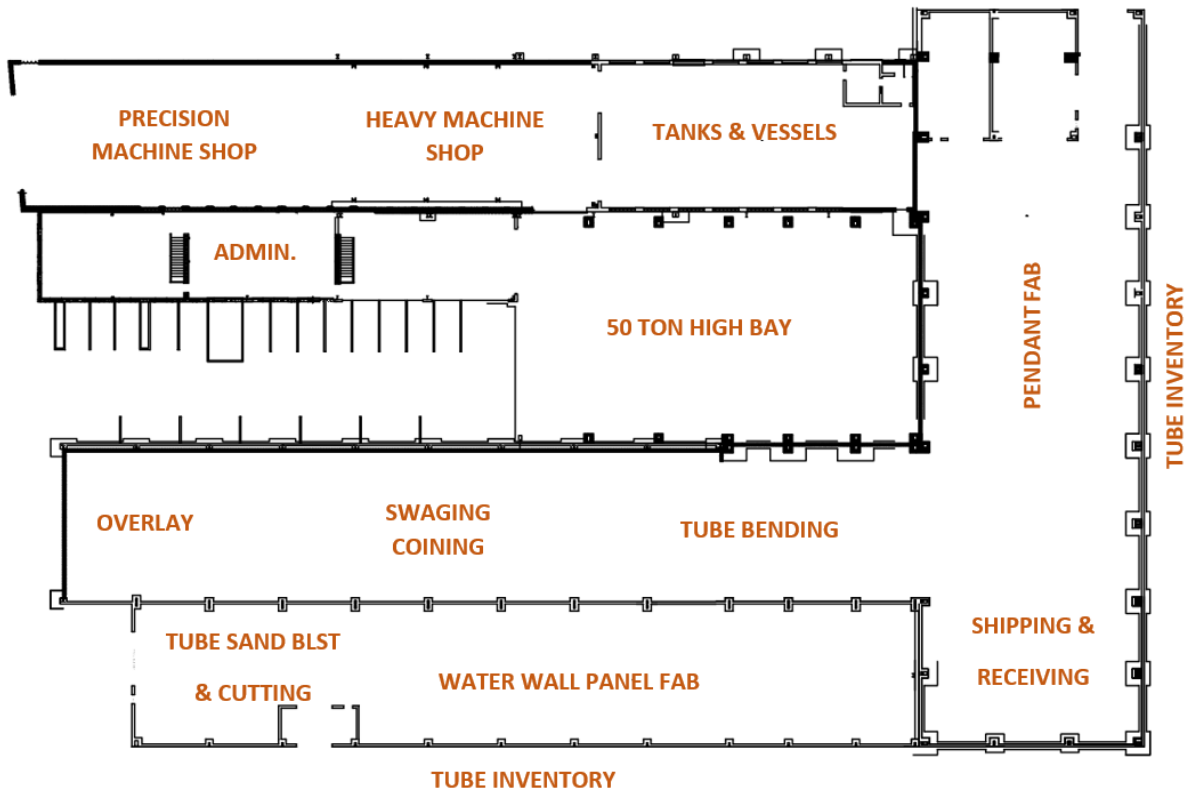


## HBBW Facility & Equipment List



### Machine Shop

- One (1) 15-ton and two (2) 10-ton overhead cranes

#### Vertical CNC Lathes:

##### Mighty Viper VTL-20/25M

- Max Turning Diameter: 98.4" (2440mm)
- Max Turning Height: 59" (1500mm)
- Max Workpiece Mass: 44,000lbs (20,000kg)
- Live tooling C axis: 2000 RPM, 2" max hole size

- Tool Changer: 8 turning tools, 8 milling tools

### **Webster Bennet VTL-7315**

- Max Turning Diameter: 98.4" (2,440mm)
- Max Turning Height: 36" (1,500mm)
- Max Workpiece Mass: 22,000lbs (10,000kg)

### ***Vertical CNC Milling Machines:***

#### **Mighty Viper Pro 3223A**

- Table Travel X,Y,Z: 130" x 79" x 31.5" (3,300mm x 2,000mm x 800mm)
- Max Workpiece Mass: 22,050lbs (10,000kg)
- Tool Changer: 40 milling tools

