

Plate Laser Cutting

Produces Near Net or Finished Products to Your Print



HIGHLIGHTS

- Laser tolerances in stainless, aluminum and carbon plate up to 1", up to 1/4" in red metals
- Maximum plate capacity 80" X 159"
- High precision and repeatability on cut parts
- Produces near net or finished products to your print
- Minimal heat affected zone
- Minimal to no clean-up
- Etching (not offered on red metals) and "stitch-cutting" available
- Potential Secondary Processes:
 - Tapping from #10 - 3/4" and M5 - M12 available depending on size/thickness
 - Forming



CAPABILITIES

| Grades | Tolerances | Minimum Hole Sizes | Max Plate Capacity | Plate Laser Acceptable Materials |
|------------------------------------|------------------------|-----------------------|--------------------|----------------------------------|
| 1" Carbon | 1" = +/- .017" | 3/4" dia on 1" thk | 80" x 159" | Carbon = Yes |
| 1" Stainless | 1/2" = +/- .008" | 9/16" dia on 3/4" thk | | Stainless = Yes |
| 1" Aluminum | 1/4" and < = +/- .005" | 1/4" dia on 1/2" thk | | Aluminum = Yes |
| 1/2" CF Bar | | 3/16" dia on 1/4" thk | | Red Metals = Yes, No etching |
| 1/2" Tool & Jig 1/4" Red Metals | | | | |

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

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

alro.com

America's Premier Metals & Plastics Service Center



Alro Locations



- 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



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

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!

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Since 1948

