

FACILITIES LIST

CNC Machining Cells

- Enshu JE80S horizontal machining cell consisting of Four machines in a 40 Pallet Flexible Manufacturing System. Machine Travel: 31.5 x 31.5 x 31.5 in.
- MORI SEIKI SH-63 horizontal machining cell consisting of Two machines in a 14 Pallet Flexible Manufacturing System. Machine Travel: 33.2 x 33.9 x 33.2 in.

Standalone CNC Machining Centers

- TOYODA FH800SX-I HMC with 302 tool magazine and 24 pallet flexible manufacturing system. Travel: 57.24 x 49.36 x 61.17 in.
- DOOSAN VCF 850L vertical machining center. Machine Travel: 118.1 x 33.5 x 31.5 in.
- Enshu GE480H HMC (31.5 x 31.5 x 31.5 Travel) with 6 pallet carousel flexible manufacturing system – Machine Travel 31.5 x 31.5 x 31.5 - **New in December 2023**
- (2) MORI SEIKI SH-63 horizontal machining centers. Machine Travel: 33.2 x 33.9 x 33.2 in.
- CINCINNATI 10VC-1000 vertical machining center. Machine Travel: 40.0 x 20.0 x 25.0 in.
- MORI-SEIKI M-300L vertical machining center. Machine Travel: 63.0 x 19.7 x 18.5 in.
- Mazak VTC 250D/50 vertical machining center. Machine Travel 69.1 x 25.1 x 26.1 in.
- (3) DMGMORI MILLTAP 700 vertical machining center. Machine Travel: 27.6 x 16.5 x 15.0 in.
- MORI SEIKI CL-25B horizontal lathe. Machine Travel: 17.7 in. dia. X 17.7 lg
- MORI SEIKI NLX 2500/500 horizontal lathe. Machine Travel: 18.1 in. dia. X 19.7 lg
- Mazak Quick Turn Univ. 350 horizontal lathe – 3.0” dia. X 20” lg
- MITSUBISHI RA-90 wire EDM and MITSUBISHI FA-10S wire EDM.

Additional Equipment

- (24) Acme-Gridley AG-6 Screw Machines, some 1-3/8” bar, some 1-5/8”, all PLC retrofitted
- Automated Parts Washers – GUYSON, HOTSY, RAMCO, fully equipped tool room, saws and grinders
- FANUC M710 Robot , 250 parts in queue, 24/7 lights out operation

Measuring Machines

- Mitutoyo B-241 CMM
- Mitutoyo EH-706 CMM
- HELMEL Microstar DCC CMM
- OGP XL-14 optical comparator
- SCHERR TUMICO optical comparator
- PARLEC Series P2500 tool presetter
- PARLEC Series 260 tool presetter