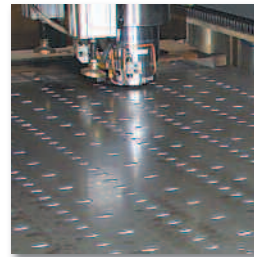
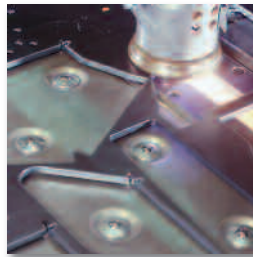




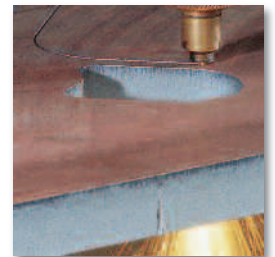
## Helping Fabricators Build Canada



Plasma-Punch Fabricating • Portable Hydraulic Punching • Plate Rolling • Angle Rolling



Punching • Sawing • Bending • Shearing • Notching • Drilling • Laser Cutting



**PIRANHA • BERTSCH • WHITNEY • OCEAN • JAESPA**  
**ZOPF • ARBOGA • JANCY • ALMI • VANGUARD**

# PIRANHA



**piranha**  
IRONWORKERS • PRESS BRAKES • SHEARS • TOOLING

## *Ironworkers • Press Brakes • Shears • Tooling*

### **Piranha Single Operator Ironworkers** *From 40 to 120 tons*

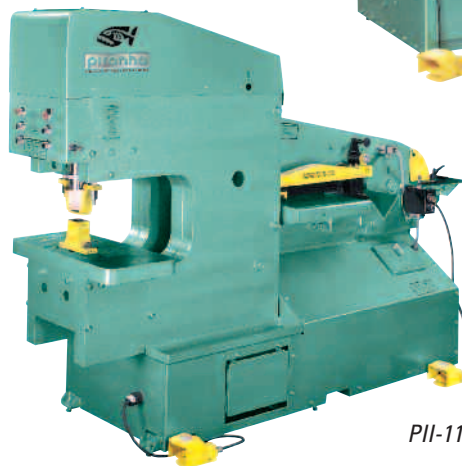
- Punch holes in less time with industry leading cycle times.
- Less part distortion, faster cycle times and no need for stripper height adjustment with Piranha's Urethane Stripping.
- Burr-free cuts and clean notches with our Integrated Notching Station.
- Switch from punching to bending in less than one minute with Quick-Change Tooling.
- Eliminate time-consuming adjustments between shear cuts using the Automatic Urethane Hold-Downs.
- Convenient work height provides ergonomic work stations designed for clear visibility, comfort, efficiency and productivity.



*P-50 Ironworker*



*P-120 Ironworker*



*P11-110 Ironworker*

### **Piranha Dual Operator Ironworkers** *From 35 to 140 tons*

- Punching and notching can be performed simultaneously.
- Unlimited range of optional equipment and special tooling with the large, open punch station.
- Optional bending attachments up to 48" for long bending capability.
- Punch station and shear/coper station have Dual Operator Controls.



*Urethane strippers dramatically reduce part distortion, and also minimize the stroke length. This, plus more horsepower per ton, is why Piranha machines punch faster than the competition.*



*Piranha's dovetail slide makes changeover from punching to bending fast and easy.*



*The P-50's unique automatic urethane hold-downs keep flat stock and sheet metal from distorting. There is no need for time-consuming adjustments between cuts.*



*A clear sight line, and low rake angle notcher allow easy notching and coping of all materials—fully removing the fillet on angle iron in one stroke.*

## Piranha Single End Punch Presses

The Piranha Single End Punch Press (SEPP) Series has capacities ranging from 35 to 140 tons.