#### **Hurco VMX-64**

- Table Travel X,Y,Z: 64" x 34" x 30" (1,625mm x 864mm x 762mm)
- Max Workpiece Mass: 6,000Lbs (2,720kg)
- Tool Changer: 30 milling tools

#### **Proto Trak FMH7**

- Table Travel X,Y,Z: 60" x 23" x 20.5" (1524mm x 584mm x 520mm)
- Max Workpiece Mass: 2,200lbs (998kg)

#### **Proto Trak DPMSX3P**

- Table Travel X,Y,Z: 40" x 20" x 23.5" (1016mm x 508mm x 597mm)
- Max Workpiece Mass: 1,760Lbs (798kg)

### ***Horizontal CNC Milling Machines:***

#### **Lucas 40T**

- Table Travel X,Y,Z,W: 141.75" x 118" x 70.86" x 28.75" (3,580mm x3000mm x1800mm x730mm)
- Max Workpiece Mass: 22,050Lbs (10,000kg)
- Tool Changer: 40 milling tools

## **Nomura BN-130SWR**

- Table Travel X,Y,Z,W: 98.84" x 88.58" x 58.66" x 29.5" (2,510mm x2250mm x1490mm x750mm)
- Max Workpiece Mass: 20,000lbs (9,100kg)
- Powered Rotary table (not a true 5 axis)

## ***Horizontal CNC Lathes:***

### **Romi M17**

- Max Turning Diameter: 16.9" (430mm)
- Max Turning length: 40" (1016mm)
- Max Workpiece Mass: 500lbs (227kg)

### **Proto Trak 2470SX**

- Max Turning Diameter: 24" (610mm)
- Max Turning length: 70" (1778mm)
- Max Workpiece Mass: 1000Lbs (454kg)

## **Vessel Fabrication & 50-Ton High Bay Area**

- Two (2) 10-ton, one (1) 15-ton, one (1) 50-ton overhead crane
- Standard Industrial Shear (Capacity: 10' wide x ½" thick x 60' long)
- Bertsch Roller (Capacity: 10' x ¾" thick roll up to 18' diameter)
- Americor LH-200/8 Roller (Capacity: 8' x 5/16" thick at 7.87" min. diameter)
- Geka Hydracrop 110SD (Capacity 1-1/2" x ¾" thick plate, 2" rnd./sq.)
- Accurpress Press Brake (Capacity: 10' x 1" thick)
- Sub-Arc Welding Machine (18' tall)
- Sub-Arc Welding Machine (12' tall)
- Ransome Turntables (Model 25p & 60p)
- Aronson Turntable (Model HD-60)
- In-floor track system with rotators capable of 18' diameter x 100' vessels

## **Painting**

- Sealed and heated paint booth (20' x 40')
- One (1) 5-ton overhead crane

## **Sand Blasting**

- Sand-blast booth (20' x 40')
- One (1) 5-ton overhead crane

## **Tube Fabrication**

- One (1) 15-ton and one (1) 10-ton overhead crane
- Hydraulic Coining Press
- Pipe Swaging Machine
- Helfrich Brothers Custom Port Cart System

## **Overlay Welding**

- One (1) 5-ton overhead crane
- Four (4) Custom Overlay Machines
- 24" diameter x 50' length capacity

## **Panel Fabrication**

- Tube Panel Machine I. 4-head Sub-Arc welder up to 40' long
- Panel Jig Tables

## **Tube Bending**

- One (1) 10-ton overhead crane
- Two (2) Bend Pro G2 Bending Machines
- Max capacity of 6" diameter standard wall to a 1" x diameter

## **Tube Preparation**

- One (1) 5-ton overhead crane
- Pipe-Mate Station
- Helfrich Brothers Custom Tube Preparation Machine
- Tube Sand-Blasting Machine

## **Welding School**

- Fully functional Welding Training School / Testing Center
- Plate, pipe, all positions, all process, and code standards
- Multiple welding stations and multi-position training fixtures

## **Inventory**

- One (1) 5-ton overhead crane
- Tube stock racks
- Plate stock racks
- Overflow stock

## **Trucking**

- Volvo VHD – 30,000lbs capacity
- Ford F650 – 12,700lbs capacity
- GMC Rack Truck – 4,000lbs capacity
- Forklifts – 3,000lbs to 11,000lbs capacity
- Multi Directional Combilift Side Loader
- Boom Trucks