

## 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 CO<sub>2</sub> Laser

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



## CNC Forming

### Salvagnini Panel Bender

- Bending capacity



	Dimension
<b>Length Min/Max</b>	11.22" / 98.23"
<b>Width Min/Max</b>	5.51" / 60"
<b>Depth Max</b>	6.0"

Material	Max Tensile Strength	Min. Sheet Thickness	Max Sheet Thickness
<b>Stainless Steel</b>	95.7 KSI	.016"	.098" (+/- 90 deg)
			.083" (+/- 120 deg)
			.063" (+/- 130 deg)
<b>Steel</b>	59.4 KSI	.016"	.125" (+/- 90 deg)
			.098" (+/- 120 deg)
			.083" (+/- 130 deg)
<b>Aluminum</b>	38.4 KSI	.016"	.157" (+/- 120 deg)
			.138" (+/- 130 deg)

## 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
- ON-HAND V-DIES:

		V-Opening			
		0.375	0.625	1	
Material Thickness	20g (.036)	0.06	0.1	0.16	Inside Bend Radius
	18g (.048)	0.06	0.1	0.16	
	16g (.06)	0.06	0.1	0.16	
	14g (.075)		0.1	0.16	
	12g (.105)		0.1	0.16	
	11g (.12)			0.16	
	10g (.135)			0.16	
	7g (.18)			0.16	



## Welding and Tube Fabrication

### CNC Tube Milling

- Haas VF3 Machining Centers
  - Insert Less Form Drilling
  - Slotting/Notching
- MIG Welding with Modular Bluco Fixturing

## Misc. Fastening:

- Riv-nut Insets
- Self-clinching Inserts
- Stud Welding

## 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 Platorization
  - 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

