



## Facilities List

### **CNC Horizontal Milling**

- 3x KIWA KH-45 Horizontal Machining Center
- 2x KIWA KNH-400 Horizontal Machining Center
- 2x KIWA KNH-400 Horizontal Machining Center  
(6 Pallet System)

### **CNC Vertical Milling**

- 1x Brother R650X1 compact machining center w/ Pallet Changer
- 8x Haas Super Speed VF2 Vertical Machining Center
- 1x Haas Super Speed VF3 Vertical Machining Center
- 2x Kira PC-30EA Vertical Machining Center
- 1x Kira VTC-30A Vertical Machining Center
- 1x Kira DT32CD Vertical Machining Center
- 1x Ares-Seiki Vertical Machining Center
- 1x Fadal VMC 3016 Vertical Machining Center

### **CNC Swiss and Turning**

- 1x Tsugami SS327-5AX CNC 9 Axis Precision Swiss
- 1x Tsugami B0205-III CNC 7 Axis Precision Swiss
- 1x Miyano BNA-42GTY CNC 10 Axis Twin Spindle Super Turning Center
- 6x Ganesh 32-CS 7 Axis twin spindle Swiss
- 3x Doosan Lynx 220 Turning Center W/Bar Feeder
- 2x Doosan Lynx 220LM-Live Tool Turning Center W/Bar Feeder
- 1x Doosan Lynx 220LM-Live Tool Turning Center

- 3x Eguro Nuclet – 10L Super Precision Gang-Tool Turning Center

### **Miscellaneous Equipment**

- 1x Bridgeport Series 1 Standard Mill, Power Feed Digital Readouts
- 1x Kalamazoo Automatic Cut Off Saw
- 1x Despatch Annealing Oven, 18 Cubic Foot, Cycle Programmable, Partlow MRC 5000 Chart Recorder. (For the annealing and thermal processing of plastics and metals)
- 1x Trinco 24x36 Dry Blast Cabinet

Miscellaneous support equipment including: drill presses, belt sanders, buffers, manual / hydraulic / pneumatic presses, miscellaneous assembly equipment, multiple vibratory deburring machines, miscellaneous deburring equipment, and a host of support machine tooling, vises, and fixtures.

## **INSPECTION EQUIPMENT**

- 2x Mitutoyo Crysta Apex C 544 CNC Driven Coordinate Measuring Machine, MCOSMOS and Geopak Software
- 1x Mitutoyo B-706 Coordinate Measuring Machine, MCOSMOS and Geopak Software
- 1x Starrett HB400 Optical Measuring Comparator, Quadra-Chek 2000 Advanced Readout
- 1x Starrett HB350 Optical Measuring Comparator, Quadra-Chek 2000 Advanced Readout
- 1x 12" + 10" Starrett Height Gage
- 1x 12" Fowler Height Gage
- 1x 12" Mitutoyo Height Gage
- 1x Mitutoyo SJ-411 Surface Finish Analyzer
- 1x Sheffield Pneumatic Bore Gage
- 1x Fowler XT Holematic Bore Gage
- 1x Manual Microscope

- 1x Digital Microscope
- 1x Universal Punch Concentricity Gage
- 4x 81 piece Gage Block Sets
- 1x 36" x 36" Inspection Grade Granite Surface Plate
- 3x 18" x 24" Inspection Grade Granite Surface Plates
- 1x 39" x 43" Shop Grade Granite Surface Plate
- 2x Plug Gage Sets (.061 to .750 x .001)
- Multiple Class X Precision Gage Pin Library (x.0001)

Miscellaneous support equipment including: thread gages, plug gages, bore gages, angle plates, sine bars, v-blocks, vises, indicators, standard and pressure micrometers, custom inspection fixtures, and other support equipment.

## **ENGINEERING SOFTWARE**

Mastercam X CAM Software

Delcam PartMaker SwissCAM

EZ CAM Software, Milling and Turning

## **QUALITY CONTROL SOFTWARE**

Minitab Statistical System – SPC Collection Software

Caltech Calibration Tracking System

Discus Desktop Quality Engineering Software with Auto Ballooning

## **BUSINESS MANAGEMENT SOFTWARE**

E2 ERP System Software