



Facility, Equipment, and Capabilities

Facility:

50,000 sq ft on 2 acres housing main shop and office facility. OVHD 1/2 ton Hoist Bridge Cranes covering 80% of shop floor.

35,000 sq ft additional off-site outdoor for storage & assembly

5,000 sq ft under roof auxillary site

Machining:

Mills CNC Bed & Knee Mills from ProtoTrak, Lagun, Trump, Kearney & Trecker , and Polamco, able to accommodate of travel up to X42" Y22" Z26".

Lathes Bullard, Polamco Lehmann, LeBlond, and Monarch. Able to accommodate largest swing of 64" w/ 10' Bed

Grinding/Finishing Blanchard Surface Grinder up to 36" diameters

Welding:

Plate: Many Steel Alloys including A36, AH/DH-36, A570 Gr50 & Gr70, 300 Series Stainless Steel, Aluminum, Copper-Nichel (70-30 & 90-10)

Flux-Core

Mig/Tig, Full Array of Miller Tig & Mig Machines, Cobra Wire Feeders

Sub-Arc, Robotic w/

Manipulator, Ransom 40' Track and 14x14 Car including

100 Ton Tank Rolls, Dayton Speed Controller, Aronson 12' Roll Drive and Gemco

Fwd/Rev Foot Controller

Pipe & Flanges: Steel, 300 Series Stainless Steel, Copper-Nickel, & Aluminum w/

Positioners, 1/2" to 24" diameters, Aronson & Preston up to 15,000# Rotate & 35,000# Tilt

Certified w/ the following agencies

Navsea, USCG, AWS, DNV, SME, ABS, and ASME U-Stamp

Certified Section 8 Div. 1 Pressure Vessels

Testing & Certifications:

Hydrostatic Pressure Testing

NDT including X-Ray

Load Testing & Certification

Cutting:

Bandsaws

Hemsaw, hydraulic, 18"w x 20" hi @ 90 degrees, 5hp motor

Hyd-Mech S-20 Series II, hydraulic, 13" x 18" Rectangular @ 90 degrees, 13" dia Round @ 90 degrees, miter up to 60 degrees, 3 hp motor

Doringer Cold Saw, 12" dia blade w/ 20' Conveyer Rolls each side

Punching:

120T & 65T Scotchman Punch & Shear

Whitney Duplicator Punch

Complete set of punches & dies



Facility, Equipment, and Capabilities

Shearing:

Cincinnati Shear, 12' long x 3/8" thk steel
Wysong Shear, 12' long x 1/4" thk steel
Boshert 8" x 8" x 90 degree notching shear

Press Brake/Forming:

Accupress 160T x 12' lg
Cincinnati 400T x 12' lg
60 Ton Multiposition Press w/ 60' Rolling Conveyer each side
Large selection of dies

Rolling:

Ver-Dik 6" dia x 6' Wide, Access to Roll up to 10' diameter x 3" thk

Plasma:

Hyperthem Plasma Machine w/ Messer Plasma Table, 10' x 5' Bed, up to 1" steel and access to cut up to 6" thk, Camduct Software

Sandblasting:

Enclosed Booth using Aluminum Oxide, typical steel blast to SPCC SP-10 (near white finish)

Painting:

Fully Enclosed Paint Booth, 55'L x 16'W x 14'H, typical coatings of Epoxy, Urethane, Alkyd, Polyurethane, Enamels, and CARC

Mobility: Cranes, Trucks, and Forklifts

80 Ton Grove Crane w/ 114' Boom and 88' Jib
35 Ton Grove RT Crane w/ 80' Boom and 32' Jib
12-1/2 Ton Galian RT Crane

Semi-Truck Tractors and Flatbed Trailers up to 52' including Lo-Boys and extension trailers
Bobtails

Forklifts up to 30,000# Capacity

Computer Design Softwares:

Autocad 2012-2013, Pro-E CREO, Camduct