

Equipment List

CNC Grinding:

- 2 Weldon 1632 3-Axis OD Profile Grinders
- 1 Walter 5-Axis OD Profile Grinder
- 3 Studer CNC ID/OD Grinders
- 1 Heald ID Grinder
- 2 Huffman CNC Profile Grinders
- 2 Okamoto Surface Grinders
- 1 Moore Jig Grinder

CNC Screw Machines:

- 10 Citizen 6-Axis Screw Machines w/ Milling Capability, sub-spindle & bar feed
- 6 Tornos 9-Axis Screw Machine w/ Milling Capability, Sub-spindle & bar feed

(Note: (4) Swiss machines equipped with Gundrilling capability for Screw Cannulation)

CNC Machining Centers:

- 12 Willemink Macodel 5-Axis MC
- 2 Fadal VMC 4020 5-Axis MC
- 2 Fadal VMC 40 4-Axis MC
- 1 Hitachi Seiki VS-60, 3-Axis MC
- 1 Mori Seiki NH5000 4-Axis MC
- 1 Mori Seiki NH6000 4-Axis MC
- 2 Hitachi Seiki VS-40, 3-Axis MC
- 3 Haas – VMC, 5-Axis MC

EDM – Ram Type:

- 2 Charmilles Roboform 30
- 2 Charmilles Roboform 20

EDM – Wire

- 2 Charmilles Robofill 300
- 2 Charmilles Robofill 310 w/ auto thread
- 2 Charmilles Robofill 330 submerged table
- 3 Brother HS 50A, 3-Axis w/ rotary table
- 1 Agie AgieCut Classic 3-Axis Wire
- 1 Acutek Wire EDM – 3 Axis Submerged w/ Rotary

CNC Turning:

- 2 Mazak QT-15, 2-Axis Lathe
- 2 Mazak QT-20, 2-Axis Lathe
- 1 Mazak QT-30, 2-Axis Lathe
- 2 Mori Seiki Super Hi-Cell 250, CNC Mill/Turn Centers w/ sub-spindle
- 1 Mazak Integrex 30, CNC Mill/Turn Center

Robotic Finishing

- 1 Acme 4-Head Belting Cell: Fanuc Robot
- 1 Pinnacle 2-Head Buffing Cell: ABB Robot
- 2 Pinnacle 4-Head Belting Cell: ABB Robot

Inspection

- 6 30" Optical Comparators, 10, 20 & 30 X
- 4 Zeiss Eclipse CMMs
- 2 Browne & Sharpe Image CMMs
- 3 Federal Concentricity tally rounds
- 2 Mitutoya Contracers
- 1 Mahr Surfanalyzer