

- **Production Milling**
- **Production Turning**
- **Component Assembly Including Fabrication and Welding**

Milling Department

- 3 Matsuura MC-800 VGDC 15,000 RPM Twin Spindle CNC Mill 20" x 30" Travel, 16" between centers with full 4th axis
- 1 Matsuura MC-1000 VGX 12,000 RPM CNC Mill Full 4th axis, 22" x 40" travel, 30 tools
- 2 Matsuura RA-3GII 12,000 RPM CNC Mills 20" x 30" travel, Automatic Pallet Changer, 40 Station Tool Changer
- 3 Matsuura 600VGDC Twin Spindle CNC Mills 14" x 20" travel, 12" between centers – 15,000 RPM
- 1 Matsuura 510 Single Spindle CNC Mills 14" x 20" travel – 6,000 RPM
- 1 Matsuura 510 Single Spindle CNC Mill 14" x 20" travel, 15,000 RPM
- 1 Matsuura RA-1F Single Spindle CNC Mill 15.7" x 20" travel with automatic pallet changer
- 3 Mori Seiki NH4000 Horizontal Milling Machines 22" x 22" x 24.8" travel, 14,000 RPM, 24 H.P. Full fourth axis, two pallets, 60 tool changer
- 2 Matsuura ES-550V CNC Mills – 16"x 21" travel 15,000 RPM
- 1 Mori Seiki NH4000DCG Horizontal Milling Machine 22" x 22" x 24.8" travel, 14,000 RPM, 24 H.P.

Milling Accessories

- 3 Twin Rotary Tables 4th Axis
- 2 Auto Index Tables
- 1 Nikken 5th Axis Indexer

Inspection Department

A complete inspection facility which complies with MIL-I-45208-A, including 5 Coordinate Measuring Machines, including two Zeiss (1 – Spectrum & 1 – Contura) both with VAST Scanning Sensor System.

Turning Department

- 1 Mori Seiki NL2000Y CNC Lathe w/milling capability and "Y" Axis, 30 HP turning, 7.5 HP each milling head
- 2 Mori Seiki NL2000MC CNC Lathe w/milling capability, 30 HP turning, 7.5 HP each milling head
- 1 Eurotech 735SL-Y CNC Lathe w/milling capability, "Y" axis and LNS barfeeder, opposing twin spindles
- 1 Dainichi F35 CNC Lathe 16" Swing, 45" turning length, 3 ½" bar capacity repeatability .0003
- 1 Mori Seiki CL-20 CNC Lathe repeatability .0002, 15 HP, 2 ½" bar capacity
- 1 CL-15 Mori Seiki CNC Lathe 10 HP, repeatability .0002
- 1 Acer Engine Gap Lathe with DRO, 10 HP
- 2 Hardinge Chuckers

Grinding Department

- 1 Toshiba Blanchard Grinder 36" table
- 1 Sunnen Hone
- 1 Okimato 6" x 12" Surface Grinder

Metal Cutting Department

- Do All Metal Cutting Band Saw – 12" capacity
- 1 Amada HA-400 Automatic Part-Off Saw – up to 14" diameter
- 1 Startrite Model 316F Vertical Band Saw
- 1 Amada HA-250 Automatic Part-Off Saw – up to 10" diameter

Welding Department

- 1 Miller Syncrowave 300 T.I.G. and Arc Welder
- 1 Miller M.I.G. 300 Amp Welder with Oxy-Acetylene Brazing capacity

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