FABRICATION PRODUCTS

products

| Company | Products Offered | Product Description |
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| Advanced Fabricating Machinery www.advancedfab.com 603.642.4906 | Tube/pipe bending equip- ment | Advanced Fabricating Machinery sells and services a select yet diverse group of quality tube and pipe bend- ing machines for every need from job shops up to large projects. |
| | Beam cambering equipment | Advanced Fabricating Machinery provides sophisticated beam bending and cambering solutions, made by Stierli in Switzerland. |
| | Tube/pipe plasma coping and cutting | Advanced Fabricating Machinery sells a unique CNC plasma tube and pipe coping, cutting, and notching machine that features simple programming and nesting of parts. |
| Anchor Lamina, Inc. www.anchorlamina.com 800.652.6462 | Heavy-Duty Drills | Lamina hydraulic drills are powerful and portable. Quick-change heads drill and tap up, down, or sideways from 13/16" to 4". They are reliable and low-maintenance, and meet U.S. and global standards. |
| Behringer Saws, Inc www.behringersaws.com 888.234.7464 | Automatic Bandsawing Sys- tems | Bandsaw machines and material handling systems deliver 50% faster average cutting times for higher pro- ductivity and throughput |
| Bug-O Systems, Inc. www.bugo.com | Uni-Bug III | Makes continuous or intermittent stitch welds. Will mount and run directly on the work piece. Ideal for flat bar, angle, channel, I-beams, and bulb flats. |
| | Beam Bug III | Lightweight, easy to carry machine designed to cut beams, channels, and angles from one rail setting. It pro- duces smooth, square, accurate cuts and virtually eliminates grinding and touch-up. |
| 800.245.3186 | Mini-Vert | Compact battery powered welding travel carriage held to work piece with magnets. Will travel and carry a welding gun in flat or vertical positions producing continuous uniform fillet welds. |
| | Buggy-Vert | Portable, battery powered four-wheel drive welding magnetic travel carriage with torch oscillation for weld- ing in the vertical or horizontal position. |
| Cambco, Inc. www.cambcoinc.com 713.781.9702 | Beam Cambering Machines | Eight models ranging from the 420, which will camber a W30x116, to the 1700, which will camber a W40x397. Conveyor fed versions are available. All models available as complete machines or as "do-it-yourself" kits. |
| | Megabender 030 | Ercolina's patented mandrel system adapts easily to the Rotary Draw Bender Model MegaBender 030 with- out modification to produce high quality bends on tubes and hollow profiles. |
| CMLUSA, Inc. Ercolina www.ercolina-usa.com 563.391.7700 | 050KD Economy Top Bender | NEW MODEL with new easy-to-use programmable control! Ercolina 050KD is ideal for bending pipe, tube, squares, rectangles, solids and other profiles. Hex mount patented tooling system tooling allows rapid changeover |
| | CE35 Angle Roll | Ercolina angle rolls are capable of bending a wide range of profiles and materials to centerline radius as small as four times diameter of the work piece. |
| | GEKA Ironworkers | GEKA offers the widest range of Ironworkers with punch capacities ranging from 60 to 240 tons. It also offers CNC controlled punch positioning tables and plate feeding & shearing systems. |
| COMEQ, Inc. www.comeg.com | ROUNDO Angle & Plate Bending Rolls | ROUNDO offers angle bending rolls with capacities from $2^{\prime\prime} \times 2^{\prime\prime} \times 3/16^{\prime\prime}$ to $10^{\prime\prime} \times 10^{\prime\prime} \times 1^{\prime\prime}$ angle and both 3-roll and 4-roll plate bending rolls with capacities from 16 ga. to 4^{\prime\prime} thickness and lengths from 2' to 30^{\prime} . |
| 410.933.8500 | ROUNDO Beam Bending Rolls | Fully hydraulic models with section modulus capacity to 1,000 in. ³ and capacities ranging up to 44" beam and channel both "hard" and "easy" ways. Also bends pipe, round, square and flat bar. |
| | ADIRA Press Brakes | ADIRA has a wide range of press brakes in both upstroking and downstroking configurations. They offer single, dual and multi-axis CNC/DNC controls and a wide variety of optional accessories. |
| CS Unitec, Inc. www.csunitec.com 800.700.5919 | LKF-450 Multi-Purpose Bevel- ing Machine | Multi-Purpose Beveling Machine bevels, deburrs and chamfers steel, stainless steel, nonferrous metals, brass and plastic. Faster and cleaner than angle grinders, the unit has a fine adjustment feature for the preparation of weld seams. |
| | ECO 50-AK Portable Mag- netic Drill | Lightweight, portable, 2-speed high-performance Magnetic Drill has a hole cutting capacity of 2" dia. and a twist drill capacity of $7_{\rm h}$ " dia. An automatic cooling/lubrication system is built into the arbor. Ideal for structural steel and other metals. |
