

Modern Equipment Company, Inc.

Your Single Source for Fabrication and Machining

Fabricating

Rolling, Forming, Welding, Milling,
Boring, Sawing, Drilling

Custom Fabrication

Small & Large

Machining

CNC Machining - CNC Lathe &
CNC Vertical Mill, CNC Burning

Painting

Water Based or
Special Coatings

Engineering

Now with SolidWorks 3D
Engineering

Large Scale Manufacturing & Assembly Capability



165,000 Square Feet of Manufacturing Space



High Bay Manufacturing and Assembly Area

We're the **Modern** Team! Tell us what you need.

www.ModernEQ.com

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Fabrication

Why Modern Equipment?

Founded in 1919, we have over 90 years worth of Capital Equipment design, machining and construction experience. We know, design, handle, fab, weld and work with big parts, big products, big systems.

Material Handling

Assorted cranes from 1-Ton Air Hoists to 10-Ton
Electric with 22' Under Hook
Grove Mobile Cranes 14-Ton

Sawing

- CNC High Speed Band Saw 18" x 20" Capacity

CNC Burning

(1) MG Model TMC 4500 CNC Burning System
consisting of:
- (1) PAC-500 Plasma Torch with a Hypertherm 600 AMP
power supply having a 1" cutting capacity
- (3) Oxy-fuel Torches with a cutting capacity of 6" all on
(2) Water Cutting Tables
- (1) 9' Wide x 25' Long and (1) 10' 6" Wide x 21' Long

Rolling

- (1) Davi Hydraulic Four Roll Configuration Plate Roll
3/4" x 10' Capacity
- (1) Berntsch Pinch Type Plate Roll 1/2" x 6' Capacity

Forming

- (1) Pacific 400-Ton Press Brake 1/2" x 10' capacity



66" Diameter ASME Code Air
Separator with 24" Flanged
Nozzles



53 1/2" Diameter Straight Sided Ladle
Shell with Removeable Teapot Spout

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PO Box 993 • 369 West Western Avenue Port Washington, WI 53074-0993
Phone: 262-284-9431 • Fax: 262-284-9433
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Modern Equipment Company holds

the following ASME

Certificates of Authorization:

- "U" Stamp for Unfired Pressure Vessels
- "R" Stamp for Metallic Repairs or Alterations

Additional Modern Manufacturing

Standards:

- AWS D1.1
- ANSI B31.1
- ANSI B31.3

Modern Welding Qualifications:

All of Modern's welders are qualified to ASME Section IX. The following is a list of welding processes used:

- GMAW - Gas Metal Arc Welding (MIG)
- FCAW - Flux Cored Arc Welding
- SMAW - Shielded Metal Arc Welding (Stick)
- GTAW - Gas Tungsten Arc Welding (TIG)
- SAW - Submerged Arc Welding



142" ID Rota Cone Vacuum Dryer Stainless Steel ASME Code
33,000 lbs. each



200 Gallon Auger Mixing Bowl
ASME Coded Jacket



72" Diameter ASME Surge Tank

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Machining



Milling

- (1) Bridgeport Vertical Mill 105H w/digital readout
X Axis = 34"
Y Axis = 12"
- (1) Cincinnati #3 Vertical Mill w/ digital readout
X Axis = 57"
Y Axis = 27"
- (1) Kemp Smith #3 Universal Maximill w/ digital
readout
X Axis = 59"
Y Axis = 22"
Z Axis = 18"
- (1) HH Roberts TW-60 CNC Mill/Machining Center
X Axis = 62"
Y Axis = 30"
Z Axis = 25"
30" Spindle to table

Boring

- Giddings & Lewis 4" Horizontal Boring Bar w/digital
readout
X Axis = 56"
Y Axis = 65"
Z Axis = 89"
Table Size 48" x 96"

- Defiance 3 1/2" Horizontal Boring Bar w/digital
readout
X Axis = 72"
Y Axis = 42"
Z Axis = 66"
Table Size 40" x 75"

Radiial Drilling

- (1) Giddings & Lewis Cincinnati - Bickford 5' Arm
X Axis = 60"
Y Axis = 60"
- (1) Clausing Colchester 8400 Series
X Axis = 36"
Y Axis = 55"
- (1) Wilton Model 1600
X Axis = 60"
Y Axis = 50"

Punching

- (1) Whitney Model 771 Portable Hydraulic Press
70-Ton Cap 7 3/4" Throat Depth; 1 3/8" Stroke;
1 1/4" Max. Thickness
- (1) Whitney Model 790 Portable Hydraulic Press
90-Ton Cap. 4 1/4" Throat Depth; 1 3/8" Stroke;
1 1/4" Max. Thickness

Lathe

- (1) Takisawa Model TC-4 CNC 17 1/2" Dia. swing
39" between centers
- (1) Springfield 48" Dia. swing x 5' between centers
- (1) Leblond 16" Dia. swing x 16' between centers
- (1) Monarch 18 1/2" Dia. swing x 8' 6" between
centers
- (1) Lodge & Shipley 20" Dia. swing x 4' 6" between
centers
- (1) Warner Swasey #3A 20" Dia. swing x 44"
between centers

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