

# Press Brake Forming



## HIGHLIGHTS

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



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



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.

## CAPABILITIES

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



**Alro Steel**  
**Metals & Plastics**

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# Alro Locations



● **Metals**   ● **Plastics**   ● **Outlet Stores**

## Over 80 Locations in 16 States!

- |          |                |              |
|----------|----------------|--------------|
| Florida  | Michigan       | Pennsylvania |
| Illinois | Missouri       | Tennessee    |
| Indiana  | New York       | Virginia     |
| Iowa     | North Carolina | Wisconsin    |
| Kentucky | Ohio           |              |
| Maryland | Oklahoma       |              |



Pictured, the Alro Steel facility in Pottsville, Michigan



Alro Steel was founded in 1948 by brothers Al and Robert Glick in Jackson, Michigan. The company is a distributor of metals and plastics. Alro is focused on offering cut-to-size metals and plastics with next day delivery to over 50,000 customers in North America. Alro operates over 80 locations in 16 states and provides a broad inventory of products under the following companies: Alro Steel, Alro Metals, Alro Metals Outlet, and Alro Plastics. Focused on exceeding our customers' expectations, we build relationships with all our customers, large and small. [To learn more, please visit alro.com.](http://alro.com)

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

## e-Business Solutions

- Alro Online Store ([MyAlro.com](http://MyAlro.com))
- Customized Summary Billing
- Tool Management Solutions
- B2B Transactions

Ask your Alro Representative for details!

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# Alro Steel

## Metals & Plastics

Since 1948