## Piranha Press Brakes

*From 25 to 400 tons*

### Piranha Single-Cylinder Press Brakes

provide three distinct benefits over other press brake designs:

- Repeatable bends provided with the full tonnage feature used at any point across the ram and bed.
- Prevent side movement during off-center loading with our Fully Gibbed Ram.
- Eliminate the effects of worn components and promote long term repeatability using Piranha's Preloaded Ram System.

The Single-Cylinder design of press brakes is suited for applications that require maximum tonnage anywhere on the bed.



## Piranha Shears

*From 1/4 x 10' to 1/2 x 12'*

- Constant parallel alignment of beam throughout shearing movement achieved with the Single Cylinder Linkage System.
- Increase rigidity, shearing accuracy and blade life as the extra-long, hardened ways guide the ram laterally and front-to-back at all times while shearing.
- Shearing accuracy in all metal thicknesses are improved due to the straight line shearing action.
- Achieve maximum blade life as the upper blade moves parallel to the lower blade.



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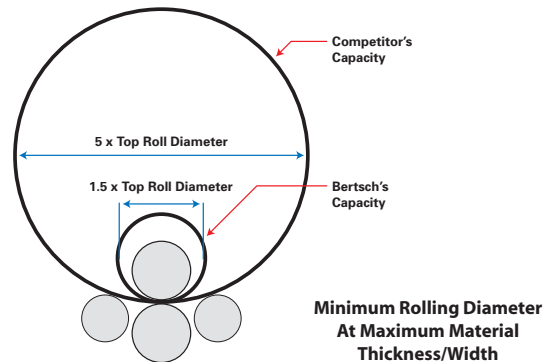
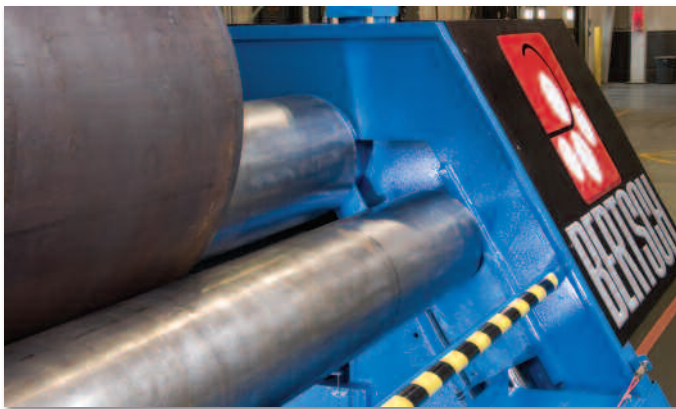