| | ARMOR-PLATED Unibroach | Annular Cutters Ideal for drilling applications in structural steel and other hard metals. These cutters allow drilling at high operating temperatures with more power and RPM. Available in 1", 2" and 3" depths with diameters from $7/_{16}$ " to 5". |
| | PL50 Air Reciprocating Saw | Pneumatic reciprocating saw for demanding applications, including cutting metal, timber and fiberglass. Accepts either ½" or ¾" hand or machine hacksaw blades with nosepiece change. Rugged construction and built-in lubrication system for long life. |
| Daito USA | Band Saws and Miter Saws, | Band saws and miter saws for industrial and structural steel. Our band saws and miter saws come in a variety of sizes up to $20^{\prime\prime}$ capacity. |
| www.daito-seiki.com 847.437.6788 | Drill Presses | Drills designed for structural steel use. |
| Design Data | SDS/2 | Design Data's SDS/2 is a 3D computer modeling software product designed for the structural steel industry. SDS/2 allows steel detailers, fabricators, engineers and erectors to access the same 3D model from any- where in the world simultaneously. |
| | General Purpose Saws | Cut-off, contour and miter band saws are available for sawing a variety of materials with capacities to 17-in. x 17-in. rectangles. They are an economical solution for low volume operations. |
| DoALL Sawing Products | Vertical Contour Saws | Vertical band saws have a throat depth up to 36 in. and a maximum work height to 20 in. depending on the model. They are for mitering, contour cutting, disk cutting and more. |
| www.doallsawing.com 888 DoALLSAW | Miter Cutting Saws | Available in tilt-frame or swivel head configuations, miter cutting saws feature rectangluar capacities to 26 in. x 39 $\%$ in. with angle cutting capacities to 60°. |
| | Product Power Saws | Horizontal saws for production sawing have automatic operation, numeric control and feature solid, heavy- duty construction. This provides more rigidity and reduces vibration for superior finishes and exceptional accuracy. |
| E.J.E. Industries, Inc. www.steel-net.com/eje 724.228.8841 | Structural Material Manager software system | The system manages material lists by providing weights, surface areas, paint/primer requirements, bolt counts, shipping tickets and estimating reports. Its Nesting Module optimizes cut-lists, and the CAD interface eliminates re-typing |
| ESAB Welding & Cutting Products www.esabna.com 800.ESAB.123 | Coreshield Self-shielding Flux Cored Wires | Combining outstanding strength, superior weld characteristics, high deposition rates, low spatter, easily removable slag and low fume production, Coreshield wires consistently rate the highest welder appeal in their class. |
| | Atom Arc Covered Elec- trodes | The original iron powder low-hydrogen electrode still sets standards for high production radiographic quality welds in mild and low alloy steel with its smooth metal transfer and excellent mechanical properties. |
| | ESAB 653cvcc Power Source | This multi-process, three-phase power source is designed for heavy-duty industrial DC welding applications. Ideal for Mig, flux cored wire, submerged arc and stick electrode welding or carbon arc gouging. |
| | Mobilefeed Wire Feeder | This arc voltage wire feeder for use with DC, CC or CV power supplies features a permanent magnet drive motor and a totally enclosed, impact-resistant case that protects against contaminants |
| FabTrol Systems, Inc www.fabtrol.com 541.485.4719 | FabTrol MRP software | Integrated estimating, drawing management, material management, and production control software for steel fabricators |

products

| Company | Products Offered | Product Description |
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| Faccin USA, Inc. www.faccin.com 813.664.8884 | Universal Section Benders | Start at section modulus 3.5 cubic inches. Complete with universal dies, three roll drive, variable speed, and six axis all-powered guide rolls. |
| | Beam Benders | For largest beams available anywhere in the world. Specific information is available upon request together with details of innovative control systems. |
| | Plate Bending Rolls | Range covers two, three, and four roll machines, all with special features to improve production methods and times. Gauge material up to 8" thick and 1' to 60' long. |
| | Head Forming Equipment | A range of dishing and flanging machines for the production of tank heads of varying sizes. Details available upon request. |
| Ficep Corporation www.ficepcorp.com 410.588.5800 | CNC Plate Processing Sys- tems | The Ficep plate processing systems address the operations of drilling, punching, milling, tapping and coun- tersinking, marking and final part cutting without manual intermediate material handling processes. |
