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# **POSEIDON® FABRICATION SOLUTIONS**

## ***CUSTOMER CONCEPT TO REALITY***

### ***FABRICATION, BENDING, CUTTING, WELDING***

#### **MODERN MANUFACTURING FACILITY**

- Over 130,000 Square feet of manufacturing space
- Assembly areas are equipped with 30, 25, 20, 15, 10, 6 and 5 ton cranes
- Indoor loading bay for semi loading

#### **CUSTOM FABRICATION**

- Customers can work with Poseidon® Engineering to create manufacturing drawings used for fabrication
- Customer supplied DXF files are also accepted

#### **PLASMA TABLE**

- Bolt Hole Precision Software for clean, accurate holes
- Auto-nest software to insure max efficiency / affordability
- 2.0" Plate maximum cutting thickness
- 16 gauge minimum cutting thickness
- Maximum plate size 13' x 44'
- Customer provides DXF files
- 10 ton overhead crane
- Stocking 1/4" to 1" A36 plate, additional plate thicknesses available locally

#### **NEW HIGH DEFINITION MESSER PLASMA TABLE**

- Messer Titan III Cutting System
- Maximum Sheet Width – 12'
- Maximum Sheet length – 44'
- Cutting Thickness:
  - o Minimum Thickness – 10 GA.
  - o Maximum Thickness – 1.50"
- Hypertherm Software: ProNest
- True Hole Nesting Software
- Auto Nesting

#### **SAW**

- Part cut lengths up to 48' lengths
- Maximum cut size 16" round bar or 16" high x 18" wide at 90°
- Maximum cut size 13" round bar or 16" high x 11" wide at 45°
- Maximum cut load 5,000 lbs.

## **NEW HYDMECH MODEL H-28A-120 AUTOMATIC BANDSAW**

- Round Maximum Cut – 28”
- Rectangular Maximum Cut – 28”x28”
- Maximum 6 Cant – 24” x 28”
- Maximum Workload – 30,000lbs.
- Maximum Cut Length – 50’

## **IRON WORKER**

- 110 Ton metal working capacity
- Shearing up to: 24” x 5/8” or 16” x 3/4”
- Notching: max thickness 1/2”, max depth 3-1/2”, max width 2”
- Punch - 1-1/2” diameter x 3/4” thick maximum

## **MIG WELDING CAPABILITIES**

- AWS D 1.1 Standards
- AWS Certified Welders are available for specific project needs
- Flux Core & Hard Wire Metals
- 90% Argon-10% CO2 shielding gas standard

## **FABRICATION ASSEMBLY**

- Eight 45’ x 13’ production tables to fabricate custom work

## **NEW COMBI-LIFT**

- 10,000 lb Workload Capacity
- Moves structural steel faster, rotating wheels
- A continual improvement effort saving on handling time

## **STOCKING / STORAGE**

- Stocking of customer blanket purchases
- Release per customer schedule
- Indoor storage

## **BREAK PRESS**

- 440 Tons Maximum Capacity, 12’ wide x 18” deep
- CNC controller positions the back gage & adjusts MI max thickness at a 90° bend
- 16 GA A36 Min thickness
- 1/2” & 3/4” 90° bends

**CALL TODAY!**



**AEM**  
Association of  
Equipment Manufacturers

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