



PRODUCTION FACILITIES LIST

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

ISO 9001, ISO 13485, FDA & ITAR Registered

Quality Control

- 1 Keyence IM-7030T Measuring System
- 1 Keyence IM-6225 Measuring System
- 1 Sprint Ram Optical Vision 200
- 1 DEA Coordinate Measuring Machine
- 1 Vision Engineering Dynascope 100X
- 3 Brown & 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
- 2 Federal Profolometer
- 1 Rockwell Model 4-JR Hardness Tester
- 1 Sunnen Bore Gages

CNC Turning

- 1 Citizen Cincom L20 w/12" Bar Feed
- 1 Citizen Cincom M420V w/ 12" Bar feed 10 Axis
- 1 Citizen M20 w/12" Bar Feed
- 1 Nakamura AS-200 w/Tail Stock & Y Axis
- 1 Nakamura TMC-18 with Live Tooling
- 1 Nakamura TW-10 Y Twin Spindle w/ Live Tooling
- 1 Nakamura SC-250 with Tail Stock

CNC Milling

- 2 Fanuc Robodrill D21
- 2 Fanuc Robodrill T21
- 1 Fanuc Robodrill T21 with 4th Axis Capability
- 1 Feeler HV-800 DM
- 3 CNC Haas Indexing Units
- 1 Tsudakoma Full 5 Axis Rotary Units
- 1 Fanuc Robodrill D21 w/ Pallet Changer

EDM

- 3 Fanuc Wire Model a-C400ia
- 2 Fanuc Wire Model a-OID
- 2 Fanuc Wire Robocut Model a-OIC
- 2 Top EDM Small Hole EDM
- 1 Exeron CNC conventional EDM
- 1 Ocean 500 Technology CNC Hole Pop

Prototype

- 1 Hurco VM-1 Machining Centers
- 2 Bridgeport with Digital Read Outs
- 1 Proto-Trak CNC Lathe SLX
- 1 Proto-Trak DMP2 3 Axis CNC Miller
- 3 Hardinge Tool Room Lathes, 2 with Digital Read Outs
- 1 Fanuc Robodrill D21LiA5

CNC Laser Marking & Welding Capabilities

- 1 FOBA Laser Marking Machine; M2000P with UDI Capabilities
- 1 Electrox 600 Group MaxBox Plus
- 1 OR Lasertechnology SYS ECO 4600 Laser Welding System
- 1 OR Lasertechnology ECO 3300 Laser Welding System

Secondary Equipment

- 1 Cress Oven Heat Treat
- 1 60" capacity Despatch Heat Treat
- 2 Blue MM Heat Treat Ovens, 1 SPX
- 1 KC AX Horizon Auto Feed Cutoff Saw
- 1 Startride V500 Vertical Cutoff Saw
- 1 Harrig Surface Grinder 6" x 18"
- 1 Sunnen Honing Machine
- 1 Crest Ultrasonics Cleaning System Model OCJ-1218
- 1 Crest Ultrasonics Cleaning System with Passivation Model 014-1218
- 1 Ecoline 36-1 Super Glass Bead System
- 1 Zero Glass Bead System
- 1 Vibratory Tumbler 1 Cubic foot
- 1 Vibratory Tumbler 3 Cubic feet
- 1 Agathon Tool Grinder
- 1 Zero Tumble Blast Cabinet
- 3 Dynabrade Buffing Units
- 1 Hardinge Secondary Lathe
- 1 Pelton 7 Crane Sterilizer Model AF 10"

Complete Automated & Manual Deburring Department