



FACILITY LIST

Wire EDM Machines:

(9)- Brother HS-70am 4-Axis Wire EDM. (Capable of cutting up to 45 degree tapers)

X and Y axis stroke: 16.1" x 10.2"

Z axis stroke: 6.7"

Maximum work piece weight: 770 lbs.

(2)- Brother HS-50A 4-Axis Wire EDM. (Capable of cutting up to 30 degree tapers)

X and Y axis stroke: 16.1" x 10.2"

Z axis stroke: 9.0"

Maximum work piece weight: 770 lbs.

(4)- Brother HS-5100

X and Y axis stroke: 16.1" x 10.2"

Z axis stroke: 10.00"

Maximum work piece weight: 770 lbs.

(1)- Charmilles 440cc

2 X and Y axis stroke: 21.65" x 13.78"

Z axis stroke: 15.75"

Maximum work piece weight: 3300 lbs.

Sinker EDM Machines:

(1)- Charmilles Roboform 51 CNC w/ 5 station electrode changer

X and Y axis stroke: 23.68" x 15.74"

Z axis stroke: 17.71"

Maximum work piece weight: 2205 lbs.

1)- Charmilles Roboform 23P CNC w/ 5 station electrode changer

X and Y axis stroke: 23.68" x 9.85"

Z axis stroke: 9.85"

Maximum work piece weight: 440 lbs.

CNC High Speed EDM Drill:

(2)- Belmont SY CNC4060 w/ 24 station electrode changer

X and Y axis stroke: 23.6" x 15.7"

W axis stroke: 13.5"

Z axis stroke: 15.7"

Maximum work piece weight: 1750 lbs.

(1) Sodick K1C Small Hole EDM

X and Y axis stroke: 7.87" x 11.8"

Z axis stroke: 11.8"

Maximum work piece weight: 100 lbs

CNC Milling Machines:

(1) Tree VMC-1060 w/ 24 station tool changer

X and Y axis stroke: 40" x 24"

Z axis stroke: 25"

Maximum work piece weight: 2900 lbs.

Max Spindle Speed: 8000 rpm

(2) Mori-Seiki NV7000 w/ 30 station tool changer

X and Y axis stroke: 60.6" x 29.9"

Z axis stroke: 26"

Maximum work piece weight: 4400 lbs.

Max Spindle Speed: 14,000 rpm

(1) OPS Ingersoll 600 High Speed Vertical CNC Milling Machine

X and Y axis stroke: 23.6" x 13.8"

Z axis stroke: 11.81"

Maximum work piece weight: 2900 lbs.

Max Spindle Speed: 40,000 rpm

CNC Turning Centers:

(2) MORI SEIKI NL-2500Y/700 CNC LATHE, TURNING CENTER

Chuck Size: 10"

Max Bar Diameter: 3.1"

Max Swing over Bed/ Cover 36.4"/ 26.8"

Max Turning Diameter: 10.8"

Max machining Length: 27.7"

Spindle Speed: 4000 rpm

Milling Speed: 6000 rpm

Tooling: Live

X axis stroke: 10.2"

Z axis stroke: 31.3"

Y axis stroke: +/-2.0

C-Axis index: .001 degrees

Manual Milling Machines:

- (2) Chevalier FM-3VKH 10" x 50" Variable Speed Knee Mill

Surface Grinding Machines:

- (1) Chevalier FSG-618 Surface Grinder
6" x 18" table travel

Inspection Equipment:

- (1) Mitutoyo PH-A14 Optical Comparator w/2axis Display
- (1) STARRETT-Model-HB400-Optical-Comparator-Profile-Projector-w-DRO & CPU with QC4000
- (2) Mitutoyo 570-312, HDS Digital Height Gage, 12" X .00005"/0.001mm, With Output
- (1) Mitutoyo Toolmakers Microscope w/ Mitutoyo 164-162 Digimatic X,Y HEADS (.00005")
0 -2" Range.
- (2) OMAX 10X-80X Digital Zoom Trinocular Stereo Microscope with Dual Illumination System and
Extra Wide Base and 3.0MP USB Camera.
- (1) Mitutoyo PH-A14 Optical Comparator w/2axis Display
- (1) STARRETT-Model-HB400-Optical-Comparator-Profile-Projector-w-DRO & CPU with QC4000
- (2) Starrett Model 85110 (36" x 48" x 8" thk.) Granite Tables
- (Many) Calipers, Micrometers, depth gauges, gauge blocks, gauge pins, etc.