



## Capabilities Listing

### CNC Milling Centers

- Mori-Seiki SV-500-40** – 30 Tool, Vertical, 30 x 20 Table
- Mori-Seiki SV-500-50B** – 40 Tool, Vertical, 40 x 20 Table
- Mori-Seiki SV-500-40** – 40 Tool, Vertical, 30 x 21 Table, 2 Pallet
- (2) Mitsubishi MV5-B** – 30 Tool, Vertical, 38 x 18 Table
- Fadal 4020 VMC** - 21 Tool, Vertical, 40 x 20 Table
- Brother TC-S2B/0** – 14 Tool, Vertical, 23x12 table
- Mori-Seiki NH4000** – DCG – 60 Tool, Horizontal, 400mm x 400mm, 2 Pallet
- Mazak FH-480** – 90 Tool, Horizontal, 400mm x 400mm Pallet
- Mazak H-500-50** – 120 Tool, Horizontal, 500mm x 500mm Pallet
- (6) Mori-Seiki NH5000** - DCG - 60 Tool, Horizontal, 500mm x 500mm, 2 Pallet
- Mori-Seiki NH5000** - DCG - 120 Tool, Horizontal, 500mm x 500mm, 2 Pallet

### CNC Turning Centers

- (3) Mori-Seiki NZ 2000** – T3Y3 triple turret multi-tasking turning center
- Citizen M-32** - 13-axis capability, twin-spindle, internal multi-tasking
- (2) Citizen L720** – 7-axis capability, twin spindle, internal multi-tasking
- Mori-Seiki SL154** - 1 3/4 Bar w/Sub 8-Axis
- Mori-Seiki NL 2500** - 2-axis capability, 12 “ chucking capacity
- Hitachi HiCell 23** - 4-Axis
- Mori-Seiki SL-150** - 1 5/8 Bar Capacity (2 Axis)
- Hitachi 30 J** - 12” Chucking Capacity (2 Axis)
- Hitachi 20SII** - 10” Chucking / 2” Bar Capacity (2 Axis)



## **Grinding Equipment**

**Studer S31 Lean** - Universal 3 in 1 CNC Grinder (I.D., O.D., and Side)

**Voumard 130** - High Precision ID Grinder – 3 Spindle

**Chevalier** – SMART B1224II Surface/Creep Grinder

**Ex-Cell-O EXL** - Thread Grinder

**Cincinnati Size-Matic** - ID Grinder

**(2) Myford MG12-HPM** - Groove, Side, Collet and OD

**(2) Cincinnati M2H1W-455** - End-Feed Centerless OD

**Gallmeyer & Livingston GL-450** - 12 x 24 Creep Grinder

**Sunnen Stroker Hone** – ML 2000

**(3) Sunnen Hones**

## **Heat Treat Equipment**

**Abar-Ibsen HR** - 26 x 36 Vacuum Furnace with diffusion pump

**Deep Freeze Unit**

**Blue-M Draw Furnace**

## **Miscellaneous Equipment**

**Brown & Sharpe Servo CMM & (2) Brown & Sharpe Manual CMM**

**Model 3A Mini-Broach** – 10 ton capacity, 38” Dull Stroke

**Mitsubishi FA20S Submerged Wire EDM**

**Mitsubishi 8-Tool CNC E.D.M.**

**Mitsubishi ED-2000M** – Manual e.d.m. drill (Holepopper)

**Controllaser CNC Laser Marker**

**(6) Misc. Tumbling Machines**

**Serration Roller**

**Non-destructive Testing (Fluorescent Penetrant + Magnetic Particle)**



## **Miscellaneous Equipment (Cont.)**

**General Assembly**

**(3) Ultrasonic Cleaning Stations**

**DURR EcoClean Parts Washer**

## **Production Support Resources**

**Gibbs + ESPRIT – CAM Software**

**SolidWorks – Engineering Software – 3D Assemblies/Drawings**

**Epicor/Avante ERP**

**Epicor Advance Quality Powered by IQS, Quality Management Software**

**Wireless DNC System**

**MPX Simulation Software**