CNC Blanking

Trumpf 3030 Fiber Laser
- 4kW Laser
- Table Size: 5’x10’
- Cutting Capacity:
  - Carbon Steel: Up to 7GA
  - Stainless Steel: Up to 7GA
  - Aluminum: Up to 1/8”

Mazak 4kW CO₂ Laser
- 4kW Laser
- Table Size: 5’x10’
- Cutting Capacity:
  - Carbon Steel: Up to 7GA

CNC Forming

Salvagnini Panel Bender
- Bending capacity

<table>
<thead>
<tr>
<th>Material</th>
<th>Max Tensile Strength</th>
<th>Min. Sheet Thickness</th>
<th>Max Sheet Thickness</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stainless Steel</td>
<td>95.7 KSI</td>
<td>.016”</td>
<td>.098” (+/- 90 deg) .083” (+/- 120 deg) .063” (+/- 130 deg)</td>
</tr>
<tr>
<td>Steel</td>
<td>59.4 KSI</td>
<td>.016”</td>
<td>.125” (+/- 90 deg) .098” (+/- 120 deg) .083” (+/- 130 deg)</td>
</tr>
<tr>
<td>Aluminum</td>
<td>38.4 KSI</td>
<td>.016”</td>
<td>.157” (+/- 120 deg) .138” (+/- 130 deg)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Dimension</th>
<th>Max</th>
<th>Min/Max</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length</td>
<td>11.22” / 98.23”</td>
<td></td>
</tr>
<tr>
<td>Width</td>
<td>5.51” / 60”</td>
<td></td>
</tr>
<tr>
<td>Depth</td>
<td>6.0”</td>
<td></td>
</tr>
</tbody>
</table>
Press Brakes:
- 40T Safan Darley Brake (4’ Bed Length)
- 60T Accupress Brake (8’ Bed Length)
- 90T and 130T Cincinnati Brakes (8’ Bed Length)
- Bending Capacity:
  - Carbon Steel: 11GA
  - Stainless Steel: 16GA

Misc. Fastening:
- Riv-nut Insets
- Self-clinching Inserts
- Stud Welding

Welding and Tube Fabrication
- CNC Tube Milling
  - Haas VF3 Machining Centers
    - Insert Less Form Drilling
    - Slotting/Notching
    - MIG Welding with Modular Bluco Fixturing

Metal Finishing

New Powder Line
- Nordson Automated Powder Booth
  - Capacity Size:
    - 84” long x 36” wide x 72” high
  - Capacity Weight
    - Less Than 84” OAL – 300#
    - 84+” OAL – 600#
  - Applications
    - Interior
    - Exterior – Zirconium pretreat salt spray 1,000+ hrs. Application should be evaluated and tested.

Current Powder Line
- Wagner Automated Powder Booth
  - Pretreatment:
    - Chemical Plaforization
  - Applications:
    - Interior Products Only
Panel Processing

High Pressure Laminating Line
- Capacity: 60” x 144”

Homag HPL 400 Panel Saw
- Capacity: 60” x 144” x 4.25”

CNC Sheet-based Routers
- Machines:
  - Weeke Vantech and Komo
  - Capacity: 60” x 144”

CNC Pod and Rail Routers
- Machines:
  - Weeke Venture
  - Holz-Her Point-to-Point Machining Center
  - Additional Capabilities: Edgeboring

Vector CNC Contour Edgebander
- Capacity: 60” x 138”
- Banding Capacity (min/max):
  2mm/3mm thick x .625”/1.5”

Vitap Manual Contour Edgebander
- Capacity: 10 sq. ft. (max length: 48”)

Holz-Her Contriga Straightline Edgebander
- Capacity
  - Min: 5.5” x 2.5” x .25” thk
  - Max: 60” x 96” x 3”
- Banding Capacity (min/max): .024”/1.125”

Solid Lumber Fabrication
- Gang Rip Saw
- Moulder (4 side)
- 42” wd. Timesaver Sander
- Tenoners
- Clamp Carrier
- Oscillating Edge Sander
- 24” wd. Planer
- Staining and sealing

Other Services
- Light Assembly
- On-Site Design
- Prototyping