

**CNC Horizontal Machining Centers**

|   |                     |  |                      |
|---|---------------------|--|----------------------|
| 3 | Mori Seki NH4000DCG | 14,000 rpm, Full 4th axis, thru spindle coolant, 60 tools w/ pallet changer, high speed machining, Maps II Control Reinshaw probing system, travel size: X-22" Y-22" Z-24.8" | 2 - 2005<br>1 - 2007 |
| 1 | Yasda H40i 5-Axis   | 22 Pallets, 20,000 rpm, 240 tools  | 2014                 |
| 2 | Yasda PX-30i 5-Axis | 33 Pallets, 20,000rpm, 306 tools   | 2016                 |
| 1 | Kiwa KH-45          | 6 Pallet, Full 4th axis, 120 tools, 14,000 rpm   | 2014                 |

**CNC Vertical Machining Centers**

|   |                                   |   |      |
|---|-----------------------------------|---|------|
| 1 | Mosi Seki NV5000X1                | 14,000 rpm, high speed machining, MapsII control, high precision, thru spindle coolant, travel size: X -20" Y - 40" Z - 20" | 2005 |
| 1 | Fanuc Robodrill $\alpha$ -D21LiA5 | 21 tools, 24,000 rpm  | 2013 |
| 1 | Fanuc Robodrill $\alpha$ -T21iFla | 21 tools, 24,000 rpm, w/ pallet changer   | 2012 |
| 1 | YCM NXV 1680A                     | 30 tools, 12,000 rpm  | 2015 |

**CNC Turning Centers**

|   |                       |   |      |
|---|-----------------------|---|------|
| 1 | Daewoo 240 MB         | Single turret, w/ milling, w/ programmable tailstock 2 1/2" bar cap, 8" chuck, tool presetter, Fanuc 18 - T control | 2007 |
| 1 | Daewoo 22LM lynx      | Single turret, 6" chuck, tool presetter, Fanuc OiTC control   | 2007 |
| 1 | Daewoo 220A lynx      | Single turret, 6" chuck, tool presetter, Fanuc I series control   | 2012 |
| 1 | Doosan Puma TT 1800SY | Twin turret, w/ LNS Quick Load bar feeder, Fanuc 18i-TB series control, w/ milling, 8" chuck                        | 2010 |
| 1 | Feeler FT250          | Single turret, w/ programmable tailstock, 12" chuck, Fanuc Oi-TD series control                                     | 2013 |
| 1 | SNK Prodigy 27GT      | 4" turning gang tool lathe with c axis on spindle and milling   | 2005 |
| 1 | Femco Durga 25E       | 10" diameter turning, w/ tail stock, Fanuc 0-T control, 8" chuck, 24" between centers, tool presetter               | 1995 |

**Wire EDM**

|   |                        |  |      |
|---|------------------------|--|------|
| 1 | Fanuc $\alpha$ -C600iA | 7 Axis, high speed, highly accurate (working cube size 23.6x15.7x12.2"H) | 2015 |
|---|------------------------|--|------|

**Fabrication Equipment**

|   |                                   |   |
|---|-----------------------------------|---|
| 1 | Miller 350 P                      | MIG Welder, Processes: MIG, flux cored, and pulsed MIG, and aluminum  |
| 1 | Lincoln 225 Precision TIG         | TIG, AC TIG, pulse TIG, and stick   |
| 1 | Lincoln Power MIG 350 MP          | Multi-Process capable. Welds MIG, Flux cored, Stick, TIG, pulsed MIG; advanced processes like pulse on pulse MIG for aluminum |
| 1 | Miller Syncrowave 350 LX          | TIG, AC TIG, pulse TIG, and stick   |
| 1 | Adira Press Brake                 | QHD CNC Press Brake 10 Foot, 115 Ton  |
| 1 | Pacific J75-10                    | CNC Press Brake 10 foot, 75 Ton   |
| 2 | Lincoln ProMig 180                |   |
| 1 | Mitsubishi LC10BV Laser           |   |
| 1 | Lemas TR 180/5 Initial Pinch Roll | 5' x 5/16" capacity   |

**Manual Equipment**

|   |                       |  |
|---|-----------------------|--|
| 1 | Harig Surface Grinder | Tool and cutter grinder                  |
| 1 | Wacheon               | Engine Lathe 17" x 14"                   |
| 1 | Alliant               | Manual milling machine 9 x 42 table, 3hp |
| 1 | Bridgeport            | Manual milling machine 9 x 42 table, 3hp |
| 1 | Avery                 | 4 spindle gang-type drill press          |
| 1 | Trinco                | Glass beader, dry blast                  |
| 1 | Pem                   | Pem insertion press                      |
| 1 | Schmidt               | Pneumatic press w/ press control         |

|   |          |  |
|---|----------|--|
| 4 | Helicoil | Helicoil insertion tool, 2 pneumatic, 2 electric |
|---|----------|--|

**Inspection Equipment**

|   |                              |  |
|---|------------------------------|--|
| 1 | DEA Mistral                  | CNC Coordinate Measuring machine w/ surfacing (working cube size 39x30x20) |
| 1 | DEA Mistral                  | CNC Coordinate Measuring machine w/ surfacing (working cube size 29x30x20) |
| 1 | Brown and Sharp Microval III | Coordinate Measuring Machine   |
| 2 | 14" Optical Comparators      | w/ edge detection  |
| 1 | SJ201                        | surface tester   |
| 1 | SJ400                        | Surface tester w/ curve capabilities                                       |
| 1 | Global Advantage             | CNC coordinate measuring machine w/ automatic probe changer                |

**Parts Cleaning/ Tumbling**

|   |              |  |
|---|--------------|--|
| 1 | Landa SJ-15R | Heated auto parts washer w/7 day programmable cycle, 350lb. Capacity |
| 1 | Rotofinish   | 7.5 cubic ft. tumbler w/ auto parts separator                        |
| 2 | Rotofinish   | 3.0 cubic ft. tumblers   |
| 1 | Bald Eagle   | BE1167 Industrial Ultrasonic Cleaner                                 |