



2011 FACILITIES LIST:

MILL/ TURN

- Mazak Integrex i 200S, CNC Mill/Turn, main spindle 8", subspindle 8", bed 40", milling spindle 12,000 rpm, 36 tool magazine

TURNING CENTERS

- Mori Seiki NL-2500/700 CNC Lathe, 8" chuck, programmable live tooling and Y axis
- Mori Seiki NL-2000 CNC Lathe, 8" chuck, programmable center
- Mori Seiki CL-25 CNC Lathe, 10" chuck
- Mori Seiki CL-200B/500 CNC Lathe, 8" chuck
- Mori Seiki CL-200A/500 CNC Lathe, 8" chuck
- Track TRL-2460SX with CNC control, 24" diameter swing, 60" turning length
- Nardini 16" x 60" engine lathe with digital readout, 5C collet system, assorted tooling
- Turning Capacity up to 24" dia or 60" long

MILLING CENTERS

- Kitamura HX400iF horizontal CNC Machining Center, 18 hp, 4th axis rotary table, 29"x24"x24" travel, 16"x16" table, pallet changer, 50 station tool changer, 20,000 rpm, high pressure coolant system
- Kitamura HX300iF horizontal CNC Machining Center, 18 hp, 4th axis rotary table, 20"x20"x19" travel, 12"x12" table, pallet changer, 40 station tool changer, 20,000 rpm, high pressure coolant system
- Mori Seiki SV-503/40 vertical CNC Machining Center, 30 hp, 31.5"x20"x20" travel, 43"x23" table, 20 station tool changer, 10,000RPM
- Mori Seiki SV-500/40 vertical CNC Machining Center, 30 hp, 31.5"x20"x20 travel, 43"x23" table, 20 station tool changer, 10,000RPM, Chip Blaster high pressure coolant system
- Supermax CNC-40 milling machine, 3 hp, 29.5"x15.5"x5" travel, 9"x49" table, flood coolant
- Supermax YCM-16VS milling machine, 3 hp, 49" table, power feed, power drawbar, digital readout
- Supermax YCM-16VS milling machine, 3 hp, 49" table, power feed, power drawbar, digital readout
- Bridgeport Series 1, variable speed 1.5 hp, 42" table, power feed, power drawbar, digital readout

GRINDERS

- K.O. Lee Scepter CNC Cylindrical Grinder, 10" grinding dia, 20" between centers
- Acer Supra 1428 automatic surface grinder with 12"x24" variable fine pole magnetic chuck, flood coolant
- 612 Harig surface grinder with variable chuck, digital readout, digital opti-dress
- 612 Harig surface grinder with variable chuck, digital readout, manual opti-dress
- 618 Harig surface grinder with variable chuck, digital readout
- (2) Harig 612 surface grinders with magnetic chucks and digital readout
- (3) Imperial Newbould Grindit model 300 fixture with v-block, magnetic chuck, 5C collet system
- Harig Center grinding fixture
- Do-All grind fixture with 3C collet system, centers

INSPECTION EQUIPMENT

- Brown & Sharpe Global Classic CNC Coordinate Measuring Machine 20"X 20"Y 20"Z
- Brown & Sharpe Reflex Coordinate Measuring Machine, 14"X 16"Y 12"Z
- Keyence LS-7010 MT Laser Micrometer .002--240 range
- Sheffield Precisionaire Air Gage
- OGP 14" optical comparator edge sensing
- J&L 14" optical comparator 10x-61.5X
- 13" Mitutoyo height gage
- 6" Brown & Sharpe height gage
- Mitutoyo electronic surface finish gage
- Mitutoyo bore gages .240"-10.000"
- Mitutoyo Tri-Mic bore gages .275"-3.000"
- Enco Rockwell tester
- Full complement of surface plates, o.d. mics, i.d. mics, ceramic gage blocks, gage pins, thread gages, indicators, depth mics, calipers, etc.

SUPPORT EQUIPMENT

- Hansvedt CS-2 Tradesman EDM with 10"x13" table travel, 8" ram travel, .0001 digital readouts
- Sunnen MBB-1600 honing machine
- Matthews model 2324 computerized indent marketing system.
- Armada HA250W automatic band saw
- (2) Roll-In 14.5" band saw
- 25 gallon vibrating tumbler