



# Fabrication Division Capabilities

## Pipe Fabrication Facility – Shop 1

2150 Holly Road, Neenah, WI 54956

<b>Floor Space</b>	30,000 sq. ft.
<b>Cranes</b>	3 – 5 ton overhead cranes 2 – 2 ton overhead crane 12 – 1 ton jib cranes 2 – 2 ton jib cranes
<b>Equipment</b>	1 – Vernon MPM-2 Automated Pipe Cutting Machine 2 Axis 2 ½” – 48” Diameter / .25” wall – 3” thickness 2 – Miller Plasma Arc Cutting Machines 20 – Miller Welding Machines Standard grinding and end-prepping equipment 13 – Welding Positioners 4 – Submerged Arc Weld Systems 1 – Furmanite HeatMaster 1 – Cooperheat and 10 Miller induction heating equipment 1 – EHS Hot Foil 50’ x 12’ x 12’ Heat Treatment Furnace Furnace Load Capacity – 20 Tons Maximum Temperature – 1,450° Fahrenheit  2 – Generation V Positioner Turntables 8,000 lb capacity, 115° hydraulic adjustable tilt – 2’11” to 8’ 360° rotation clockwise / counter clockwise 180,000 inch pounds torque Bi-directional foot controller with 40’ cable Rotation torque of 100,000 inch pounds  3 – Generation IV Positioner Turntables 3,000 lb capacity with 115° hydraulic adjustable tilt Programmable acceleration and deceleration Bi-directional foot controller with 40’ cable .5 to 3.52 RPM infinitely variable rotation 30,000 inch pounds torque
<b>Pre-Fabricated Materials</b>	Carbon Steel All grades and types of E.R.W. and Seamless materials Standard weight through double extra-strong  Chrome P5, P9, P11, P22, P91 and P92 materials Standard weight through min.—wall requirements
<b>Capacity</b>	(2) 10-hour shifts per day, (4) days a week—Monday through Thursday 90,000 man-hours per year



## Fabrication Division Capabilities

### Pipe Fabrication Facility – Shop 2

2150 Holly Road, Neenah, WI 54956

<b>Floor Space</b>	15,000 sq. feet
<b>Cranes</b>	1 – 5 ton overhead crane 2 – 2 ton overhead cranes 10 – 1 ton jib cranes
<b>Equipment</b>	1- Vernon MPM-4 Automated Plasma Pipe Cutting Machine 4 Axis 2 ½" – 48" Diameter / .25" wall – 3" wall thickness 1- Automated weld processor with weld stand 2 – George Fisher Orbital Pipe Cutters ½" – 6" Diameter/.065" wall - .134" wall thickness 3 – Miller Plasma Arc Cutting Machines 16 – Miller Welding Machines 1 – HEM Saw V-100L - 2 2 – E.H. Wachs Hydraulic Pipe Bevelers 2 – Arc Machines, Inc. orbital weld machines 10 – Welding Positioners

### Pre Fabricated Materials

Carbon Steel	All grades and types of E.R.W. and Seamless materials Standard weight through double extra-strong
Chrome	P5, P9, P11, P22, P91 and P92 materials Standard weight through min.—wall requirements
Stainless Steel (Segregated Bay)	All grades and types Schedule 5 through Schedule 80, E.R.W. and Seamless
Special Alloys	
Hastelloy	A254SMO
Monel	AL6XN
Inconel	Titanium
Duplex 2205	Aluminum

<b>Capacity</b>	(2) 10-hour shifts per day, (4) days a week—Monday through Thursday 70,000 man-hours per year
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## Fabrication Division Capabilities

### Metal Fabrication Facility

2600 East Winslow Street, Appleton, WI 54911

<b>Floor Space</b>	26,000 sq. feet
<b>Storage</b>	10,000 sq. feet indoor storage
<b>Cranes</b>	2 – 2 ton, twin hook, overhung bridge cranes (11' 6" under hook)  6 – 1/2 ton jib cranes
<b>Doors</b>	2 – 12' wide x 12' clearance height
<b>Equipment:</b>	
<b>Welding</b>	12 – Miller welding machines
<b>Cutting</b>	1 – Automatic vertical high-speed production band saw HEM Model VT 120 HA-60
<b>Shearing</b>	Hydraulic squaring shear (Accushear) Maximum cutting width—10' Slitting capability—12' Shearing capacities—Mild steel such as: 1020, or A36 (1/2" thick) PVQ such as: A285 or A516-70 (1/2" thick) Stainless Steel such as: A240 (3/8" thick) Aluminum alloys such as: 1100 or 3003 (5/8" thick) Ironworker structural shear (Scotchman65) Shearing capacity—Plate: 3/4" thick x 20" Angle iron: 6" x 6" x 1/2" Punching: 1-1/2" diameter thru 1" thick plate- 16" throat depth
<b>Plasma Arc</b>	Vicon Model 8000- Fabricator Computer Operated Maximum burning capacity—1-1/2" thick plate Table size—72" wide x 144" long
<b>Bending</b>	Press brake (Accupress Model 725012) Maximum tonnage—250 tons Total overall die length—12' x 0" Length between housings—10 x 4" Throat depth from die centerline—10"

**Bending capacity**

5/16" thick & lighter- 12' long  
1/2" thick plate- 8' long  
5/8" thick plate- 5' long

**Sheet/Plate Rolling**

Digital operated pinch type roller (ROUND O Size PS255/10)

Rated capacity—9/16" thick x 10' width

Minimum diameter rolled—14"

**Capacities**

1/2" & lighter x 10' width x diameter >2'

5/8" plate x 8' width x diameter > 4'

3/4" plate x 4' width x diameter > 4'

**Tank Turning Rolls**

Fuller (JFRD – 20)

Rated Capacity—6" – 14' diameter

Maximum Weight—30 tons