



**GAISHIN**  
MANUFACTURING

*Great God • Great People • Great Company • Great Parts*

**EQUIPMENT LIST**

# ***Machine Equipment List***

- ▶ (2) Tsugami BU38SY CNC Swiss Type Automatic Lathe
- ▶ (1) Star ECAS-32 CNC Swiss Type Automatic Lathe
- ▶ (2) Star ECAS-20 CNC Swiss Type Automatic Lathe
- ▶ (1) Star SB-20R CNC Swiss Type Automatic Lathe
- ▶ (2) Star SR-20R CNC Swiss Type Automatic Lathe
- ▶ (3) Star SR-20RIII CNC Swiss Type Automatic Lathe
- ▶ (3) Star SR-20RIV CNC Swiss Type Automatic Lathe
- ▶ (4) Star SR-38 CNC Swiss Type Automatic Lathe
- ▶ (1) Star SW-20 CNC Swiss Type Automatic Lathe
- ▶ (3) Muratec MD120G Twin Spindle Lathe w/ Gantry
- ▶ (3) Muratec MW120G Twin Spindle Lathe w/ Gantry

# ***Machine Equipment List*** (cont.)

- ▶ (1) Wasino J-1/SR-ON w/ Gantry
- ▶ (1) Mori Seiki NLX2500 Sub-Spindle Lathe
- ▶ (1) Mori Seiki ZT1500Y Sub-Spindle Twin Turret Lathe
- ▶ (1) Brother TC32B CNC Vertical Mill w/ Pallet Changer
- ▶ (1) Brother S500X1 CNC Vertical Mill w/ Fanuc Robot
- ▶ (1) Fadal VMC-15XT CNC Vertical Mill
- ▶ (2) Brother S700X1 CNC Vertical Mill
- ▶ (1) Brother S700X1 CNC Vertical Mill w/ 4<sup>th</sup> Axis Rotary Table
- ▶ (1) Brother R650X1 CNC Vertical Mill w/ Pallet Changer
- ▶ (1) Milltronics VM4222IL Vertical Mill

# ***QC Equipment List***

- ▶ (1) Sheffield Discovery III D-12 CMM
- ▶ (1) Jenoptik Opticline C305 Optical Measurement System
- ▶ (2) Keyence IM-7020 Instant Measurement Systems
- ▶ (1) Jenoptik T8000 Contour Tracer
- ▶ (2) Mitutoyo SJ-210 Profilometers
- ▶ (1) S-T 16” Optical Comparator w/ Quadra-Check 200
- ▶ (1) S-T 14” Optical Comparator w/ Quadra-Check 200
- ▶ (3) Mitutoyo Linear Height 600
- ▶ (4) Mantis Inspection Vision Scopes

# Software

- ▶ Vista Integrated Shop Management by Epicor
- ▶ Global Shop Solutions ERP
- ▶ Workspace - Traction Tools
- ▶ Solidworks
- ▶ Mastercam CAD/CAM
- ▶ Partmaker Swiss CAM/CAD
- ▶ GagePack Gage Management
- ▶ MEMEX - Measuring Manufacturing Excellence
- ▶ MERLIN tempus - Manufacturing Execution System