including plasma and oxy-fuel cutting, drill and tap units, and beveling units. A heavy-duty drill unit can provide through-hole capabilities in up to 1"-thick mild steel. Threads up to ½-13 can be established with the tap unit. A hold-down shoe automatically engages the plate during drilling and tapping to hold it in place. Beveling units help eliminate other operations by creating bevels for weld-preparation grooves. Both bevel and land-edge configurations can be produced, while the bevel-angle-change-on-the-fly feature allows controlled variations of bevel angles for consistency after bending or rolling.

Metabo Corporation
1231 Wilson Drive
West Chester, PA 19380
Ph: 800.638.2264
Fax: 800.638.2261
www.metabousa.com



Metabo Corporation's 4" and 5" angle grinders now feature an 8 Amp motor versus the older 7 Amp version and are ideal for grinding and cutting various construction metals in

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many welding and construction applications. All of the upgraded grinders feature a long-lasting motor with a special epoxy resin coating on the field coil and a winding protection grid to deflect airborne debris away from the armature windings and increase motor life up to five times. The angle grinders with a more powerful motor include: W7-115, W7-125, W7-115 Quick, WP7-125 Quick, WP7-115 Quick, WPS7-125 Quick and WPS7-115 Quick.

ML USA Ercolina
8506 North Fairmount
Davenport, IA 52806
Ph: 563.391.7700
Fax: 563.391.7710
www.ercolina-usa.com



Ercolina's rotary-draw Mega-Bender 030 produces repeatable accurate bends to center-line radius as tight as two-times material diameter in HSS, pipe and profiles up to 3" diameter

without a mandrel. Heavy-duty gear case with variable-RPM bend speed accommodates work-piece centerline bend radius up to 15". Programmable controls with digital display stores 10 individual programs, with nine separate bend-angle and material spring-back values in each program. Tooling mounts rapidly to hex shaft for quick setup and changeover. Optional mandrel bending system adapts easily to Mega-Bender for centerline radius as small as 1.5 times diameter.

MQ Power, a division of Multiquip Inc.
18910 Wilmington Avenue
Carson, CA 90746
Ph: 800.883.2551
Fax: 310.632.2656
www.mqpower.com



MQ Power supplies portable generators to the construction and rental industries. A division of Multiquip Inc., based in Carson, CA, the company manufactures a full line of self-contained power generators ranging in size from 2.3 kW to 2,000 kW. MQ Power's Engine & Equipment division manufactures prime power and standby gensets up to 2,000 kW for the military, government, telecommunications and entertainment industries. The Whisperwatt line of self-contained power generators are recognized for reliability, ultra-quiet performance, containerized generators, Crawford studio units, industrial generators, and the new Ultra-Silent Series Generators.

Nitto Kohki U.S.A., Inc.
4525 Turnberry Drive
Hanover Park, IL 60133
Ph: 630.924.9393
Fax: 630.924.0303
www.nittokohki.com



Nitto Kohki's new WA-5000 has a 3" deep hole-boring capacity. The Automatic-feed magnetic base drill has 2" diameter by 3" depth capacity. Aside from the other automatic-feed magnetic base drills, this new WA-5000 has a larger capacity at a very attractive and afford-

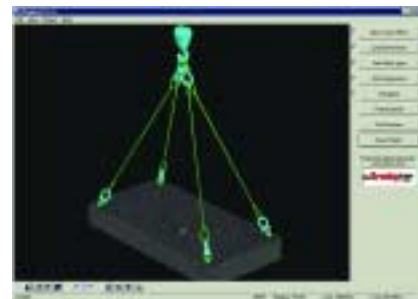
able price. These cost-saving automatic-feed machines are revolutionizing the hole-cutting process. The automatic-feed machines are equipped with cutting load and feed load sensors to maximize cutting production while extending cutter life. They are also equipped with motion and non-restart sensors for maximum safety. The magnetic base drills are coupled with JetBroach carbide-tipped high efficient annular cutters.

Ocean Machinery, Inc
3081 E. Commercial Blvd.
Ft. Lauderdale, FL 33308
Ph: 800.286.3624
Fax: 954.351.9472
www.oceanmachinery.com



The Ocean Avenger CNC beam line has been designed specifically for the small to medium fabricator processing a wide variety of profiles, including beams, channel, angle, plate, and more. It dramatically reduces fabricator costs and increases margins. It allows the fabricator to take on additional work while reducing manpower, improving the overall cash flow of the business, and significantly reducing back charges due to shop errors. It sells for less than half a regular beam line and occupies less than half the floor space. It eliminates all manual layout and accurately drills beams at over 180 holes per hour. This versatile machine processes webs up to 40", any size flange, any beam weight up to jumbo columns, and thicknesses up to 10".

