

Plasma Cutting



Our Plasma Cutting Systems provide tighter tolerances, minimize machining on finished parts and provide greater part accuracy than standard flame cutting. Plasma has a smaller heat affected zone and reduced edge cracking when forming. PC-based control technology increases control in shape cutting. Advantages include:

- High quality edge cuts
- Minimal clean-up
- Small heat affected zone
- Etching and beveling capabilities
- Forming as a potential secondary process

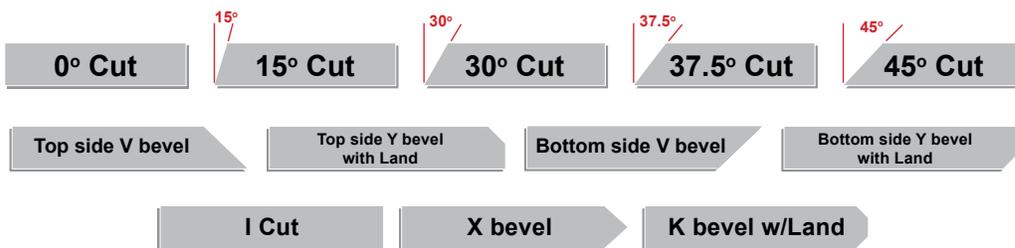


Video available online

CAPABILITIES

Maximum Plate Sizes	Carbon Sizes	Stainless & Aluminum	Material Tolerances	Bevel Tolerances	I.D. Sizes
120" x 480"	12 Gauge up to 1-1/2" thk	3/16" thick up to 6" thick	Carbon: 1/8" overall Stainless & Aluminum: 1/8" (up to 1" thick) 1/4" (>1" to 2" thick) 3/8" (>2" to 4" thick) 1/2" (>4" to 6" thick)	+/- 2 degrees 45 degrees from vertical	3/16" minimum Equal to plate thickness or better on Carbon up to 1" All other materials depend on thickness and material type

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 file types: .dxf .dwg

Also Accepted:

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



Alro Steel
Metals & Plastics

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America's Premier Metals & Plastics Service Center



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)
 - Customized Summary Billing
 - Tool Management Solutions
 - B2B Transactions
- Ask your Alro Representative for details!



Since 1948

