

Equipment List

3/07/07

Lathes:

- (1) 4" X 10" Hardinge turret
- (1) 12" X 36" Rutland engine
- (1) 15" X 114" Cincinnati engine
- (1) 17" X 60" Millport gap bed engine w/DRO
- (1) 18" X 60" Sydney engine
- (1) 19" X 80" Summit (26" gap bed) engine w/DRO
- (1) 10" X 41" Mitsubishi M-TC10B CNC
- (1) 8" X 20" Mitsubishi M-TC8B CNC
- (1) 18" X 40" Proto Trak LX3 CNC
- (1) 10" X 51" Mori Seiki NL2500 Live-Tooling CNC

Vertical Milling Machines:

- (4) 9" X 42" table w/DRO
- (1) 9" X 49" table w/DRO
- (2) 10" X 50" table w/DRO
- (1) 31"X x 17"Y x 23.5"Z Trak CNC; 3HP 3-Axis
- (3) 10" x 50" Centroid CNCs; 3HP 3-Axis
- (2) 22"X x 16"Y x 18"Z Mitsubishi M-V4B CNCs
- (2) 31.5"X x 20"Y x 18"Z Mitsubishi M-V5B CNCs

EDM:

- (1) AGIE Wire Non-Submerged 4-Axis
X13.75" Y9.8" Z9.8" / 30° max angle.
Accuracies down to .0002"

Reverse Engineering:

- (1) Renishaw 3D Probe Digitizer 24" x 18" x 16"

CAD/CAM:

Full 3-D CAD/CAM Mill / Design / Solid Modeling.
Surface Modeling
Translators for DWG, DXF, IGES, STL, X_T, etc.

Horizontal Milling Machines:

- (1) 9" X 42" Wells Index
- (1) 16" X 79" No. 4 Cincinnati

Presses:

- (1) 100 ton hydraulic ram
- (1) 5 ton manual arbor
- (1) 3 ton manual arbor

Keyseaters:

- (1) Davis Model 15 1/16" - 1-1/2" Capacity

Drill Presses:

- (1) 1/2 HP floor model w/ 1/2"chuck
- (1) 1 HP floor model w/ 3/4" chuck
- (1) 3 HP Radial Arm w/ 8" column & 18" X 24"
- (2) 3/4 HP Magnetic (Portable) w/ 3/4" chuck

Surface Grinders:

- (1) 6" X 12" Boyer Shultz
- (1) 6" X 18" Covel
- (1) 12" X 24" Chevalier

Saws:

- (1) 18" throat Grob vertical
- (1) 24" throat Grob vertical
- (1) 4" O.D. / 6" flat capacity Wells horizontal
- (1) 12" O.D. / 17" Flat capacity DoAll horizontal
- (1) 10" O.D. / 12" flat capacity Johnson horizontal

Heat Treat Ovens:

- (2) 9" X 9" X 18" electric Thermolyne / 2000° F
- (1) 16" X 16" X 24" 500° F electric draw oven

Welders:

- (1) 250 amp AC/DC Idealarc Lincoln
- (1) 180 amp AC/DC TIG Syncrowave Miller
- (1) 300 amp Wire Feed Airco
- (2) 250 amp Wire Feed Milleromatics
- (1) 125 amp Wire Feed Welder Lincoln

Fabrication:

- (1) 42 ton hydraulic Iron worker
- (1) 14ga. X 8 ft. hand brake 814 Chicago
- (1) 16ga. X 3 ft. hydraulic shear

Forktrucks:

- (1) 6000 lb. Yale
- (1) 5000 lb. Caterpillar
- (2) 4000 lb. Raymond Reach Lifts
- (1) 5000 lb. Nissan