PAT America Inc.
1665 Orchard Drive
Chambersburg, PA 17201
Ph: 717.263.7655
Fax: 717.263.7845
info@patamerica.com



Rigging Pro provides a Windows-based suite of three powerful programs designed to help crane professionals create and evaluate rigging plans. The 3D Project Wizard leads the designer step-by-step to specify the load parameters, hitch type, and rigging hardware such as collector rings, shackles, and fittings. Rigging Pro analyzes the load on each sling as it displays the hitch in 3D and automatically generates a detailed 2D printout of the entire rigging assembly. The 2D SketchPad program creates professional rigging drawings for any rigging situation, complete with title block, text and detailed rigging components, so you can communicate rigging tasks to the field. The Inventory Manager lets you organize, modify, and add custom hardware to Rigging Pro's extensive database of Crosby parts for use with the 3D Project Wizard.

Peddinghaus Corporation
300 North Washington Avenue
Bradley, IL 60915
Ph: 815.937.3800
Fax: 815.937.4003
www.peddinghaus.com



The totally new Angle-master for 6" by 6" by 5/8" angle and flat processing with carbide marking and multiple punch stations-along with angle/flat detail-the new FPDB plate processing system is the answer for any plate connection requirement: base, splice, gusset, shear tab, etc. The patented "one-pass" process eliminates excessive plate handling, multiple operators, and saves shop floor space. Peddinghaus provides engineering consultation for shop efficiency design, and has installed over 50 complete beam drill line systems in 2004. They incorporate robotic burning and coping of beams as well as speedy band sawing machines to provide just-in-time cell concepts to structural steel fabrication.

Machinery, Tools and Material Handling Products

Penntech Industrial Tools, Inc.
319 Thomson Park Drive
Cranberry Township, PA 16066-6430
Ph: 724.776.2477
Fax: 724.776.5030
pnhttools@aol.com



Regional distributors of a full range of metal fabricating machinery and tooling products for processing structural shapes, plate, bar stock, pipe & tubing.

Piranha
3310 East 4th Street
Hutchinson, KS 67501
Ph: 800.338.5471
Fax: 620.662.1719
www.piranhafab.com



Piranha offers a complete line of metal fabrication equipment, including single- and dual-operator ironworkers, press brakes, shears, and bending rolls.

Piranha also has a complete line of single-end punch-press machines. The Piranha Press Brake features full tonnage across the bed for maximum flexibility in multi-operation set-ups; parallel movement regardless of off-center loading; and repeatability of +/- .001" using a single-cylinder, low-maintenance hydraulic system. Press Brake models range in size from 25 tons to 500 tons. Piranha offers 1/4", 3/8", and 1/2" shears, with a guillotine design, heavy-duty high-speed back gauge, and a fully machined front table. Piranha's light- to heavy-duty bending rolls, include single, initial-pinch and three-roll double-initial-pinch models.

Presto Lifts Inc.
21 Park Street
Attleboro, MA 02703
Ph: 508.222.0177
Fax: 508.222.2996
www.prestolifts.com



Roll-Lift® Hand Pallet Trucks are available in a variety of sizes, configurations and capacities. Economy models designed for occasional use have 4,500-lb

capacity and 48" forks. For more frequent use, standard and heavy-duty models have 5,000-lb and 5,500-lb capacities and are available in 20.5"- 27"-wide configurations with fork lengths as short as 32" and as long as 72". Super Duty Trucks have a 6,500-lb capacity and are available in a wide range of fork lengths and widths. Roll-Lift also manufactures a full line of specialty hand pallet trucks for special-use applications including Low Profile, Four Way, Zinc Coated for hostile environments and Stainless Steel for sanitary applications.

Scotchman Industries, Inc.
180 East Highway 14
P.O. Box 850
Philip, SD 57567-0850
Ph: 800.843.8844
Fax: 800.843.5545
www.scotchman.com



Scotchman "Metal Fabricating Solutions" designs and manufactures quality equipment for the metal fabrication industry featuring: Hydraulic ironworkers from 45-150 tons in three distinctive styles: 1. Component Tool Table design (numerous tooling options available and mounted on the tool table), 2. Dual Operator Machine, (with built-in rectangular notcher and the ability to have two operators work simultaneously), 3. Fully Integrated Ironworkers. Scotchman also offers a large special tooling department for custom applications including circular cold saws with pivot and column design for ferrous and non-ferrous applications.

