

## FACILITIES LIST

### TURNING EQUIPMENT

- **Hitachi Seiki HT25G** with Seicos-LIII Control  
Long bed CNC, 31.5" swing, 45" between centers,  
Steady rest 8.25" diameter capacity
- **Mori Seiki SL35** with FANUC 10T Control – CNC,  
24" swing, 35" between centers, 3.25" thru hole capacity
- **Mori Seiki SL4** with Yasnac LX1 Control – CNC, 25" swing
- **Mori Seiki SL1A** with Yasnac 2000G – CNC
- **Mori Seiki SLO** with FANUC 3T – CNC, LNS 12' bar feed
- **Okuma LS** – Engine, 22" swing, 52" between centers
- **Hardinge HC** – Precision chucker
- **Mori Seiki MS850** – Engine, 17" capacity
- **Victor 1640** – Engine 16" capacity

### E.D.M. EQUIPMENT

- **Sodick A320D** – Wire E.D.M.
- **Sodick AQ750L Premium** – Wire E.D.M.
- **Sodick A530D** – Wire E.D.M.

### WATER JET EQUIPMENT

- **Jet Edge 55-30A** with Allen-Bradley 9/Series Control  
30" x 30"

### MILLING EQUIPMENT

- **Deckel/MAHO DMU70V** with Heidenhain V330 Control  
Full 5-axis simultaneous CNC, horizontal/vertical
- **Deckel/MAHO DMU125P** with Heidenhain V400 Control  
Full 5-axis simultaneous CNC, horizontal/vertical
- **(2) Haas VF-3YT** with Haas Control  
CNC, vertical with extended "Y" travel
- **MAHO MH700C** with Phillips Control  
5-axis CNC, horizontal/vertical
- **(2) Haas EC-500** with Haas Control full  
4-axis, CNC, horizontal with pallet shuttle
- **Matsuura RA-IIIF** with Yasnac I80M Control  
CNC, vertical with pallet shuttle
- **Matsuura RA-IVF** with Yasnac I80M Control  
CNC, vertical with pallet shuttle
- **Matsuura MC-800F** with Yasnac I80M Control - CNC, vertical
- **Matsuura MC-1000VS** with Yasnac M5G Control – CNC, vertical
- **(2) Mori Seiki MV40** with Yasnac MX1 Control – CNC, vertical
- **Mori Seiki MVJR** with FANUC System 10M Control – CNC, vertical
- **Takisawa MAC-V2** with FANUC System 6M – CNC, vertical
- **(2) Bridgeport EZTrak** 3-axis CNC mill
- **(4) Bridgeport** – Conventional mill



## **FACILITIES LIST (continued)**

### **INSPECTION EQUIPMENT**

- **Zeiss Spectrum 1000** –CNC Coordinate Measuring Machine with Calypso Software
- **Mitutoyo B231** – Coordinate Measuring Machine with Mitutoyo Geopak Software
- Fully Computerized Instrument Calibration System with Automatic Tool Retrieval Data Function
- Computerized Real-Time S.P.C System with Direct Instrument Output Functions
- **Federal Dimensionair** – Air Bore Gauge
- **Tumico** – 14" Vertical Beam Comparator
- **(2) Sunnen** – 0" to 6" Dial Bore Gauge Setting Fixtures
- **(2)** Standard Gauge E.D.I. Surf Profilometer
- **Mitutoyo** – 40" Vernier Caliper
- **Mitutoyo** –24" Vernier Caliper
- **Mitutoyo** – 0" to 12" Micrometer Set
- 12"x72"x72" Certified Grade "A" Surface Plate
- **(5)** 24"x36" Certified Grade "A" Surface Plates

### **GRINDING EQUIPMENT**

- **Brown & Shape 618** – Micromaster Surface Grinder
- **Taft-Pierce** – 6"x8" Table Surface Grinder
- **Cuttermaster** – Tool and Cutter Grinder
- **(12)** Pedestal Type Grinders
- Various Graining, Belt and Disc Sanders

### **MISCELLANEOUS EQUIPMENT**

- **Epicor** Shop Floor Management Control System
- **(6)** Programming Workcenter with Multiple Format Translators
- **Surfcam** 3-D Solids Based Software Package, includes CNC Verification Program
- **Geopath** 3-D Solids Based Software Package, includes CNC Verification Program
- **(2) Sunnen Model 1802** Automatic Honing Machines
- **Enerpac** 200-Ton Capacity Hydraulic Press
- **Federal** 10-Ton Capacity Punch Press
- **Trinco** Sealed Environment Bead-Blast Machine, 48" Capacity
- **Cycloblast** Dry Honer Shot Peening Machine
- **Swedish** 48" Capacity Redial Drill
- **Sweco** 30" Diameter Vibrating Machine
- **Sweco** 24" Barrel-Type Tumbling Machine
- **DoAll** – 125" Band Saw
- **HE&M 750** Automatic Cut-Off Saw
- **(11)** Industrial-Rated Bench Mounted Drill Presses
- **Brother HI-TAP BTI-203** Tapping Machine
- **(2)Atlas Copco** High Volume Screw Type Air Compressor