# BERTSCH

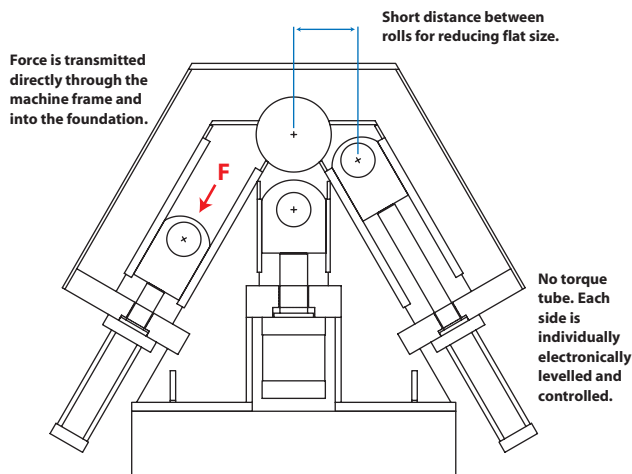


## Plate Rolls • Angle Rolls

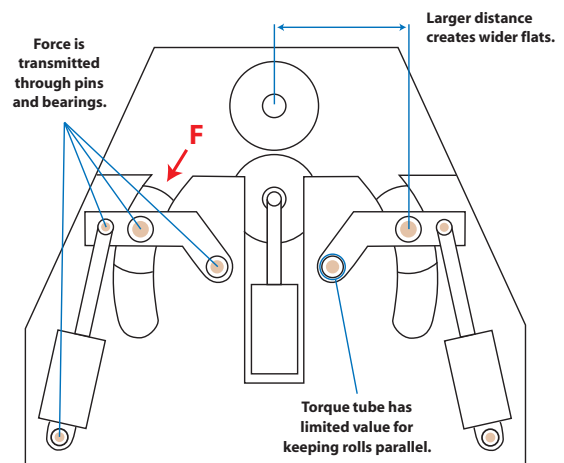
- Longer service life, consistent rolled parts and low maintenance with Bertsch's Rectilinear Guide design.
- Bertsch Rolls can be compensated on both ends of the bottom rolls – competitors only allow compensation on one side.
- 100% pre-bend to the machine's rolling capacity.
- Bertsch rates its machines at smaller diameters and higher yield strengths than competitive machines.



### Rectilinear Guides (Bertsch Design)



### Planetary Swing Guides (Competitor's Design)





## Bertsch Hydraulic Angle Rolls

The Bertsch Double Pinch design reduces end flats to a minimum. The top roll is in a fixed position, while the two lower rolls have independent hydraulic adjustments. This design provides ease of operator control as well as more uniform rolling results.

The Bertsch Angle Roll can be designed to work equally well in the vertical or horizontal position.



**Bertsch Large Custom  
Rolls—Power and  
Precision up to 14" Thick**



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# WHITNEY

**Whitney**  
The Leader in Plate  
Technology

## ***Plasma-Punch Combination Machines • Plasma Tables • Portable Presses PlateLASERs • Tooling***

**Combination machines use the fastest technologies to make parts – Punching and Plasma Cutting.**

- Punched holes provide accurate internal features.
- Advanced plasma-cutting technology provides highly productive contouring (much faster than laser) with high quality.
- Additional features such as forming (counter-sinks, tread plate, louvers), drilling and tapping can be added to eliminate additional downstream operations, allowing parts to be completed in a single operation.
- More productive than either stand-alone laser or stand-alone plasma.
- Parts produced from combination machines cost significantly less than other processes.



### **3400 XP**

- 40 Tons Punching Force
- 1/2" / 12.7mm Capacity

### **3700 SST**

- 55 Tons Punching Force
- 3/4" / 19mm Capacity

### **4400 MAX**

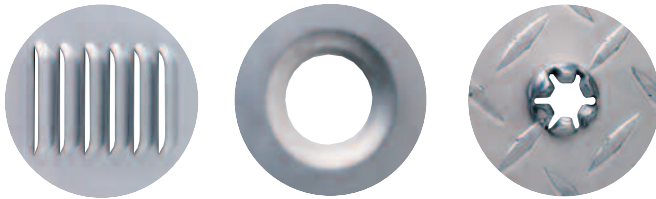
- 100 Tons Punching Force
- 1" / 25mm Capacity



## Whitney Single End Punch Presses

The **Whitney 1524** provides precision punching using a simple CNC control.

- Flexible 28XX tooling system
- Accurate parts
- Canned cycles for bolt holes, line and angle, slot nibbles, window cuts, arcs, circles and grid patterns
- Ability to use forming tools such as louvers, countersinks and knockouts



## Whitney Portable Hydraulic Presses

Portable Presses are versatile...available in flange and web models.

### Whitney Presses Feature:

- High pressure hydraulics – 5000 P.S.I.
- Double acting hydraulics
- Rugged cast steel frame construction
- Quick easy tool change
- Take presses to the work site
- Complete punch cycle control
- Clean punched holes
- Lowest cost method of punching per hole



## Whitney PlateLASER

Laser cut plate with more power, speed and productivity than any laser cutting equipment today with the PlateLASER Laser Cutting Systems. Each PlateLASER System laser cuts thick plate and thin material, doing the work of two machines. Whitney's PlateLASER delivers the flexibility you want:

- High Speed
- Heavy cutting
- Small holes
- Oxide free edges
- Thin material
- And more...



