



Alro Steel

Metals • Industrial Supplies • Plastics

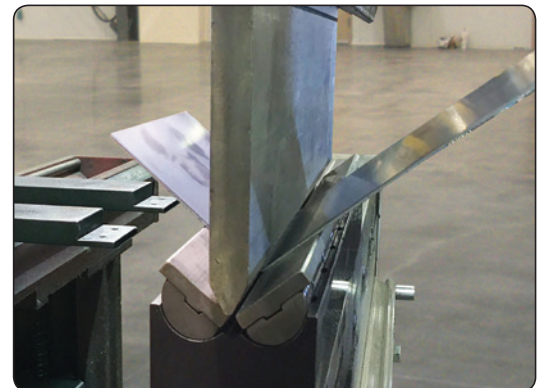
Press Brake Forming

With multiple machines of varying capabilities, Alro Steel is uniquely qualified to cut and form your custom parts. Along with standard formed shapes, Alro is capable of producing more complex parts such as:

- 3- and 4-sided pans
- Multiple profile parts
- Overbending of a variety of thickness
- Multiple hit "step brake/rolled parts"

Alro continually invests in new technology and updating their machines to provide the highest quality parts with the following advantages:

- Use of precision ground and high-quality finish tooling for accurate repeatability
- Sophisticated interactive programming software
- 6-axis back-gauge with independent finger movement for complex geometry
- Use of static surface tooling:
 - Minimizes witness marks on parts
 - Minimal to no distortion of holes and cut-outs near bend lines
 - Smaller leg lengths
 - Consistency on tapered legs



With use of static surface tooling technology, minimal to no distortion of holes near bend lines is achievable along with creating smaller leg lengths than ever before.



Possessing a 20 ft. press allows us to service a wide spectrum of the forming market.

Maximum Bend Length	Material Capabilities				Tolerance on Bend	Tolerance on Leg
	Carbon	Stainless	Aluminum	Red Metals		
Up to 20 ft. *Depending on material thickness	20 ga up to 5/8" thk	20 ga up to 5/8" thk	20 ga up to 5/8" thk	20 ga up to 5/8" thk	+/- 1 Degree	20 ga - 5/16" = 1/16" overall 3/8" - 1/2" = 1/8" overall

This chart is a guideline only. For more specific information please contact your Alro representative.

Alro has a fully integrated CAD Department to handle most file types:

Preferred Files: .dxf .dwg .sldprt .prt

Also Accepted:

.iges .asm .dft .par .psm .pwd .step .X_B .X_T .sat model .iam .stp .ipt .dgn .sldasm .stl

Your One Stop Shop for Metals, Industrial Supplies & Plastics

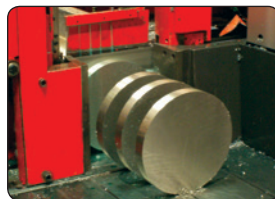
About Alro

Integrity. Loyalty. Honesty. These principals have guided Alro Steel since our founding in 1948 by brothers, Al and Robert Glick. From a small garage in Jackson, Michigan, Alro Steel has grown to over 65 locations in 12 states. Alro distributes metals, industrial supplies and plastics. A wide variety of processing services are available including cut-to-size metals and plastics with next day delivery to over 25,000 customers in North America.

Focused on exceeding our customers' expectations, we build relationships with all our customers, large and small. To learn more, visit alro.com.



Processing Services



Saw Cutting



Precision Plate Sawing



Tube Cutting & Chamfering



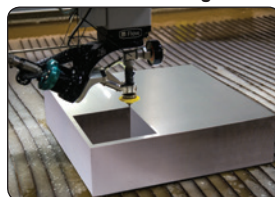
Plasma Cutting



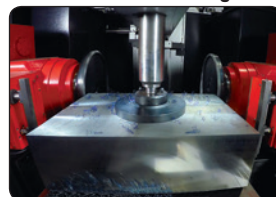
Plate Laser Cutting



6-Axis Laser Cutting



Waterjet Cutting



Precision Milling



Shearing

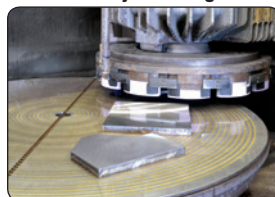


Plate Grinding



Thermal Processing



Plastic Processing

Metals

	Bar	Pipe Tube	Plate Sheet	Structural	Grating Exp. Metal
Alloy	●	●	●		●
Aluminum	●	●		●	●
Brass	●		●		
Bronze	●	●			
Carbon Steel	●	●	●	●	●
Cast Iron	●		●		
Copper	●	●	●		
Stainless	●	●	●	●	●
Tool Steel	●		●		

Industrial Supplies

Abrasives	Gaging	Material Handling
Brushes	Grinding	MRO Supplies
Coolant	Hand Tools	Sanding
Cutting Tools	Machinery	Tool Holding
Die Supplies	Maintenance	Work Holding

Plastics

ABS	Nylon	PTFE
Acetal	Nyloil®	Starboard®
Acrylic	PEEK	TIVAR®
Delrin®	Phenolics	Tuffak®
Extren®	Plexiglas®	UHMW
Fiberglass	Polycarbonate	Urethane
Grating	Polypropylene	Vivak®

Note: The symbols ® & ™ indicate a registered trade name.

Alro Metals Outlet

Alro Metals Outlet locations stock a broad range of metals and plastics in a convenient retail setting. Metals Outlet specializes in small to large orders, perfect for machine shops, do-it-yourself (DIY) and maintenance departments.