| | CNC Angle Processing Lines | The current Ficep product line of CNC angle fabrication systems comprises 12 different models. Typical operations include punching, drilling, marking, notching on not just angles but also flats and channels. |
| | CNC Drilling Lines | The Ficep lines incorporate drilling and scribing on all surfaces. The scribing capability interfaces with X- Steel for downloading of the scribing data required for fitting from their 3-D model. |
| | CNC Robotic Coping | The Ficep robotic coping systems feature both oxy-fuel and plasma. The full robotic torch motion features full motion even for such tasks as weld prep on the web and flanges. |
| Franklin Manufacturing, Inc. www.fmi-solutions.com 256.332.6654 | Model AFC5108-12FB × 196 Angle Fabricator | Three-axis angle fabricator (6 × 6 × ½–8 × 8 × 1" maximum angle, 12 × 1" flat bar, C12 at 20.7 channel capacity). Triple gag tooling and optional plasma cutting. Punching capacity 100-130 tons. Maximum 1½"-diameter hole. |
| | Model HD-145 × 44 Drill System | CNC three spindle drill system with 300-750 lb/ft conveyor system. High-speed spindles. DVST file compat- ible with Windows XP. Saw integration. Engineered material handling. |
| | Model PF196 × 72G Plasma/ Punch Plate Fabricator | With triple gag tooling and plasma cutting. Optional conveyor and gantry systems. Multi-grade ASTM A36. 60-72 psi maximum shear strength. Maximum tonnage is 196 tons. Maximum hole diameter is 2". 400 amp plasma. Various nesting options. Windows XP. |
| | Heavy-Duty F5-2 Series Hydraulic Punch Presses and Power Units | Sixteen standard web/flange models from 30-275 tons, eight standard models from 30-100 tons. With cou- pling nuts, wrenches, and handlebars. Hardened replacement die pockets. |
| | Portable Mag Drills | Lightweight and easy to use on the job site. Fifteen models make holes from 7/16" to 3-1/16" diameter and up to 3" deep. |
| Hougen Manufacturing, Inc. www.hougen.com 810.635.7111 | Rotabroach Annular Cutters | Require less horsepower, last longer, and drill cleaner holes than conventional methods. Available in diameters from $^{7}/_{16}''$ to 4", and up to 6" depth of cut. |
| | Sheet Metal Hole Cutters | Two series of sheet metal hole cutters make clean, burr-free holes in sheet metal and thin materials. Heat treated, precision ground geometry makes them last longer than hole saws. |
| | Punch-Pro Portable Electro- Hydraulic Hole Punchers | Completely self-contained. No external hoses or hydraulic pumps to carry. Plug into any 120v outlet and punch holes in seconds. |
| Jesse Engineering Company JesseEngineering.com | Pipe Benders | Simple and rugged hydraulic pipe benders for pipe fabrication from 2" to 10" pipe. Heavy duty roller bed style pipe cutting machine for cut to length, bevel, and Y, T and K joints in 2" to 36" |
| 253.922.7433 | Pipe Saddle and Hole Cutters | pipe. The JLG SkyWelder for boom lifts consists of a 7,500 watt generator installed in the engine compartment |
| | SkyWelder | with leads running through the boom to the platform where a 280-AMP Miller is installed. JLG Ultra Boom Lifts have platform heights ranging from 120-ft. to 135-ft. They have 1,000 lb. restricted |
| JLG Industries, Inc www.jlg.com | Ultra Boom Lifts | platform capacity, 500 lb. unrestricted capacity and the largest work envelope in the industry. |
| 877.JLG.Lift | JLG Scissor Lifts | JLG rough terrain scissor lifts feature standard 4-wheel drive, proportional lift up and lift down and a 4-ft. manual extension deck as standard equipment. Maximum capacities are up to 2,250 lb. |
| | JLG Telehandlers | JLG telehandlers have lifting capacities up to 12,000 lb. and lifting height to 55 ft. There are four brands each with unique features. They include JLG, SkyTrak, Lull and Gradall. |
| Mazak Optonics Corporation www.mazaklaser.com 847.252.4500 | FabriGear | Automatically loads, feeds, lasercuts, and unloads round and rectangular pipe as well as I-beam and other structural shapes. Can handle pipe up to 11.8" in diameter and over 49' long. |
| | SpaceGear | Triple-mode laser. Fabricates sheetmetal and plate up to 7/8" thick. Cuts pre-formed parts—stamped, hydroformed, and spun. Processes round and rectangular pipe as well as I-beam and other structural shapes. |
| | HyperGear | Processes up to 1" mild steel using patented intelligent features designed to automatically provide optimum setup, maintenance notification, and fastest cutting speeds for every material type and thickness—all with- out operator intervention. |