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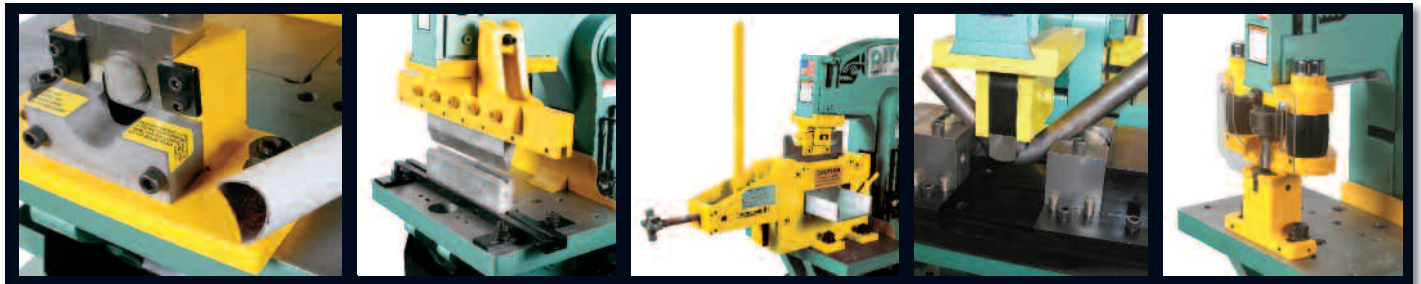
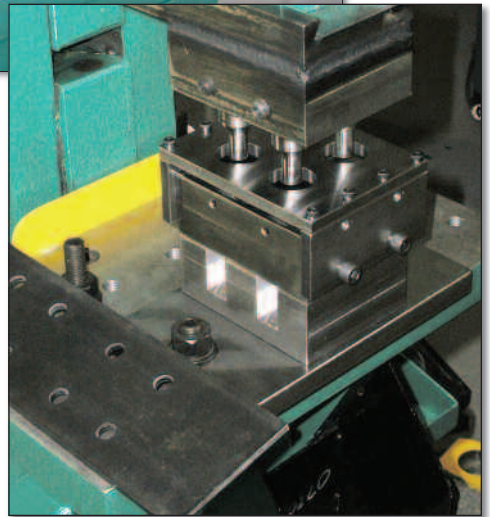
# PIRANHA



**piranha**  
IRONWORKERS • PRESS BRAKES • SHEARS • TOOLING

## *Genuine Piranha Tooling for All Major Ironworker Brands*

- Tooling available for all major ironworker brands
- Standard sizes of ironworker tooling are in stock and available for same-day shipment
- Custom tooling and accessories for unique applications





# WHITNEY

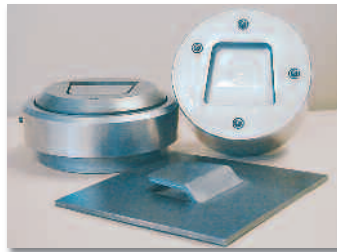
**Whitney**  
The Leader in Plate  
Technology

## Genuine Whitney Tooling — 28XX • 36TC • 44TC

- Quick Change Tooling originated by Whitney - 28XX
- Full bodied and insert style tooling available in the 36TC and 44TC tooling lines
- Standard or special orientations available

### TuffSkin Premium Tooling

- Achieve extended tooling wear – up to 10 times that of a standard punch in shave punches used for vertical holes in thick materials – with minimum breakout
- Punch holes smaller than material thickness – even in high strength steels
- Withstand wear from heavy punching applications such as perforating
- Prevent galling – surface stays clean
- Punch up to three or more times more holes than with a standard tool in normal applications



### SlugMagic

- Prevent slug pulling in standard punching applications
- Available in rounds and shapes

### High Quality Parts

- Parts produced in a single operation on a Whitney plasma-punch machine
- Create features such as countersinks, louvers, treadplate, dimples, beads, and part markings with Whitney punches and dies

