

Plasma Cutting



HIGHLIGHTS

Alro's 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

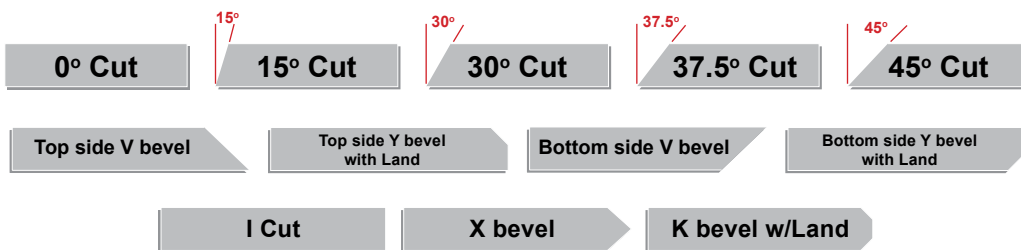


Video available online

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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Alro Locations



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- | | | |
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| Florida | Michigan | Pennsylvania |
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| 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

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