



Equipment List

CNC Lathes

- 1 Haas ST-30, New 2012, s/n 3094189, 21" Dia. x 26" Length, 30 hp.
- 1 Haas SL-40, New 2003, s/n 65770, 25" Dia. x 44" Length, 40 hp.
- 1 Cincinnati Talon 208 , New 1994 s/n 6808V0893139, 11.8" Dia x 20", 20 hp.
- 1 Haas HL-4, New 1997, 24" dia x 34", 30 hp.

Conventional (sinker) EDM

- 1 Mitsubishi EX22 , new 1997, C-Axis (Orbit),15 x 19 x 16 capacity, 80 amp power source.

Wire EDM

- 1 Mitsubishi FX20K , new 1998, s/n 08K20152, 15 deg taper, 20"X14"X12" capacity, submersible
- 1 Agie Agiecut 250 HSS, new 1995, s/n 187.002

EDM Hole Popper

- 1 Genspark America, model DZNC TD-25, 12" X 12" X 16" table (Z)

Jig Grinders

- 2 Moore Model 3_, 11"X24" table, Mitutoyo DRO mdl PM32-L, s/nG902 and G418

Jig Borers

- 2 Moore Model B-18_s/n B-1903/B-1904, new 1988, Anilam DRO

CNC Vertical Milling Machines

- 1 Haas VF6, 20 station ATC, new 1996, 64"X32"X30" travel, 4th axis, 15 hp
- 1 Haas VF4, 20 station ATC, new 1996, 50"X20"X25" travel, 5th axis, 15 hp
- 2 Haas VF3, 20 station ATC, new 1997, 40"X20"X25" travel, 4th axis, 15 hp
- 1 Haas VF2, 24 station ATC, new 2005, 30"X16"X20" travel, 4th axis, 20 hp, 10,000 rpm.
- 1 Haas VF9, 40 station ATC, new 2008, 80"X40"X30" travel, 5th axis, 30 hp, 10,000 rpm

CNC Universal Milling Machine

- 1 Haas UMC-750, new 2014, 30"X20"X20" (XYZ) Full 5 axis 30 hp., 8100 rpm

CNC Support Equipment

- 1 Haas TRT210 - 2 - Axis Tilting Rotary Tables
- 1 Haas TR310 Trunnion style - 2 - Axis Tilting Rotary Table

Bridgeport Milling Machines

- 1 S/N 272743, 2 hp series I variable speed, 48"table, power feed, Acurite DRO
- 1 S/N 274786, 2 hp series I variable speed, 48"table, power feed, Acurite DRO
- 1 S/N 272735, 2 hp series I variable speed, 48"table, power feed, Acurite DRO
- 1 S/N 270790, 2 hp series I variable speed, 48"table, power feed, Acurite DRO
- 1 S/N 21820, 2 hp series I variable speed head, 42" table, power feed, Mitutoyo DRO
- 1 S/N 124DB453576, TRAK K3-EMX Knee Mill, new 2013, 32"X15.5", 2 axis CNC
- 1 S/N , 3hp TRAK K3-SX Knee Mill, new 2013, 32"X16", 2 axis CNC



Equipment List

Engine Lathes

- 1 Mori Seiki MS1250G, s/n 10406, new 1978, 17" X 80" capacity, Mitutoyo DRO
- 1 Hardinge HLVH, s/n 10502T, 11" X 18", Acurite III DRO
- 1 TRAK Lathe, New 2012, s/n 124CH453567, 16" Dia. X 30" w/ProtoTRAK SLX CNC

Surface Grinders

- 1 Okimoto, 12"X 24" capacity
- 1 Okimoto, 6"X 18" capacity
- 1 Boyar Shultz 6-18, s/n C1217
- 2 Boyar Shultz 6-12, s/n 16754, 8668
- 1 Harig 618W, s/n 4149

Miscellaneous Fabricating support Equipment

- 1 DoAll vertical bandsaw
- 1 HEM horizontal bandsaw 750A, s/n 50878
- 1 Thermotron Oven, with chart writer

Inspection Equipment

- 1 Zeiss Eclipse 700, CNC Coordinate Measuring Machine (CMM), New 2002, with RDS, Renishaw Probe and Calypso software.
- 1 Surface Plate 3' X 6' Grade A
- 2 Interapid Dial Indicators .0001
- 1 (Set) Outside Micrometers 0"-28"
- 1 (Set) Inside Micrometers 0"-12"
- 1 Mitutoyo model PH-A14, 14" Optical Comparator with QM-Data 200
- 1 (Set) Mitutoyo Blocks .050-4" Grade 2
- 1 Moore Sine Plate 10"
- 1 (Set) Bore Gages .150-6"
- 1 Wilson Rockwell Hardness Tester
- 1 Nikon 10X Microscope, video feed, Mitutoyo digital micrometer heads.
- 1 Precisionaire column and related air gages.
- 1 Mahr Federal 24" digital height gage, model 817 CLM

Electronic Communication and Climate Control

We can view and make CAD files.

We utilize Mastercam, Virtual Gibbs, Solidworks and Esprit software for CNC programs.

Our entire 12,000 sq. ft. manufacturing area is temperature controlled.