



PRODUCTION FACILITIES LIST

Production facility: 30,000 square feet in Westford, MA

Quality Control

- 1 DEA Coordinate Measuring Machine
- 1 Vision Engineering Dynascope 100X
- 3 Browne & Sharpe Micro-height units
- 4 Deltronic DH-14 Comparators
- 1 Deltronic DH-16 Profile Comparator
- 12 Surface Plates
- 12 Nikon Micro-Scopes 50X
- 1 Full Set of Plug & Ring Thread Gages
- 4 Sets of Gage Pins 0.031-1.000
- 2 Federal Profolometer
- 1 Rockwell Model 4-JR Hardness Tester
- 1 Sunnen Bore Gages

CNC Turning

- 2 Citizen E-25 w/12' Bar Feed
- 1 Citizen M-20 w/12' Bar Feed
- 2 Hardinge CHNC w/1-5/8 Bar Capacity
- 1 Nakamura SC-150 Twin Spindle Multi Axis with Live tooling
- 1 Nakamura SC-200, 2.5 dia bar capacity with tail stock
- 1 Nakamura WT-150 Multi Axis with Live Tooling
- 2 Nakamura TMC-18 with Live Tooling
- 1 TW-10 Twin Spindle with Live Tooling
- 1 TW-10 Y Twin Spindle with Live Tooling
- 1 SC-250 with tail stock

CNC Milling

- 2 Matsuura MC-600 with 4th Axis capability
- 1 Matsuura ES-800 with 4th Axis capability
- 1 Matsuura MC-600 Twin Spindle
- 1 Matsuura MC-510
- 1 Kitamura Mycenter-2X
- 1 Fanuc Robo Drill T10
- 1 Fanuc Robodrill T21
- 5 CNC Haas Indexing Units
- 2 Tsudakoma Full 5Axis Rotary Units
- 1 Matsuura MC-660

EDM

- 2 Fanuc Wire Model OC
- 4 Fanuc Wire Model OIA
- 1 Fanuc Wire Model OIC
- 1 Fanuc Wire Model OID
- 2 Top EDM Small Hole EDM
- 1 Exeron CNC conventional EDM

Prototype

- 2 Hurco VM-1 Machining Centers
- 1 Hass TM-1 CNC Machining Center
- 2 Bridgeport/Proto-Trak Control
- 1 Bridgeport with Digital Read Outs
- 1 Proto-Trak LX2 CNC Lathe
- 1 Moore Jig Borer with Acu-rite Digital Read out
- 3 Hardinge Tool Room Lathes with Digital Read Outs
- 1 LeBlond 15" x 60" Manual Lathe

CNC Laser Marking Capabilities

- 3 Rofffrn-Bossil Laser Markers/ 4th Axis capabilities

Secondary Equipment

- 2 Heat treating ovens 60" capacity
 - 2 AutoFeed cutoff Saw
 - 1 Harrig Surface Grinder 6" x 18"
 - 1 Sunnen Honing Machine
 - 1 Crest Ultrasonics Cleaning System Model OJ4-1218
 - 1 Crest Ultrasonics Cleaning System with Passivation Model OJ4-1218
 - 2 Trinco Glass Bead Systems
 - 1 Zero Glass Bead System
 - 2 Vibratory Tumblers 3 Cubic feet
 - 1 Agathon Tool Grinder
 - 1 Zero Tumble Blast Cabinet
 - 3 Dynabrade Buffing Units
- Complete Automated & Manual Deburring Department

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