## Press Brake Tooling from IJS

*Variety of standard tooling for press brakes and shears available.*



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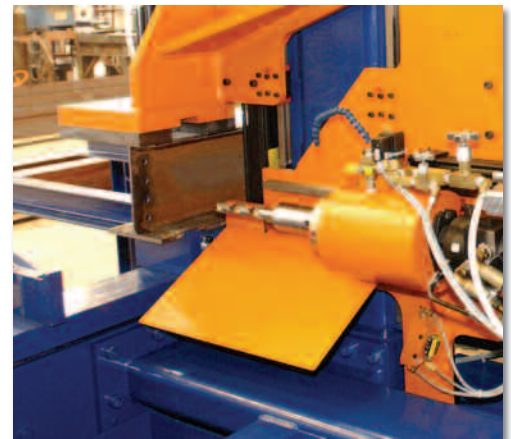
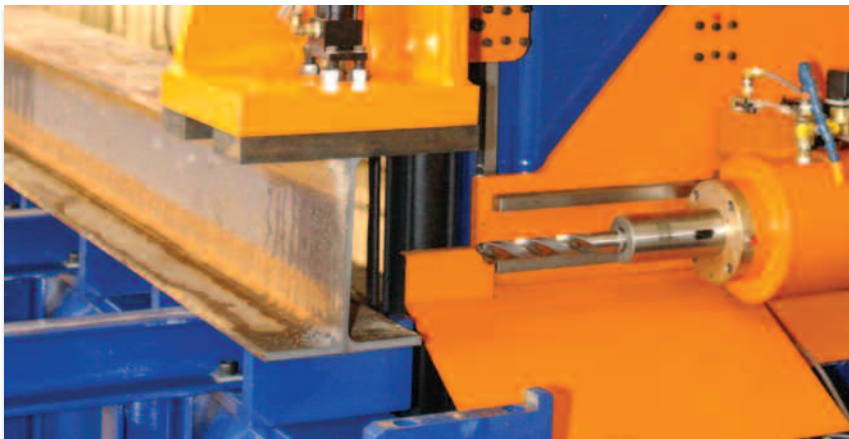
# OCEAN



***Drill Lines • CNC Angle Lines • Band Saws***

## **Ocean Avenger Beam Drill Line**

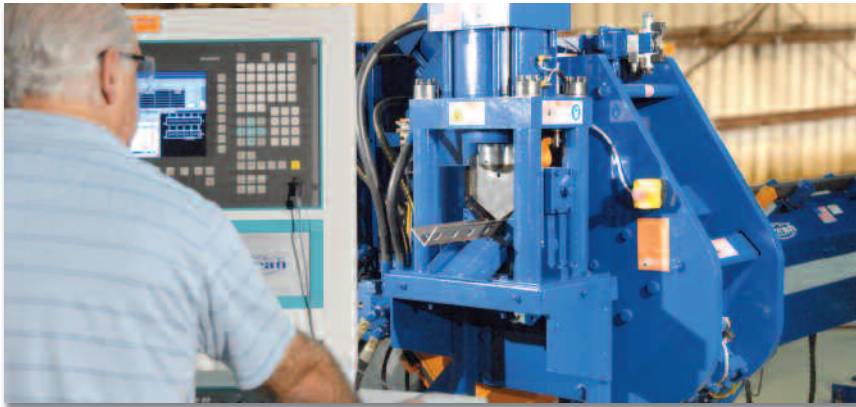
- Reduced Footprint
- Space Efficient
- Exceptional Accuracy X-Axis and Y-Axis
- Robust and Accurate Referencing System
- Robust Hydraulic Clamp
- Strong Industrial Drill Motors
- Dual Coolant System
- Through-the-tool-coolant drills
- Superior Web Center Line Probe





