

MTR Facilities List

TURNING:

Ravensburg KH 55 CNC Facing Lathe

Capacity 90 HP
Maximum swing 63"
Maximum faceplate to turret 62"
Faceplate diameter 51.2"

Niles Engine Lathe

Maximum swing 42"
Swing over carriage 36"
Distance between centers 32"

Pratt/Whitney Engine Lathe

Maximum swing 16"
Swing over carriage 9"
Distance between centers 60"

American Engine Lathe

Maximum swing 18"
Swing over carriage 12"
Distance between centers 60"

Warner Swasey 1A Bar Machine

3" Throat
10.5 Cross slide travel
26" Carriage travel

MILLING:

DeVlieg HBM 4B-60

Spindle 4"
Turntable 36" x 60"
Machine Parameters: X = 60"
Y = 40"
Z = 15"

Wotan Model Rapid 1 R/6 CNC HBM

Spindle 4.750"
Machine Parameters: X = 80"
Y = 63"
Z = 40"

Lucas CNC HBM 6" Spindle

Floor Machine
Machine Parameters: X = 12'
Y = 6.5'
Z = 34"
35 HP

Cincinnati Planer

32" x 12' Table
36" Under Rail

Ravensburg Model S300 Slotter

Stroke 12.6"
Maximum incline 12 degrees
Throat 19.68"
"X" Travel 12.2"
"Z" Travel 21.25"

Waldrich Siegen Planer Mill

Siemens 840Di CNC Retrofit 2002
7.8' x 40.1' Table
9.8' Under Rail
Right Angle Head Attachments

INSPECTION EQUIPMENT:

MIL-I-45208A Certified

Renishaw Model ML 10 Laser
Interferometer System with XR20 Rotary
Axis Calibrator
Faro Ion Laser Tracker
Electronic Leveling Systems
Water Leveling System
Wire Micrometers
Wire Microscope
K&E Alignment Scope
4 Granite Surface Plates up to 4' x 8'
Granite and Iron Squares and Straight Edges
Manual & Electronic Indicators to .000005
Res.
OD Micrometers
ID Micrometers
Dial Bore Gauges to 24" .0001 Res.
Bendix Profilemeter
Brown & Sharpe Digital Height Check
Helmel Chek-Master Bridge Type



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INSPECTION EQUIPMENT CONTINUED:

Coordinate Measuring Machine
36" x 48" x 24" equipped with B&S
Micromasure III
Various miscellaneous measuring and setup
equipment

MISCELLANEOUS EQUIPMENT:

30- & 50-Ton Overhead Cranes in the
Machine Shop

60-, 40-, 20- & 15-Ton Overhead Cranes in
Assembly Bays

Hydraulic Pipe Bending to 6"
Hydraulic Pipe Threading to 6" NPT
Doall Metal Master Band Saw – 36" Throat
Stock Cutoff Equipment
Bead Blasting Booth
Auxiliary Core/Mig Welding to 400 amp.
Enclosed Spray Booth
75 Ton Hydraulic Press
Enerpac Jacks & Cylinders
Power Scrapers
Bearing Heaters



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