



**FORMING**

- CNC Cincinnati Laser
- CNC Hearn Saw/Drill-Structural Cell
- CNC Cincinnati Brake
- CNC Oxyfuel/Plasma Torch Cutter
- Mechanical Brakes
- Shear
- Roll Machines
- Manual Punch/Shear/Nibble
- Bandsaws
- Track Torch Machine

**FABRICATED ENCLOSURES**

- OSHA-approved
- Sound Enclosures
- Safety Enclosures
- Guards
- Platforms
- Structural Components

**WELDING**

- Wire Welders
- Spot Welders

**STRESS RELIEVING**

- Large Thermal - Gas
- Small Thermal - Electric
- Vibratory

**PRESSURE VESSELS**

- ASME U Stamp Certified
- R Stamp Certified



**See Reverse Side  
For Specifications**



# FABRICATION EQUIPMENT & SPECIFICATIONS

Item	English	Metric
<b><u>CNC Cincinnati Laser - 2000 Watt CO<sup>2</sup></u></b>		
Maximum sheet thickness	0.50 in.	12.7 mm
Maximum sheet width	60.0 in.	1524 mm
Maximum sheet length	120.0 in.	3048 mm
<b><u>CNC Hearn Structural Saw/Drill, Tap Cell</u></b>		
Maximum saw width	17.0 in.	432 mm
Maximum saw height	12.0 in.	305 mm
Maximum saw length	288.0 in.	7315 mm
Maximum saw angle	45°	45°
Maximum drill diameter	1.50 in.	38.1 mm
Maximum tap size	0.75 in.	20 mm
<b><u>ESAB Torch Cutter</u></b>		
Maximum part thickness - plasma	1.0 in.	25 mm
Maximum part thickness - oxyfuel	12 in.	300 mm
Maximum plate width	140 in.	3556 mm
Maximum plate length	240 in.	6100 mm
<b><u>Cincinnati Brake</u></b>		
Tonnage	175 tons	1557 kN
Maximum part length	120 in.	3048 mm
Maximum part thickness	0.250	6.4 mm
<b><u>Misc. Fab Equipment</u></b>		
Cincinnati/Chicago brakes	.5 in. x 174 in.	12.7 mm x 4420 mm
Cincinnati shear	.5 in. x 144 in.	12.7 mm x 3658 mm
Roll machines	5 in. min. dia. x 60 in. max.	127 mm x 1524 mm
Universal iron worker	1.5 in. max. thickness	38 mm max.
Band saws	24 in. - 60 in.	610 mm - 1524 mm
Track torch	72 in. travel	1829 mm travel
Spot welder (22 ga.)	.188 in. x 36 in.	4.8 mm x 914 mm
Wire/Electrode welders	200 - 650 amp	
<b><u>Stress Relieving</u></b>		
Car bottom furnace*	12 ft. x 12 ft. x 25 ft.	3658 mm x 3658 mm x 7620 mm
Small furnace	2 ft. x 2 ft. x 5 ft.	610 mm x 610 mm x 1524 mm
Vibratory	Portable (not size dependent)	
Heavy welding bay: 200-ton crane capacity*	70 ft. x 170 ft.	21 mm x 52 m

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