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

<table>
<thead>
<tr>
<th>Round Tube</th>
<th>Square Tube</th>
<th>Rectangular Tube</th>
<th>I-Beam/WF-Beam Channel / Angle</th>
<th>Grades</th>
<th>Maximum</th>
<th>Bevel</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/2” Dia (min) to 16” Dia (max)</td>
<td>1/2” Sq (min) to 10” Sq (max)</td>
<td>10” x 8” Maximum</td>
<td>7/8” (min) to 6” (max)</td>
<td>Carbon Steel</td>
<td>3/4” Wall</td>
<td>45 Deg Max</td>
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<tr>
<td>Carbon Steel</td>
<td>3/8” Wall</td>
<td>Stainless Steel</td>
<td>20 Deg Max</td>
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<tr>
<td>Aluminum</td>
<td>1/4” Wall</td>
<td></td>
<td>0 Degree</td>
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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

alro.com 888-888-ALRO 2576
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.

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

Metals

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<tr>
<th>Alloy</th>
<th>Bar</th>
<th>Pipe</th>
<th>Tube</th>
<th>Plate</th>
<th>Sheet</th>
<th>Structural</th>
<th>Grating</th>
<th>Exp. Metal</th>
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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
- Nylon®
- Starboard®
- Delrin®
- PEEK
- TIVAR®
- Extrun®
- Phenolics
- UHMW
- Fiberglass
- Pexiglas®
- 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.

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