



Custom Machinery
and Manufacturing
since 1944

FACILITIES

ASSEMBLY BAY FACILITIES

40' x 225' 3 Ton Crane
40' x 175' 3 Ton Crane
40' x 150' (2) 5 Ton Cranes 55,000
Total Sq. Ft.
FOD & ESD Assembly & Manufacturing Test
Room (1,800 sq. ft.; 45' x 40')

QUALITY ASSURANCE LAB

Zeiss 10166 Spectrum CMM: 39.4" x 63" x 23.6"
Zeiss Spectrum III CMM: 27.5" x 39.4" x 23.6"
Vermont VP15 Comparator
Rahn AA surface plate 48" x 60"

ADDITIVE MANUFACTURING (3D PRINTING)

Stratys Fortus 380mc - Fused Deposition Modeling (FDM)
Build Envelope: 14" x 12" x 12"
Materials: ABS, ASA, PC, Nylon

CNC MACHINES

HAAS DS-30Y Dual Spindle & Y Axis Turning Center 18" x 23" w/ bar feeder
HAAS VF9 Vertical Milling Center 84" x 40" x 30" (30 tools)
Hardinge Milling Center High Torque VMC 1000 II 40" x 20"
Hardinge Turning Center Quest 8/51
HAAS TM2 Vertical Toolroom Machining Centers 40 x 16 x 16 (10 tools)
HAAS VF-1 Vertical Machining Center 20 x 16 x 20 (20 tools)
ProtoTRAK LPM with 4th Axis 31" x 18.5" x 21" (16 tools)
Mori-Seiki Milling Center 22" x 16" x 18" (30 tools)
Mori-Seiki Turning/Mill Center Model SL 1 5-M (12 tools, 6 milling heads) w/ bar feeder
Mori-Seiki MV-65 Vertical Milling Center 60 x 26 x 25 (30 tools)
Doosan Lynx 2100LYA Y Axis CNC Lathe
Doosan DVF 5000 5-Axis Mill (uses Powermill & Complete)



CONTACT US

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LEARN MORE
ABOUT MICRO

JIG GRINDER & JIGBORE

Moore: Model G-18, Working Capacity 11 x 24, Accuracy .00005, with 2 Axis: Digital readout (inches and metric)

Moore American Models #3, Working Capacity 11 x 24 Greatest error in 1" - 30 millionth, Greatest error in 18" - 90 millionth, with 2 Axis Digital Readout (inch or metric)

Hauser Model M-5, Working Capacity 20 x 28 Accuracy .0002

BORING MILLS

Wotan 3 Axis CNC Horizontal Boring Mill #B-105 Teletrol III 71" Cross, 54" Vertical and 39" Long, 43 x 55 Power Rotary Table and 20" Spindle Travel

LATHES

Monarch Model 9311 with 18 ½" swing

American Modern 1440 CNC Lathe with 14 x 40 working cap

Hardinge 10" tool room lathes

Web 16" tool room lathe

MILLS

All utilize CAM or direct programming

(23) CNC Tool Room Mills capable of milling, drilling, contouring and boring to exacting tolerances

Huron Milling Machine

EDM

Mitsubishi FA20 500 mm x 350 mm x 300 mm (19.6" x 13.7" x 11.8")

Mitsubishi Conventional EDM (18.6" x 13.2" x 12.6") Mitsubishi ED 20005 Hole Popper

SURFACE GRINDERS

Accu-Grind, Accuracy 1 micron & Accu-Grind, Accuracy .0001"

Cylindrical Grinder

Dedtru Centerless Grinder

Primary NAICS Code: 332710

Secondary NAICS Codes: 332721/ 333514/ 336413/ 333249

CAGE CODE: 0JHY2

DUNS NUMBER: 002211498

ITAR Registered

Quality Management System: ISO 9001 + AS9100

Tax ID #: 16-0818517

CERTIFICATIONS