| | SG-U44 | Compact triple-mode production laser. Performs high-speed 2D processing of sheet metal and plate up to $\frac{7}{6}$ " thick, 3D cutting of pre-formed parts and 3D-rotary cutting of tube, pipe, and structural. |
| MG Systems & Welding, Inc. www.mg-systems-welding.com 262.255.5520 | TMC4500ST | The TMC4500ST is a heavy duty gantry contour plate cutting machine built in widths up to 28 feet to sup- port virtually any combination of processes, including multiple plasmas and bevel cutting, oxyfuel, markers, drills and more for use in the rigorous environment of fabrication shops and service centers. |
| | Titan II | The Titan II is a gantry contour plate cutting machine built in widths up to 14 feet to support many pro- cesses, including multiple plasmas and bevel cutting, oxyfuel, markers, drills and more for use in the rigorous environment of fabrication shops and service centers. |
| | MetalMaster PLUS | The MetalMaster Plus is a unitized table and gantry cutting machine that uses Precision Plasma processes up to 260 amps to produce high quality parts for fabricators. Machine motion accuracy is an exceptional +/- 0.002" over any 72" x 72" area. Cutting areas up to 8 feet wide and 30 feet long are available. |
| | Skew Rotator ∞ (Infinity) | The Skew Rotator ∞ (Infinity) provides contour bevel cutting with many plasma systems. Infinite rotation yields bevel and land edge configurations for weld edge preparation and other applications without a secondary operation for increased plate processing productivity. |
| Mobilis Systems Inc. www.smsteel.com 866.618.3878 | Mobilis Modular Software Suite for Steel Fabricators | Software suite covering estimating, nesting, production follow-up, shipping, material management and job costing. Modules can be implemented at your own pace, as your needs evolve, to step toward greater profitability |

FABRICATION PRODUCTS

products

| Company | Products Offered | Product Description |
|---|---|--|
| Multiquip inc www.multiquip.com 800.421.1244 | DLW-300ES welder/generator | A midsize 300-amp welder/10kW generator with a 100 percent duty cycle at 280 amps. The arc force dial lets the operator fine tune the arc to the desired quality. |
| | Moonlight balloon lights | Portable lighting systems that emit glare-free 360-degree white light up to 100 feet from the light source. The balloons don't require a fan to maintain inflation |
| | GA Series generators | Outputs from 2.5 to 9.7 kW and they power a wide variety of jobsite tools. Each utilizes 100 percent copper windings and brushless alternator designs for superior voltage regulation |
| Ocean Machinery www.oceanmachinery.com 800.286.3624 | One Stop Shopping for Struc- tural Fabricating Machinery | Major importer and distributor of steel fabricating machinery, including CNC beam lines, press brakes, iron- workers, plasma cutters, waterjets, hydraulic punches, etc. |
| | Ocean Avenger CNC Beam Drill Line | Processes all steel profiles, including beams, channel, angle, tube, pipe, and plates. It drills the heaviest/ thickest steel profiles, eliminates manual layout of holes and marks, and drills holes at over 200 holes per hour. |
| | Ocean Liberator CNC Beam Coping Machine | Cuts and copes all steel profiles, including, beams, channel, tube, angle, plate, etc. Up to 44" beams, 6" thickness. |
| | Ocean Terminator Dual Col- umn Dual Miter Band Saw | The terminator band saws are designed to cut structural steel profiles up to 42". They feature dual column construction and miter cutting both ways, with large 2" saw blades, ensuring fast accurate cutting. |
| Peddinghaus Corporation www.peddinghaus.com 815.937.3800 | Structural Drilling Machines | Peddinghaus is the leading manufacturer of structural drills with over 1,600 installations—suitable for any sized fabricator. Machines are available with capacities in 50", 40", and 30" in both multi-spindle and single spindle design. |
| | Plate Processing Systems | Peddinghaus has introduced the new "Powerhaus" high-speed plate processing system to its' established line of automated plate and flat stock systems. With capacities up to 96" wide; up to 3" thick and incorporating technologies of punching, drilling, thermal cutting, and carbide marking, manual labor is reduced by 80%. Also available is countersinking, tapping, and similar machine functions. |
| | Anglemaster Machines | Peddinghaus maintains three distinct machines, which process angle iron and flat stock/plate. With capacity of 8 x 8 x $\frac{3}{4}$ " angle and 12 x 1" plate, these versatile punching and shearing machines maintain productivity to meet any job deadline. |
