

Palatine Welding Company

Capabilities & Equipment List

Welding

- (15) Miller Mig Machines
- (8) Miller Tig Machines
- (2) Miller Mig Boom Welders
- (1) Automatic Bore Welding System

Machining

- (2) Bridgeport Knee Machines
 - 9" x 34" and 9" x 42" tables
 - 750 lbs capacity each
- (1) Nardini Swing Lathe
 - 12" diameter x 10 ft capacity
- (1) Portable Pneumatic Tapping Arm
 - Reach capacity 14" to 72"

Inspection

- (1) Faro Portable CMM Arm
 - 7-axis certified ISO 10360-12
 - 12 ft measurement range

Cutting

Shearing

- (1) Accurshear 12 ft long Hydraulic Shear
 - 1/2" thick plate capacity

Sawing

- (1) Hydmech Automatic Feed Horizontal Bandsaw
 - 18" x 27" cross section cutting capacity
 - Mitering swings from 0 to 60 degrees
- (1) Marvel Upright Manual Operated Band Saw
 - 18" by 20" cross section cutting capacity
 - Mitering swings from 0 to 45 degrees

Burning

- (1) C&G Systems Challenger High Def. Plasma
 - Hyperthem Edge Pro controller w/ Phoenix software and Arcglide torch system
 - 12 ft x 20 ft cutting capacity
 - 2 & 1/2" thick cut capacity
 - Carbon & Stainless Steel
- (1) Portable Tractor Type Cutting Machine
 - Oxy/fuel & plasma attachments



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Material Handling

- (5) Forklifts
- (17) Jib Cranes
- (1) Automatic Pipe Roller Stand
 - 8 ton capacity
 - Fits 2" to 48" diameter
- (4) Welding Positioner Tables
 - (2) at 200 lbs capacity
 - (1) at 500 lbs capacity
 - (1) at 6,000 lbs capacity

Forming

- (1) Accurpress Hydraulic Press Break
 - 250 ton
 - 14 ft long
- (1) Chicago Dreis & Comp Mechanical Press Break
 - 150 ton
 - 16 ft long

Rolling

- (4) Plate Rollers
 - (1) with 10" diameter rolls x 8 ft
 - (1) with 7" diameter rolls x 6 ft
 - (1) with 3-1/2" diameter rolls x 5 ft
 - (1) with 3" diameter rolls x 4 ft

