

JD MACHINE EQUIPMENT LIST

CNC MACHINING CENTERS

Mori Seiki NH4000 Horizontal Machining Center (2 ea)
180 Tool Capacity
4 Axis Milling Capability
6 Station Pallet System

Mori Seiki SV500 (1 ea)
3 Axis CNC Vertical Machining Center
20 Tool – Automatic Tool Changer

Mori Seiki NV5000 (1 ea)
3 Axis CNC Vertical Machining Center
30 Tool – Automatic Tool Changer

Fadal VMC 3016 (1 ea)
CNC Vertical Machining Center
20 Tool – Automatic Tool Changer

Mori Seiki NH5000 Horizontal Mill DCG
4 Axis Milling Capability
180 Tool Capacity
2 Station Pallet System

INTEGRATED MILL TURN CENTER

Mori Seiki NT4250SZ (1 ea)
5 Axis Milling Capability with Lower Turret

CNC TURNING CENTERS

Mori Seiki NL2500SY (3 ea)
Twin Spindle, Single Turret Lathe with Milling Capability
LNS Quick Load Bar Loader

Mori Seiki NL2000SY (2 ea)
Twin Spindle, Single Turret Lathe with Milling Capability
LNS Quick Load Bar Loader

Mori Seiki SL-15 (1 ea)
CNC Turning Center

Mori Seiki SL-150S (2 ea)
CNC Turning Center (Lathe)
Twin Spindle, Single Turret
LNS Quick-Load Bar Loader

Mori Seiki SL-15 (1 ea)
CNC Turning Center (Lathe)
LNS Bar Loader

Mori Seiki SL-150 (1 ea)
CNC Turning Center (Lathe)
LNS Quick Load Bar Feeder

INSPECTION EQUIPMENT

- Zeiss Eclipse CMM with Zeiss Calypso Software
- Numerex CMM with Zeiss Unitouch Plus Software
- Starrett Surface Plate Grade A
- Deltronic 14" Optical Comparator
- Baty 14" Optical Comparator
- Trimos Digital Height Gage
- Trimos Digital Programmable Height Stand
- Federal Pocketsurf Profilometer
- Mitutoyo Digital Calibration Micrometers
- Gage Pins
- Various Thread Gages
- Micrometers
- Sunnen Precision Bore Gages
- Calipers up to 48"
- Rockwell Tester

MANUAL MACHINING

- Bridgeport Manual Mills (2 ea)
- Mori Seiki Manual Engine Lathe
- Sunnen Model 1600 Hone (2 ea)
- Cincinnati Surface Grinder

DEBURR AND FINISHING

- Micro-Deburring 10x Magnification
- Ultrasonic Parts Cleaning System
- Micro-Blasting
- Abrasive-Blasting
- Roto Finish Tumble Deburring
- Hand Deburring
- Hardware Installations & Assembly
- Assorted Piecemarking Capabilities

SAWS

- Hem Vertical Band Saw with Automatic Feed
- Doall Vertical Band Saw

CAD / CAM

- Esprit Cad/Cam with Full Simulation
- Solid Works
- Catia V5

SHOP CONTROL

- M1 Shop Floor Control System
- Barcode Data Collection Centers