## Ocean Clipper CNC Angle Line

- Capable of processing angles from as small as 1-1/2 x 1-1/2 x 1/8" all the way up to 6 x 6 x 5/8"
- Able to process short clip angles, as well as long bracing angles
- Eliminates manual layout and manual drilling/punching
- Provides exceptional accuracy of hole placement, eliminating costly field modifications
- Easy installation by Fabricator
- Space efficient – no bigger than most ironworkers



---

## Ocean Terminator Band Saws for Structural Steel

- Cut any size profile, any size any shape, any weight, any time
- No longer have to wait for your steel service center to cut your beams to length
- Get your steel faster and start fabricating sooner, reducing your overtime wages
- Eliminate costly flame cutting of larger profiles
- Eliminate costly hand grinding of flame-cut ends
- For larger jobs, buy steel directly from the mill at reduced cost per pound and save as much as 20% on your raw material costs
- Convert your drops into finished product



### Ocean Terminator is available in two models:

- Terminator 20/30 Band Saw for profiles up to 20" tall and 30" wide
- Terminator 18/42 Band Saw for profiles up to 18" tall and 42" wide



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## German Engineered Band Saws for all Your Cutting Needs

### Bandsaws

Horizontal-Bandsaws for mitre cuts to one or both sides, manual and semi-automatic

#### Concept 240 GT

- Double Mitre 45 degrees L/30 degrees R
- Quick Clamping Vice
- 2 Speed Motor
- Fully Automatic GTA Available



Concept 240 GT

#### Concept 260 GT

- Double Mitre 45 degrees L/30 degrees R
- Quick Clamping Vice
- 2 Speed Motor



Concept 260 GT

#### Concept 320 G

- Semi-Automatic
- Single Mitre to 30 degrees R
- Blade Deflection Monitor



Concept 320 G

### Automatic Bandsaws

Heavy-duty, 2-columns NC controlled, fully automatic production saws with parallel downfeed provide long-term reliability and accuracy. Multiple sizes available.

Compact 2



Compact 4



# ZOPF

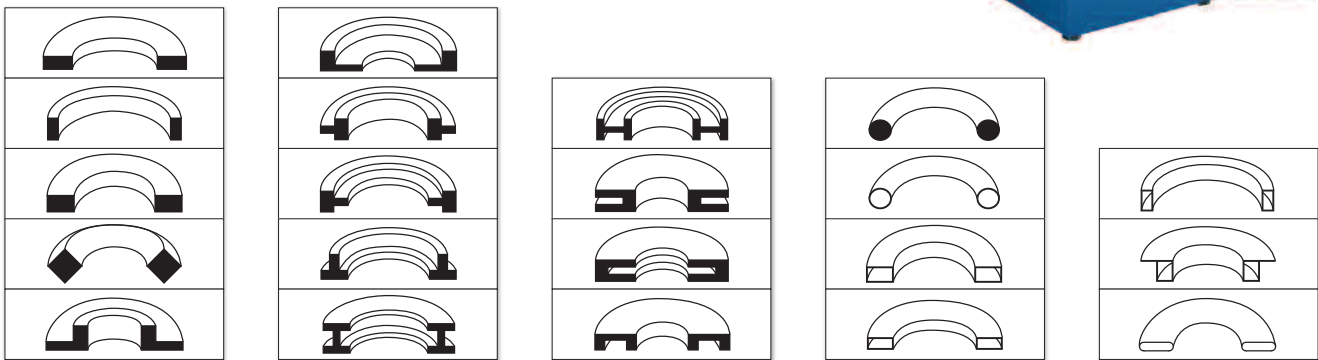
# ZOPF

## Bending is Our Force

For 30 years, ZOPF GmbH, located in Haldenwang, Germany has offered bending machines from proven conventional models to designs with digital displays, hydraulic advance, and NC and CNC controls.

- Models From 3/4 x 3/4 to 3 x 3
- Digital Readouts for roll position
- Hydraulic Roll Adjustment
- CNC Controls

ZB 100H



# ARBOGA

# ARBOGA

## Column Drilling Machines—High-End Quality Made in Sweden

Arboga, established in 1932, produces high quality drilling and grinding machines. The company became known as the specialist for easily manageable machines for the service industry, and its universal drilling and milling machine. Arboga's line of column drilling machines is sold worldwide.

