

Equipment List

NUMERICAL CONTROLLED EQUIPMENT:

- (1) Giddings & Lewis PMC 50 Horizontal Boring Mill
 - 108" x 72" x 37" 25 HP Spindle
 - CNC Retrofit 1997
- (1) Sharnoa "SVC-52" Vertical Mill
 - 28" x 52" x 32" (Z) 20 HP Spindle
 - (24) Tool, Tool Changer
 - (1) Laser Digitizer attachment
- (1) Sharnoa "SVC-36" Vertical Mill
 - 20" x 35" x 32" (Z) 15 HP Spindle
 - (24) Tool, Tool Changer
- (1) Mazak "AJV-25/405N" Vertical Mill
 - 25" x 40" x 18" 15 HP Spindle
 - (30) Tool, Tool Changer
- (1) Hurco "Hawk 30" Vertical Mill
- (1) FLOW "Integrated Flying Bridge 4800"
 - 48" x 96" Bed Water Jet

MANUAL MILLING EQUIPMENT:

- (5) Bridgeport Milling Machines
- (1) Cincinnati #415 Vertical

TURNING EQUIPMENT:

- (1) 15" X 54" Clausing Lathe
- (1) 15" x 54" Cincinnati Hydrashift

DRILLING EQUIPMENT:

- (2) Cincinnati Super Service 3' x 9" Radial Arm
- (1) Cincinnati Super Service 5' x 15" Radial Arm
- (2) Hammond-Foot Brute 4' Radial Arm (Jackknife Type)
- (1) Do-All 8" Pedestal Drill Press
- (1) Powermatic 6" Pedestal Drill Press

Equipment List – cont.

GRINDERS:

- (1) 6" X 18" Gardner Surface Grinder
- (1) 10" x 15" Gardner Surface Grinder
- (1) 10" x 24" Landis "OD" Grinder
- (1) 42" Mattison Rotary
- (1) 10" x 15" Landis Surface Grinder
- (1) #2 Boyer-Shultz Dual Grinder
- (1) 30" x 96" Mattison Surface Grinder
- (1) 18" x 60" Mattison Surface Grinder

TRYOUT PRESSES:

- (1) 500 Ton Verson with Helms Load Monitor
 - 48" x 96" Bolster 23" Shut Ht
- (1) 500 Ton Verson
 - 48" x 96" Bolster 34" Shut Ht
 - 24" COE Air Feed Line (installed fall 2006)
- (1) 350 Ton Hamilton
 - 46" x 84" Bolster 18" Shut Ht
- (1) 250 Ton Clearing
 - 72" x 96" Bolster 36" Shut Ht

INSPECTION EQUIPMENT:

- (1) 38" X 60" X 24" Checkmaster CMM
- (1) "FARO ARM" Portable CMM
- Misc Surface Plates and Precision Measuring Tools

SAWS:

- (1) Do-All 16" Band Saw
- (1) F 16-1 Wells Band Saw 18" x 18"
- (1) 1316 Wells Swivel Band Saw 12" x 18"

Equipment List – cont.

FABRICATION EQUIPMENT:

- (1) Lincoln Power MIG 300 Wire Feed
- (1) Lincoln Inverter V350 Pro Wire Welder
- (1) Lincoln 350 Amp TIG Welder
- (1) Pak Master 100 Hand Plasma
- (1) Cincinnati 12 ga. X 72” Squaring Shear
- (1) Chicago 12 ga. X 72” Press Brake

ENGINEERING EQUIPMENT:

- (1) CadKey 7.5L
- (1) AutoCad 2008
- (1) SurfCam 3.0
- (1) “E” Size HP DesignJet Plotter
- (1) #2510 Xerox Eng. Copier

TRUCKS:

- (1) 12,000# Electric Lifttruck
- (1) 8,000# Electric Lifttruck

BUILDING:

- (1) 17,000 sq. ft. including a 5,000 sq. ft. Die & Machine Assembly & Tryout area
- (1) 10 Ton Overhead Crane
- (1) 5 Ton Overhead Crane
- (9) 2 Ton Overhead Hoists
- (3) 1 Ton Overhead Hoists