

<b>Micron Precision Machining Inc</b>	<b>QMSD-1007 Equipment List</b>	Rev 1.1
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## Machining Centers

- 2 HAAS VF-1, Vertical Machining Centers - 24 Tools w/ 4th Axis Rotary Table
- 1 HAAS VF-2, Vertical Machining Center - 24 Tools w/ 5th Axis Rotary Indexer
- 2 HAAS VF-3, Vertical Machining Center - 24 Tools w/ 5th Axis Trunnion Table
- 2 HAAS VF-3, Vertical Machining Center - 40 Tools w/ 5th Axis Trunnion Table and Probing
- 3 HAAS VF-3, Vertical Machining Center - 24 Tools w/ 5th Axis Rotary Indexer
- 1 HAAS VF-4, Vertical Machining Center - 24 Tools w/4th Axis Rotary Indexer and Probing
- 1 HAAS VF-4, Vertical Machining Center - 40 Tools w/4th Axis Rotary Indexer and Probing
- 1 HAAS VF-5, Vertical Machining Center - 20 Tools w/ 4th Axis Rotary Indexer
- 3 HAAS Super Mini Mill - Vertical Machining Center - 10 Tools w/ 4th Axis Rotary Indexer
- 3 HAAS UMC 750, Vertical Machining Center – 40 tools True 5 Axis

## Milling Machines

- 5 Proto-Trak CNC Milling Machines
- 2 Bridgeport Milling Machines w/ X & Y Analog Readouts
- 1 Prototrak LPM - 16 Tools

## Lathes

- 1 Mazak Quick Turn 250, CNC Lathe
- 2 Mazak Nexus 250, CNC Lathes
- 1 Mazak Nexus 200, CNC Lathe
- 1 Prototrak SLX, CNC Lathe – 18" Swing, 45 " Between Centers
- 1 Proto-Trak SL, CNC Lathe - 16" Swing, 45" Between Centers
- 1 Clausing Colchester 15" Engine Lathe

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- 1 Mazak Dual Turn 20
- 1 Mazak Quickturn Nexus 250-IIMS
- 1 Mazak Nexus 350-11

### Grinders

- 1 6" x 18" Clausing Equiptop Surface Grinder
- 1 Myford ID / OD Grinder
- 2 Moore #3 Jig Grinders w/ Sony Digital Readouts
- 1 Okamoto Surface Grinder
- 1 Brown and Sharpe OD Grinder
- 1 Bryant ID Grinder

### EDM Machines

- 2 Charmilles Wire EDM - Robofil 240 SL
- 2 Makino Plunge EDM – 16 tool changer EDAF3
- 1 Charmilles Plunge EDM - Roboform 23

### Technical Support

- 3 Master Cam Programming Stations w/ Mastercam Mill Level 3 Software

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## Inspection Equipment

- 1 Brown & Sharp, Gage 2000, CMM - w/ PCDMIS 3.6 software
- 1 Starrett, HB 400, Optical Comparator
- 2 Brown & Sharp 24" Micro-Hite, Height Gage
- 1 Mitutoyo 12" Height gage
- 1 Mitutoyo 24" Height gage
- 1 Mitutoyo SJ-201P Surface Finish Gage
- 1 Mitutoyo ARK-600 Hardness Tester
- 1 36" x 48", Inspection Grade Granite Surface Plate
- 1 Rahn 36" x 36", Inspection Grade Granite Surface Plate
- 1 Rahn 48" x 48", Inspection Grade Granite Surface Plate
- 1 48" x 72", Inspection Grade Granite Surface Plate
- 3 Zeiss CMM (Contura)
- 1 Faro Edge Arm, 6ft, 7 axis with portable granite cart.

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### Miscellaneous Equipment

- 2 Sunnen MBB1600 Precision Hone
- 1 Horizontal Bandsaw
- 1 Startrite Vertical Bandsaw
- 1 8" Jet Bench Grinder
- 1 Baldor Belt Sander
- 1 75 Ton K R Wilson Hydraulic Press
- 1 50 Ton Dake Electric/Hydraulic Press
- 1 1 1/2 Ton Dake Arbor Press
- 1 24" x 36", Trinco, Dry Blast Sandblaster
- 1 Miller Syncrowave 250, MIG Welder
- 1 Miller Portable Spot Welder
- 1 Parts Washer