



Facility/Equipment List

Turning Centers

Mori Seiki SL2A	10" chuck, 16" turning length, 20" swing, 10-position turret, 2-1/2" bar feeder
Mori Seiki SL25	10" chuck, 24" turning length, 20" swing, 10-position turret, 2-1/2" bar feeder
Mori Seiki SLOO	6" chuck, 7.5" turning length, 7.5" swing, 10-position turret, 1.25" bar feeder
Mori Seiki SLOF	6" chuck, tailstock, 1-1/4" bar feeder
Mori Seiki CL2000BT	10" chuck, tailstock, 22" max turning length, 16.5" max turning diameter

Mill/Turn Centers

Mori Seiki MT2000	twin spindles, lower turret w/live tools, 5-axis Capto milling head, 40 tool capacity, 2 1/2" bore
Mori Seiki ZT1500YB	2 spindle/2 turret, C-axis/Y-axis milling capability, 2" bar feeder
Mori Seiki NZ2000 T2Y2	7-axis twin-spindle, twin-turret w/live tools, C-axis/Y-axis milling, 2 1/2" bore, 1000 PSI coolant
Eurotech 710SSL	7-axis simultaneous twin spindle, twin turrets, live tooling, parts catcher

Milling Centers

Mori Seiki DuraCenter w/4 th axis rotary option	31.5"x20.1"x20.1" travel, 20 tools, 20 HP, 40 taper 12,000 RPM spindle, 1000 PSI coolant
Mori Seiki DuraCenter w/4 th axis rotary option	31.5"x20.1"x20.1" travel, 20 tools, 20 HP, 40 taper 12,000 RPM spindle, 1000 PSI coolant
Mori Seiki DuraVertical w/4th axis rotary table	23.9"x20.9"x20.1" travel, 30 tools, 20 HP, 40 taper 10,000 RPM spindle, 1000 PSI coolant
Mori Seiki DuraVertical w/4th axis rotary table	23.9"x20.9"x20.1" travel, 30 tools, 20 HP, 40 taper 10,000 RPM spindle, 1000 PSI coolant
Okuma MC-V4020 w/4 th axis	40"x20"x17.7" travel, 32 tools, 15 HP, 40 taper 15,000 RPM spindle, 1000 PSI coolant
Okuma MC-V4020 w/4 th axis	40"x20"x17.7" travel, 32 tools, 15 HP, 40 taper 15,000 RPM spindle, 1000 PSI coolant
Okuma MC-V4020 w/4 th axis	40"x20"x17.7" travel, 32 tools, 15 HP, 40 taper 15,000 RPM spindle, 1000 PSI coolant
Miyano MTV-T350	19.7"x14.9"x9.8" travel, 15 tools, 7.5 HP, 10,000 RPM spindle, 1890/1890/1400 IPM rapid traverse
Fanuc Drill Mate	19.7"x14.9"x11.8" travel, 10 tools, 7.5 HP, 10,000 RPM spindle, 1890/1890/1400 IPM rapid traverse
Kitamura MyCenter H400 (Horizontal)	(2) 400 mm pallets, full B-axis, 100 tool station, 10,000 RPM spindle, thru-spindle coolant
Mori Seiki SH403 (Horizontal)	(2) 400 mm pallets, 22.05"x20.08"x20.08" travel, full B-axis, 60 ATC, 10,000 RPM spindle, 1K PSI coolant

Swiss-type Screw Machines

Citizen L25	25mm, 6-axis control, dual spindles, 17 tool capacity w/4 live tools, 1" bar feeder
Citizen L32	32mm, multi-axis headstock, dual spindles, 1.250" bar feeder
Tsugami BE19	3mm to 19mm diameter, multi-axis headstock, dual spindles, .8125" bar feeder

Quality Equipment

Zeiss Eclipse DCC CMM (fully automated)
Fowler Trimos V600C 24" Electronic Height Gage
Brown & Sharpe MicroVal CMM w/Reflex software
Micro-Vu Spectra Optical Comparator
Climate and humidity-controlled calibration lab
Variety of handheld precision measuring instruments
JobBOSS quality by uniPoint software system

Engineering & IT

Autodesk FeatureCAM Ultimate full-seat
DP Technology Esprit CAM system
SolidWorks CAD system
JobBOSS ERP shop management software system
Multiple engineering seats
Maker Bot Replicator 3D printer
Independently climate-controlled & cardkey secured server room w/encrypted firewall and offsite backup
Facility wide cardkey access and 24-hour video surveillance

Miscellaneous

Webb engine lathe	15-1/2" swing, digital controls, 40" bed
Harig Super 612 Surface Grinder	6" x 12" Magnetic Chuck
Sunnen MBB-1660 Precision Honing Machine	
7.5" max diameter automatic horizontal saw	
48" Almco vibratory finisher	
24" Sweco vibratory finisher	
Hardinge Super-precision chucker	
Darex SP2500 drill sharpener	
Multiple factory air compressors for redundancy	
Electronic inventory control system in secure tooling area	
Internal Facility/Equipment Maintenance department	