



Facility Equipment List

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<http://www.customgroupusa.com>

VERTICAL CNC MILLING

DMC 52 VL 12000 rpm
Fanuc Robo Drill αT-14iB 15,000 rpm
Fanuc Robo Drill αT-21iE 24,000 rpm 5-Axis
Fanuc Robo Drill αT-21iE 24,000 rpm Qty 3
Hyundia VX950 8,000 rpm w/4 axis
Hyundia Wia F650 10,000 rpm w/4 axis Qty 2
Kitamura Mycenter 3XI 20,000 rpm 2 Pallet
Kitamura Mytrunion 20,000 rpm 5-Axis
Matsuura 760V 4,500 rpm 4-Axis
Matsuura 800VGII 12,000 rpm 4-Axis
Mori Seiki NV5000 α1 14,000 rpm 4-Axis

HORIZONTAL CNC MILLING

Deckel Maho MH600c 6,300 rpm 4 1/2-Axis

Kitamura H-400c 10,000 rpm 5-Axis 2 Pallet
Kitamura HX-500I 12,000 rpm 5-Axis 2 Pallet
Matsuura H Plus 630 12,000 4-Axis 2 Pallet
Mazak FH680 15,000 rpm 4-Axis 6-Pallet Linear Line
Mori Seiki NH4000 DCG 14,000 rpm 2 Pallet
Yasda 7Ti 10,000 rpm 5-Axis 2 Pallet
Yasda 7Ti 10,000 rpm 5-Axis 6 Pallet

GRINDING

Boyer Shultz 6x12 Surface Grinder
Chevalier 6x18 Surface Grinder
Clausing 6x12 Surface /Flow Grinder
Keo Lee Cutter Grinder Fully Equipped
Okamoto OGM-12-20 Grind X
Okamoto 16-32-EX Surface Grinder
Okamoto IGM-15 NC I.D. Grinder
Okamoto OGM-12-24 PC Cylindrical Grinder

LAPPING

Speedfam 32" 4 station
Cylindrical lapping

HONING

Sunnens Honing Machine Fully Equipped

NonDestructive Testing

TESTING CAPABILITY

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

HEAT TREATING

Gehrich 32" 600 deg F
Ney Vulcan 3-550 2000 deg F

CNC LATHE

Doosan S280N
Mazak Multiplex 6200Y 8-Axis Mill/Turn Center
Mori Seiki SL15
Mori Seiki SL303
Mori Seiki SL35
Mori Seiki SL4
Nakamura Tome SC-200 Mill/Turn Qty 2
Nakamura Tome SC-200 Mill/Turn Y-Axis Qty 2
Nakamura Tome SC-250 Mill/Turn Y-Axis
Nakamura Tome SC-250 Mill/Turn Y-Axis w/Sub
Nakamura Tome SC-300 Mill/Turn
Nakamura Tome TMC-12
Nakamura Tome TMC-18 Mill/Turn Qty 2
Nakamura Tome TW-10 6-Axis
YCM TC 36 15" Chuck
YCM TC 36 18" Chuck

MANUAL LATHE

Bridgeport EZ Path Retro NC 10" Swing
Bridgeport EZ Path Retro NC 8" Swing
Harding Tool Room Lathe Qty 2
Hardinge Hand Screw Chucking Machine
Hardinge HLV Chucker
Hardinge HLV Lathe Qty 3
Hardinge Tool Room Qty 2
Mori Seiki Engine Lathe 33" Gap Qty 2
Tsugami Chucker

MANUAL MILLING

Bridgeport EZ Trak Retro NC Qty 3
Bridgeport Series II w/Prototrak NC Retrofit Qty 2
Bridgeport w/Prototrak NC Retrofit Qty 7
Bridgeport w/Readouts Qty 3
Bridgeports Qty 3
Hardinge HSL 59
Proto track Sport 3

WIRE EDM

Fanuc Robocut Alpha 1C 5-Axis
Fanuc Robocut Alpha OB 4-Axis

CONVENTIONAL EDM

Exeron Ram Cut 202 4-Axis
Handsvedt Leadman
Makino EDNC 65
Makino Edge 3i

QUALITY

Brown & Sharpe Micro Hite Qty4
Brown & Sharpe Tesa Hite 400 Qty 2
Federal Air Gages
Federal Match Air Gages
Instron 2002T Rockwell Tester
Mitutoyo PH350 Profile Projector
Mitutoyo PH3500 Profile Projector
Mitutoyo SJ-400 Profilometer Qty 2
Zeiss Contura G2 CMM 1000mm x 1600mm
Zeiss Contura G2 CMM 1000mm x 2100mm
Zeiss Duramax CMM
Zeiss Spectrum CMM 1000mm x 700mm
Z-Mike 1220 Gold Laser Micrometer

CUTTING

Grob Band Saw 19"
Haberle Cold Saw 14"
Kalamazoo Automatic Cut-Off Saw
Rockwell Cut-Off Saw

FINISHING

Ecoline Sandblaster

Semco 37" Grinding Polishing Machine
Sweco Rotary Finishing Tumbler
Ultramatic Portaburr Tumbler
Dynaflo HL20
ABS Wet Blaster

WELDING

Miller 330-WPB Heliarc & Arc
Oxygen & Acetylene Outfit
Millermatic DVI Mig

CAD/CAM PROGRAMMING

Cimco DNC Max V8 Wireless LAN
MasterCAM
Camaix 5 AX Msurf
SolidWorks

ERP SYSTEM

JobBoss

MARKING

Rofin-Baasel PLF Air 25 / CL-Cube