Sellstrom Manufacturing Company
One Sellstrom Drive
Palatine, IL 60067
Ph: 800.323.7402
Fax: 847.358.8564
www.sellstrom.com



The new DP4 Faceshield with a combination of a clear window with a flip-down Shade 5 IR window is first of its kind in the market providing uninterrupted protection for grinding, cutting and brazing.

Other models available include a full face clear window for grinding operations, Shade 3 IR window for cutting operations and Shade 5 IR window for cutting and brazing operations. Delivers excellent protection with ease on your neck and head providing comfort. Meets ANSI Z87.1 Standards and is CUL Certified to meet CAN/CSA-Z94.3 Standards. Comes with a two year warranty.

Southworth Products Corp.
P.O. Box 1380
Portland, ME 04104-1380
Ph: 207.878.0700
Fax: 207.797.4734
salesinfo@southworthproducts.com



Backsaver® lift tables from Southworth Products Corporation are available in more than a million different configurations. Designed to improve productivity and worker safety in machine feeding, work positioning, assembly, order picking, pallet loading, and other applications, they can be shipped quickly from stock. Although standard Backsaver Lifts™ can be ordered with capacities from 500 lb to 6,000 lb, and lifting heights up to 56", higher capacities and lifting heights are available. These rugged lift tables feature tabletops with the exclusive Comfort Edge to eliminate sharp corners and improve visibility. Platform sizes range from 24" by 36" up to 72" by 96."

Stewart Engineering and Sales Co.
2140 Aurora Avenue
Muskegon, MI 49442
Ph: 231.767.2140
Fax: 231.767.2233
www.steweng.com



The Stewart Beam Rollover consists of an air-powered drive unit and an idler unit with heavy nylon slings and a safety hook that loops at the ends. Overhead cranes position the unit while the beam is lifted with the slings in a basket configuration.

Units are available in 10-ton or 20-ton capacity air powered arrangements. The rollover is typically used as a welding positioner for beams, columns, trusses, and towers and also rotates tapered beams, curved beams, and beams with a "dog-leg. Use it to drill, punch, clean, and paint!

Machinery, Tools and Material Handling Products

TigerStop LLC

TigerStop® Assembly Plant
 12909 NE 95th Street
 Vancouver, WA 98682
 Ph: 360.254.0661
 Fax: 360.260.0755
www.tigerstop.com



If you are cutting heavier materials, let TigerStop Heavy Duty accelerate your process. Its linear positioner can be added to new or existing equipment, and the computer controlled accuracy of +/- 0.008" helps produce the perfect part. Its rack and pinion drive handles heavy loads up to 600 pounds and lengths up to 125'. Routine cut lists are easy to run with a touch of a button or you can download cut lists from your computer. Customize your set-up with options to semi-automate or fully automate your operation.

Viking Blast and Wash Systems

3810 North Toben
Wichita, KS 67226
Ph: 316.634.6699
Fax: 316.634.6658
www.vikingcorporation.com



Viking Blast and Wash Systems announces the release of its newest pass through blaster, the RT 1818. The RT 1818 uses roller table style conveyance for structural parts, plate and weldments. Utilizing the VC-9 centered blast wheel Viking can concentrate the blast on a very small work zone as small as 10" by 10". The VC-9 wheel is 9.5" in diameter encased in a fully cast liner package with targetable control cages for optimum efficiency. The lower height, smaller foot print and lower cost allow for automated blasting in applications that were typically batch or hand blasting. Viking also offers customization of the RT 1818 to match customer part requirements.

W.A. Schmidt, Inc.

38 Souderton Pike
Souderton, PA 18964
Ph: 215.523.6719
Fax: 215.721.5890
www.waschmidt.com



W.A. Schmidt's SpaceLoft™ Custom Wide-span Mezzanines helps transform unused overhead space into valuable floor space. Designed to fit around existing columns and

machinery, the SpaceLoft design maximizes usable space by conforming to the characteristics of your facility. Add on to an existing SpaceLoft mezzanine using the nut-and-bolt design. It allows future expandability without extensive re-engineering. SpaceLofts mezzanine can be dismantled and re-assembled for facility moves. Potential applications include parts and inventory storage, production/work platforms, loading docks, mechanical support, office space, and break rooms.