



# Alro Steel

Metals • Industrial Supplies • Plastics

SINCE  
1948

## Plasma Cutting

### BENEFITS

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

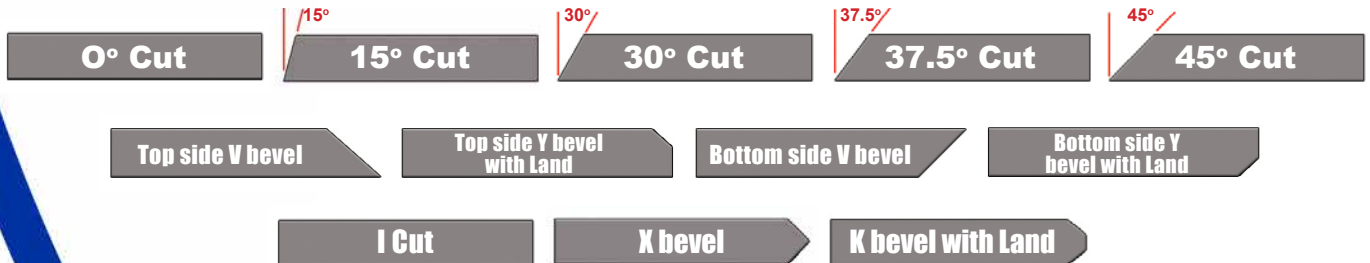


Video available online

### 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	<b>Carbon:</b> 1/8" overall  <b>Stainless &amp; Aluminum:</b> 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



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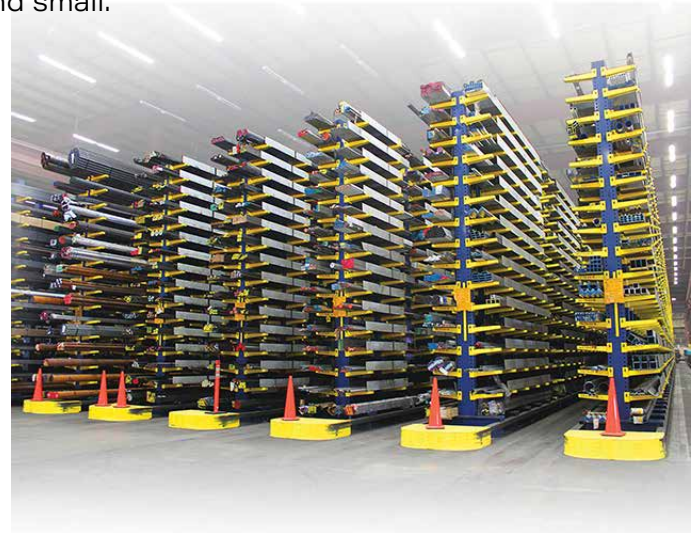
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Integrity. Loyalty. Honesty. These principals have guided Alro Steel since our founding in 1948 by brothers, Al and Robert Glick. From a small garage in Jackson, Michigan, Alro Steel has grown to over 70 locations in 13 states. Alro distributes metals, 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 50,000 customers in North America. Focused on exceeding our customers' expectations, we build relationships with all our customers, large and small.

## METALS & SHAPES

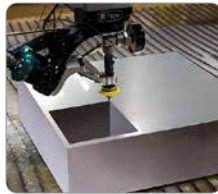
	Bar	Pipe & Tube	Plate & Sheet	Structural	Grating & Exp. Metal
Alloy	●	●	●		
Aluminum	●	●	●	●	●
Brass	●		●		
Bronze	●	●			
Carbon Steel	●	●	●	●	●
Cast Iron	●	●			
Copper	●	●	●		
Stainless Steel	●	●	●	●	●
Tool Steel	●		●		



## METALS PROCESSING



Precision Plate and Structural Saw Cutting



Waterjet Cutting



Oxy-Fuel Cutting



Plasma Cutting



Plate Laser Cutting



6-Axis Laser Cutting



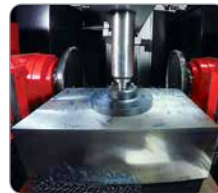
Shearing



Press Brake Bending & Forming



Tube Cutting and Chamfering



Precision Milling and Squaring



Plate Grinding



Thermal Processing

## ALRO ONLINE STORE



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