### Standard Features

- 8 Speed Gear Box – Helical Gears combined with steel gears against reinforced fibre gears ensures higher operating efficiency, a more powerful drive mechanism and smooth operation.
- T-Slot Table – Rigid table of high quality cast iron complete with T-slots and coolant channel is mounted on a rigid arm and is rotatable 360 degrees around the column.
- Power feed is available on all models for increased productivity.



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# JANCY

JANCY  
ENGINEERING INC.

## ***Magnetic Drills • Annular Cutters***



### **Magforce**

The name says power, and this little drill delivers just that.



### **Slugger 2 x 2**

The 2x2 is the smallest Slugger drill that delivers a 2-inch cut through 2 full inches of carbon steel.



### **Slugger 4 x 4**

The powerful 4x4 is fully capable of cutting a 4" diameter hole through 3" of steel.



### **USA5**

The workhorse USA5 packs some big capabilities for a drill that stands just 23-3/4" tall and weighs in at 51 lbs.



### **JM101**

The JM101 has been a durable, proven performer with positive slug ejection.



### **JM901**

The perfect solution for applications where many holes need to be drilled and worker fatigue is an issue. The JM901, with a two-speed motor, cuts holes up to 1-9/16" in diameter and 2" deep.



# ALMI



## Pipe Notchers

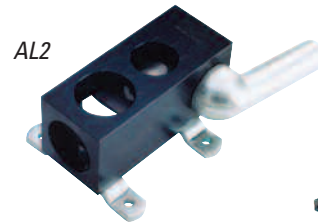
### Pipe Notchers – Mechanical

- Efficient, manually operated and electrically driven machines for notching gas pipe, steam pipes, stainless steel and most other types of pipe.
- Wherever pipes need to be welded together at an angle of 90 degrees, Almi machines ensure that the correct slot is cut very quickly and accurately.

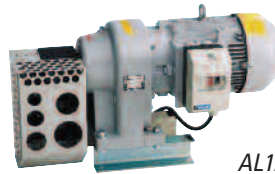
### Pipe Notchers – Universal

- Grinder notcher allows the operator to grind any diameter to any size of pipe or other material accurately and efficiently.
- Useful to ship builders, railing manufacturers and any other applications requiring repeatable joints at any angle.

**Almi Pipe Notchers manually operated and electrically driven**



AL2



AL12E



AL150



# VANGUARD



## Welding Positioners

Vanguard Machinery's line of welding equipment is designed to work together to make welding and fabrication operations simpler, easier and more efficient.

- Controls on all the manipulators are designed to be integrated with the controls for the turning rolls and positioners.
- Positioners are constructed for stability and long service life.
- Control units are equipped at the factory to integrate with Vanguard's manipulators for the creation of automatic welding centers.



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**ZOPF**

**ARBOGA**

**JANCY**

**ALMI**

**VANGUARD**

*Ian Jones Sales Company (IJS), is a wholly owned subsidiary of MegaFab, offering sales, service, parts and tooling to the Canadian metal fabrication market for all MegaFab brands, along with several other leading fabricating equipment manufacturers. As a master importer for Canada, IJS provides multiple distribution capabilities for all its product lines.*

*Located in Ontario, Canada, IJS has grown substantially over their 28 year history. It has always been our purpose to provide customers the best value in fabrication machinery along with service and punctuality as top priority. With this philosophy, IJS is proud to have a widespread customer base and an outstanding reputation in the industry.*

*IJS offers the Canadian metal fabricator the finest machinery, tooling and parts at competitive prices. Through a series of direct technical specialists and a network of local dealers, IJS products are available coast to coast.*

*IJS is certified to perform CSA 142 upgrades.*



**Helping Fabricators Build Canada**

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