



AS 9100  
ISO 9001  
CERTIFIED



## Facilities

### CNC MILLING EQUIPMENT

#### Vertical

Fadal 40x20 Qty 3  
Fadal CNC 88 60x30x26 Qty 2  
Fanuc Robo Drill αT-14iB 15,000 rpm  
Fanuc Robo Drill αT-14T21iE 24,000 rpm Qty 3  
Kitamura Mycenter 3XI Dual Pallet 20K  
Komo VMC 40  
Matsuura 1000V 20x40  
Matsuura 500 VDC Twin Spindle  
Matsuura 500 VS 10,000 rpm Qty 2  
Matsuura 760V 15x30 Qty 2  
Matsuura Minimaster 500 Qty 2

#### Horizontal

Deckel Maho MH600c 4 1/2-Axis  
Kitamura H-400c 10,000 rpm 5-Axis  
Kitamura HX-500 I 5-Axis  
Kitamura Mytrunion 5-Axis  
Matsuura H Plus 630 4-Axis  
Mazak FH680 4-Axis 6-Pallet Linear Line  
Mazak H-20 4-Axis

### CNC LATHE EQUIPMENT

Doosan S280N  
Mazak Multiplex 6200Y 8-Axis Mill/Turn Center  
Mori Seiki SL15  
Mori Seiki SL1A  
Mori Seiki SL35  
Nakamura Tome SC-200 Mill/Turn Qty 2  
Nakamura Tome SC-200 Mill/Turn Y-Axis  
Nakamura Tome SC-250 Mill/Turn Y-Axis  
Nakamura Tome SC-250 Mill/Turn Y-Axis  
w/Sub Qty 2  
Nakamura Tome TMC-18 Mill/Turn Qty 2  
Nakamura Tome TW-10 6-Axis  
Nakamura Tome TMC-12  
Nakamura Tome WTW-150 MMYT  
Twin Spindle - 4 Turrets  
Nakamura Tome SC-300 M  
YCM TC 36

### WELDING EQUIPMENT

Miller 330-WPB Heliarc & Arc  
Welding & Soldering Unit  
Oxygen & Acetylene Welding Outfit

### HONING EQUIPMENT

Sunnens Honing Machine Fully Equipped

### EDM EQUIPMENT

#### Wire

Fanuc Robocut Alpha 1C 5-Axis  
Fanuc Robocut Alpha OB 4-Axis  
Fanuc W-Cut 2 5-Axis

#### Conventional

Handsvetd Leadman  
Herbert Walter Ram Cut 202 4-Axis

### MANUAL MILLING EQUIPMENT

Bridgeport  
Bridgeport EZ Trak Retro NC Qty 3  
Bridgeport Series II w/Prototrak NC Retrofit Qty 2  
Bridgeport w/Hamill Retrofit Qty 2  
Bridgeport w/Prototrak NC Retrofit Qty 4  
Bridgeport w/Readouts Qty 9

### MANUAL LATHE EQUIPMENT

Bridgeport EZ Path Retro NC 10" Swing Qty 2  
Bridgeport EZ Path Retro NC 8" Swing Qty 2  
Harding Tool Room Lathe Qty 2  
Hardinge Hand Screw Chucking Machine  
w/Feed Bar  
Hardinge HLV Lathe  
Leblond Regal Manual Engine Lathe  
24" Swing

Mori Seiki Engine Lathe 33" Gap  
Fully Equipped Qty 3  
Webb 17" Engine Lathe

### CUTTING EQUIPMENT

24" Cut-Off Saw  
Delta Abrasive Cut-Off Saw  
Delta Cut-Off Saw  
Grob Band Saw 19" Qty 2  
Haberle Cold Saw 14"  
Kalamazoo Automatic Cut-Off Saw

### FINISHING EQUIPMENT

Ecoline Sandblaster  
Royson 72" Tumbler  
Semco 37" Grinding Polishing Machine  
Sweco Rotary Finishing Tumbler  
Ultramatric Portaburr Tumbler

### GRINDING EQUIPMENT

Okamoto 16-32-EX Surface Grinder  
Okamoto IGM-156 CNC I.D. Grinder  
Okamoto OGM-112-24 PMC Cylindrical Grinder  
Boyer Shultz 6x12 Surface Grinder  
Chevalier 6x18 Surface Grinder  
Clausing 6x12 Surface Grinder  
Keo Lee Cutter Grinder Fully Equipped  
Polishing Stations Qty 2  
Moore G-18 NC CP Continuous Path Jig Grinder

### CAD/CAM PROGRAMMING

Camaix 5 AX Msurf  
Cimco DNC Max V5 Wireless LAN  
JobBoss Release 10 Operating System  
MasterCAM Version X for Sculptured  
Solid Works  
Windows 2000 Professional  
Windows XP Professional / Office LAN

### QUALITY DEPARTMENT

Brown & Sharpe Micro Hite Qty 4  
Brown & Sharpe Tesa Hite  
Brown & Sharpe Tesa Hite 400  
Federal Air Gages  
Federal Match Air Gages  
Instron 2002T Rockwell Tester  
Mitutoyo CMM B231 w/Geopack 2000 Software  
Mitutoyo CMM B231 w/Zeiss Platform Software  
Mitutoyo PH350 Profile Projector  
Mitutoyo SJ-400 Profilometer  
Zeiss Contura G2 CMM 1000mm x 1600mm  
Zeiss Spectrum CMM 1000mm x 700m  
Z-Mike 1220 Gold Laser Micrometer

### TESTING CAPABILITY

Flow Testing Min/Max Fuel Leak  
Pressure Test - Vacuum Testing  
Load Testing

### COMPONENT MARKING

Ink Stamping  
Trumph Vector Mark Laser Marking  
Vibro Etching

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