

## Facilities List

### Precision Machining Services Offered:

- **CNC Turning**
- **CNC Milling**
- **CNC Swiss Screw Machining**
- **Automatic Screw Machining**
- **Secondary Machining**
- **Honing**

### **CNC Turning Centers: 2 5/8" bar; 8" Chucking:**

- (1) Okuma LB3000EXII CNC Lathe: C & Y Axis Machining
- (1) Doosan Lynx2100LSY CNC Lathe: C & Y Axis Machining
- (1) Mazak SQT200-MSY CNC Lathe: C & Y Axis Machining
- (1) Wasino LG-7 CNC Lathe: w/Robotic Loader
- (1) Hardinge Elite: C-axis machining
- (2) Hardinge Conquest-42
- (3) Hardinge Conquest-GT

### **CNC Machining Centers: equipped with 4th Axis**

- (1) Kitamura: HX300 Horizontal Machining Center
- (2) Kitamura: Mycenter-3 Vertical w/Automatic Pallet Changer
- (3) Kitamura: Mycenter-1 Vertical w/Automatic Pallet Changer
- (1) Kitamura: Mycenter-0 Sparkchanger w/Automatic Pallet Changer
- (4) Haas VF2SS Vertical Machining Center

### **Swiss Automatic Screw Machines:**

- (2) Tornos Deco-2000 1" dia.: 10-axis CNC Swiss Automatic
- (1) Star RNC-16: 5/8" dia. capacity, CNC Swiss Automatic
- (2) Star SNC 25-DX: 1" dia. capacity, CNC Swiss Automatic
- (1) Star SNC 15-DX: 5/8" dia. capacity, CNC Swiss Automatic

### **Automatic Screw Machines:**

- (3) Hardinge DSM-A: 1 1/16" dia.



## Advanced Quality Control:

### Micro-Vu Vertex Measuring Center

- High-resolution camera-based measuring system to get fast, accurate measurements on a wide variety of parts.
- Provides vivid pictures through a programmable optical and digital zoom, supports sensitive touch probe accessories allowing measurement of smaller intricate geometry.
- High speed vertical distance measurement sensors for scanning capability that covers both specular and diffuse parts.
- Point-and-click simplicity, with Micro Vu proprietary edge detection, advanced lighting control and calibration, multisensory integration, automated calibrations, and a clear display of measurement data and tolerances.

## Industries Served:

- **Advanced Ceramic Sealing**
- **Aerospace**
- **Aircraft**
- **Automation**
- **Automotive**
- **Bearings**
- **Bicycle Components**
- **Clutches**
- **Drone Manufacture**
- **Electronics**
- **Fasteners**
- **Fiber Optics/Imaging**
- **Firearms**
- **Fire Suppression**
- **Flanges**
- **Glass-to-Metal Seal**
- **Hand Tools**
- **Instrumentation**
- **Medical/Dental**
- **Military/Defense**
- **Motion Suppression**
- **Nozzles**
- **Nuclear Power**
- **Plasma Torch**
- **Power Generation**
- **Pumps**
- **Railroad**
- **Robotics**
- **Valves: Air, Control & Liquid**

