



EQUIPMENT LIST

INSPECTION EQUIPMENT

- 1 Brown & Sharpe CMM
- 1 Hommel Surface Roughness Tester
- 2 Mitsubishi SJ-401 "Surftest" Surface Roughness Testers
- 5 Jones & Lamson Optical Comparators
- 1 Dia-Met Gage
- 3 American Optical Stereo Microscopes
- 9 Microkator Comparators
- 2 Sheffield Comparators
- 3 Pla-Checks, 20 Gage Block Sets
- 1 Lasermike with Computer Drive
- 1 Micro-Vu Video/Optical Insp. Instr.
- 1 Mahr / Federal "Formscan 3600"
- 1 Flow Test Stand
- 1 Leak Test Stand
- 2 Brown and Sharpe Micro-Hite
- 1 B & S Model 1025 Electronic Amplifier
- 1 Rockwell Superficial Hardness Tester
- 1 Bore Scope w/ Video Display
- 1 Computerized Diametrical Matching Station
- 10 Mantis Optical Stereo Microscopes by Vision Engineering (4x / 10x)
- 2 Cobra Optical Stereo Microscopes by Vision Engineering (up to 40x)
- 1 Wilson Hardness Tester – Series 500
- 2 Tesa Scan 50+ - 360° Electronic optical inspection scanners

GRINDING

- 6 Parker Majestic Surface Grinders
- 1 Master Cutter Grinder
- 2 #3 Moore Jig Grinders
- 1 RUR Combo O.D. / I. D. Grinder Approx. 10" Diameter Max. work piece load
- 1 Dedtru Cylindrical Grinder
- 2 Jones & Shipman CNC O.D. Grinders
- 1 Fisher Center Grinder
- 2 Tschudin Manual O.D. Grinders

SPECIAL EQUIPMENT

- 6 Sunnen Honing Machines
- 1 Sunnen M-5000 auto stroker
- 1 Centerless Lapping Machine
- 2 Dunhamatic Speed Lathes
- 1 Sunnen Hydraulic Press
- 1 Unitek Stored Energy Resistance Welder
- 1 Do All Band Saw
- 1 Parma Band Saw
- 4 Twister – Speed Lathes
- 1 Vapor Blaster
- 10 M-Series Electronic Air Gage Columns
- Eldorado Gundrill Model M75-15



LATHES

5 Mori-Seiki CNC Lathes
2 Mori Seiki CNC NL 2000
1 Clausing Colchester 15" Lathe
2 Hardinge Toolroom Lathes
1 Bridgeport Tormax 16" Lathe
2 Hardinge CNC Lathes

MILLS

2 HAAS CNC Mill VF-2 / 4-axis
3 Fadal 4-Axis Machining Centers
3 Bridgeport Milling Machines
1 Excello Milling Machine
1 Gorton Milling Machine
1 Pratt & Whitney Jig Bore
1 Moore Jig Bores

E.D.M.

1 Charmilles Robofil 2050 TW SI
1 Charmilles Robofil 2020 Wire
2 Charmilles D-20 EDM
2 Charmilles Roboform 350
2 Charmilles Robofil 2000 Wire
1 Charmilles Robofil 200 Wire
1 Astec CNC High Speed Drilling Machine
1 Dyna Myte 2400 CNC Electrode Milling Machine

POTOTYPE / LIMITED PRODUCTION CELL

2 HAAS CNC Mill VF 3 / 5-axis
1 HAAS CNC Lathe SL 30 / Live Tooling / Full C-axis / 4-axis
1 HAAS CNC Lathe SL-20 / Live Tooling / Full C-axis / 4-axis
1 Charmilles Robofil 2000 Wire
2 Sunnen Honing Machines
1 Bridgeport Mill
1 Parker Surface Grinder
1 J & L Comparator

COMPUTER EQUIPMENT

Windows NT/2000 Local Network
Consisting of 20 PC Workstations
Including 4 dedicated CAD/CAM Stations
A Fully Integrated Barcode Tracking & Follow-up System
UN Standard and ANSI X-12 EDI Communication Capabilities
4 - ACAD 2005 / 2006
Predator & Esprit CNC Programming Software
Global Shop Solutions ERP Job Tracking Software
Quantum DLT-V4 Tape Backup system