

## Equipment List

### Milling

- (1) Mitsui Seiki Vertex 550-5x W/3R robot
- (1) Mikron HSM 300 CNC High Speed Mill
- (4) Mori Seiki SV-503 HS
- (1) Mori Seiki SVD-400 HS
- (1) Mori Seiki NV 4000 DCG
- (1) Makino V-33
- (1) Makino V-22
- (1) Makino V22-5x
- (1) Makino F5
- (1) Mazak 510CII-5x 5 Axis
- (1) Mazak Variaxis 500-5x II
- (1) Toyota FV1365
- (2) Haas VF 1-2 CNCs
- (2) Bridgeport manual mills

### Molding

- (1) Class 8 Cleanroom
- (1) 300 Ton Electric Toyo Molding Machine
- (1) 110 Ton Electric Toyo Molding Machine
- (2) 140 Ton Roboshot Alpha Molding Machines
- (1) 70 Ton Roboshot Alpha Molding Machine
- (1) 40 Ton hybrid Nissei Molding Machine
- (3) Matsui Dryers
- (1) 20 Zone Temperature Controller

### Inspection

- (1) Brown & Sharpe Global Performance CMM
- (1) Micro Vu SOL 312 vision system
- (1) Mitutoyo CMM BRM 507
- (2) Brown & Sharpe Micro-Hite height gages
- (1) Deltronics Optical Comparator DH214
- (2) Vision Lynx Microscopes
- (4) Toolmakers Microscopes
- (20) Surface Plates of various sizes

### Grinding

- (1) Mitsui 8"x14" CNC
- (2) Mitsui 8"x18"
- (1) Okamoto 16"x32" Hydraulic NC Wet
- (1) Okamoto 12"x24" Hydraulic NC Wet
- (2) Okamoto 6"x18"
- (1) Okamoto 6"x12"
- (3) Mitsui 6" x 12"
- (1) Harig 6" x12"

### Design & Cam

- (5) SolidWorks
- (18) MasterCam
- (2) Tebis
- (1) NX 5 axis
- (1) Pc-DIMS

### EDM

- (1) Charmilles 200Ms W/3R robot
- (1) Charmilles Roboform 51 CNC
- (1) Charmilles Cut 200 Wire EDM
- (1) Charmilles Cut 300sp Wire EDM
- (1) Charmilles HD 20 Hole Popper
- (1) EDM DrillMate 430i-A Plus CNC

### Miscellaneous

- Mori Seiki SL15 CNC lathe
- Trumpf Trumark 7000 laser
- 3R Tooling Systems Chucks and Pallets
- Heimer Heat Shrink Tooling