



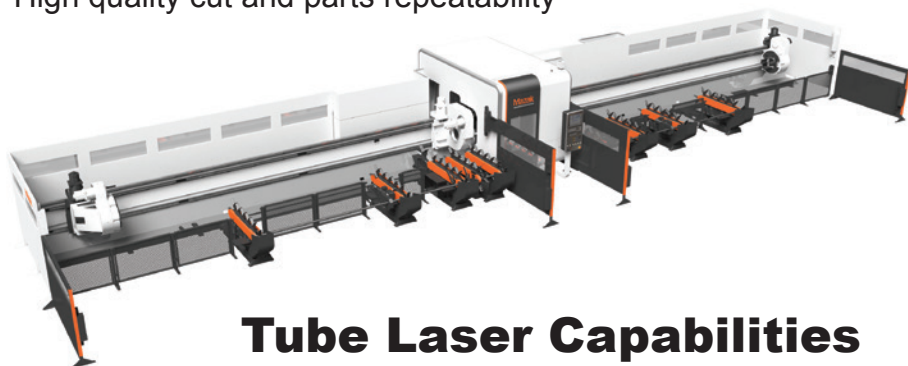
Alro Steel

Metals • Industrial Supplies • Plastics

Tube Laser Processing

Alro's 6-Axis Tube Lasers offer a one-step solution to eliminate costly processes

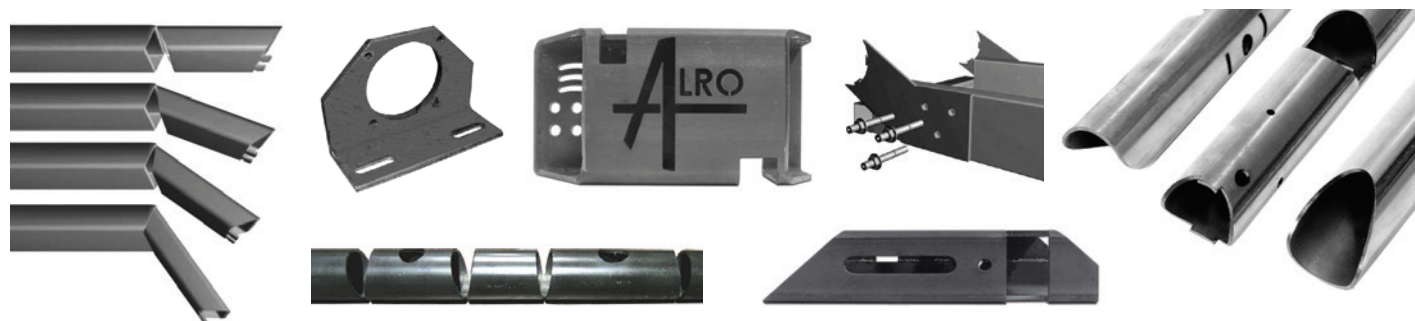
- Ability to miter cut, tap, notch, pipe joints, slot holes, tabs, etching and more
- Reduces the need for sawing, fixturing, milling, drilling, punching, bending and welding
- Dramatically reduce assembly time
- High quality cut and parts repeatability



Tube Laser Capabilities

| Round Tube | Square Tube | Rectangular Tube | I-Beam/WF-Beam Channel / Angle | Grades | Maximum | Bevel |
|---------------------------------------|-------------------------------------|---------------------|--------------------------------|---------------------------------------------|-------------------------------------|--------------------------------------|
| 1/2" Dia (min) to 16" Dia (max) | 1/2" Sq (min) to 10" Sq (max) | 10" x 8" Maximum | 7/8" (min) to 6" (max) | Carbon Steel Stainless Steel Aluminum | 3/4" Wall 3/8" Wall 1/4" Wall | 45 Deg Max 20 Deg Max 0 Degree |

This chart is a guideline only. Tolerances may vary depending on material.



Alro has a fully integrated CAD Department to handle most file types:

Preferred Files: .dxf .dwg .iges

Also Accepted:

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

Your One Stop Shop for Metals, Industrial Supplies & Plastics

About Alro

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 60 locations in 12 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 25,000 customers in North America.

Focused on exceeding our customers' expectations, we build relationships with all our customers, large and small. To learn more, visit alro.com.



Metals

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

Industrial Supplies

| | | |
|---------------|-------------|-------------------|
| Abrasives | Gaging | Material Handling |
| Brushes | Grinding | MRO Supplies |
| Coolant | Hand Tools | Sanding |
| Cutting Tools | Machinery | Tool Holding |
| Die Supplies | Maintenance | Work Holding |

Plastics

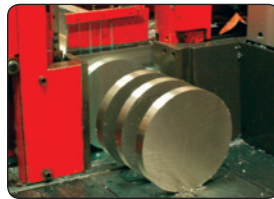
| | | |
|------------|---------------|---------------|
| ABS | Makrolon® | Polypropylene |
| Acetal | Nylon | PTFE |
| Acrylic | Nyloil® | Starboard® |
| Delrin® | PEEK | TIVAR® |
| Extren® | Phenolics | UHMW |
| Fiberglass | Plexiglas® | Urethane |
| Grating | Polycarbonate | Vivak® |

Note: The symbols ® & ™ indicate a registered trade name.

Alro Metals Outlet

Alro Metals Outlet locations stock a broad range of metals and plastics in a convenient retail setting. Metals Outlet specializes in small to large orders, perfect for machine shops, do-it-yourself (DIY) and maintenance departments.

Processing Services



Saw Cutting



Production/Precision Sawing

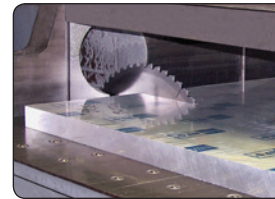


Plate Sawing



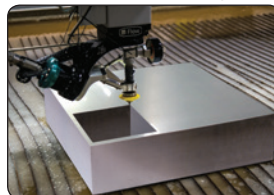
Tube Laser Cutting



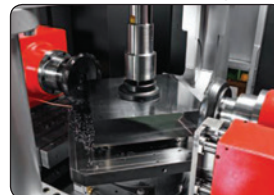
Plate Laser Cutting



Plasma Cutting



Waterjet Cutting



Precision Milling



Shearing

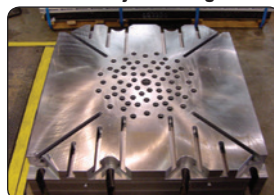


Plate Grinding



Thermal Processing



Plastic CNC Routing