| | Band Saws | Peddinghaus introduced "speed sawing technology" and carries a patent on the new DGP miter cutting band saw, which saves steel by eliminating remnants. The patented "pivot from above" design miters at 60 degrees right and left in seconds. Six models of miter and 90 degree saws are available. |
| | CPO 315 RFA Automatic Cold Saw | CPO 315 Roller Feed Automatic Cold Saw is a fully automatic cold saw that provides uninterrupted cutting on tubing, solids, and extrusions and supplies the highest quality of cuts |
| Scotchman Industries, Inc. www.scotchman.com | DO 150 Hydraulic Ironworker | DO 150/240-24M has 150-ton punch capacity (1½" in 1¼"), four built-in stations: $6" \times 6" \times 12"$ angle shear, $3" \times 5\%" \times 12"$ rectangular notcher, and $1" \times 14"$, $3" \times 24"$ low rake angle flat bar shear |
| 605.859.2542 | CPO 350 PKPD Cold Saw with the Scotchman Advanced Feed System | Scotchman Advanced Feed System allows companies to increase productivity, decrease set-up time, reduce operator error and eliminate waste. Coupled with a Scotchman circular cold saw, it turns your semi-automatic machine into a fully automated production machine |
| | Scotchman Advanced Mea- suring Systems | Solve all your gauging problems with state of the art Loc - Stop Systems from Scotchman. Replace your existing old style measuring systems and realize greater efficiency, higher production and lower business cost |
| Simonds International www.simondsinternational.com 800.343.1616 | Bandsaw Blades | Professional grade carbide-tipped, bi-metal and carbon bandsaw blades enhance faster cutting and increased production through the toughest materials |
| SteelCad Consulting Corp. www.steelcad.com 800.456.7875 | SteelCad | SteelCad offers a variety of steel detailing modules, starting at the basic Structural package which offers Beams, Columns and Bracing along with built in connection design, to the Fabricator Package which offers CNC and Production Control capability. You are free to build a package that is right for you at a price you can afford. |
| Steelware, Inc. www.steelware.com 864.294.1206 | Steelware Version 4 Steel Detailing Software | Steelware is full featured detailing software, which covers all aspects of steel detailing. Not only does it do very well with stairs and rails, it also has very good structural content. |
| StrucSoft Ltd. www.strucsoftsolutions.com 877.810.7575 | ProSteel 3D | Intelligent steel modeling within AutoCAD offers connection design capability and interface to popular analysis applications & CNC machines such as Peddinghaus, Controlled Automation, Ocean Machinery and Vernon Tools. |
| | Concrete Anchors and Shear Connectors | Headed weld studs are available in low carbon or stainless steel. Ranging in diameters from ¼" to 1" diameter. Used in composite construction and embedment plates in reinforced concrete. Conforms to AWS, AISC and AASHTO specifications |
| Tru-Weld www.truweldstudwelding.com | Deformed Bar | Deformed Bar Anchors are available in mild and stainless steel. Ranging in diameters from 3/8" to $\frac{3}{4}$ diameter with lengths up to 60" configured straight or bent. |
| 800.321.5588 | Threaded Studs | Fully threaded, Partially threaded, and collar studs are available in low carbon plain finish, copper plated, zinc plated, nickel plated, and stainless steel |
| | Stud Welding Equipment | Stud welding machines and accessories. New and used equipment along with a large rental fleet. Parts and service for all brands of stud welding equipment |
| Vernon Tool Company www.vernontool.com 760.433.5860 | Pipe Cutting Machines | An oxy-fuel and plasma cutting machine for 2"-84" OD diameter structural members. |
| | MasterTube Plasma Profiler | Cutting machine for 1"-6" round and rectangular structural tubing for ornamental and miscellaneous steel construction. |
| Voortman Corporation www.voortmancorp.com 815.935.3010 | CNC Drilling Lines | Many different models to choose from. Up to 50" wide with rollerfeed measuring. High speed spindles up to 2500 rpm. System can be run without operator intervention. |
| | CNC Band Saws | Many models up to 50" wide with mitering up to 60 deg. Stand alone systems or in combination with drills. Saw measuring systems that can be driven by DSTV to provide a paperless cutting list. |
| | CNC Plate Processing | The V200 plate drill, V250 plate duplicator, V500 plate punching and shearing system and the extremely succesful V550 plate and angle punching and shearing system. Miter shear capability with autoload and unload. Fully DSTV compatible and can run without operator intervention. |
| | CNC Angle Processing | V505 system run angle up to 8" x 8" and flats up to 8". Triple tool , piece marking with a roller feed measuring system |
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