

Mechanical Precision, Inc.

Facilities List



CNC Milling: Horizontal

Mazak HTC400
Dual 16" Pallets
30 Tools, 10,000 RPM
5 degree Index

Mazak HTC400
Dual 16" Pallets
30 Tools, 10,000 RPM
1 degree Index

Mazak H400N
Dual 16" Pallets
30 Tools, 10,000 RPM
Full 4th Axis

Mazak H12
Dual 20" Pallets
60 Tools, 6000 RPM
5 degree Index

Mazak H400N
Dual 16" Pallets
30 Tools, 10,000 RPM
Full 4th Axis

Mazak HTC400
Dual 16" Pallets
30 Tools, 10,000 RPM
5 degree Index

Mitsui Seiki HS5A80
Dual 30" Pallets
90 Tools, 4500 RPM
1 degree index

CNC Milling : Vertical

Monarch 150B
30" X 50" Travel
40 Tools, 6,000 RPM
Full 4th Axis
Full 5th Axis

Haas VF4
20" X 50" Travel
40 Tools, 10,000 RPM,
Geared Head, Thru Spindle
cooling

Fadal 4020 HT
20" X 40" Travel
21 Tools, 10,000 RPM
Full 4th Axis

Haas VF4
20" X 50" Travel
40 Tools, 10,000 RPM,
Geared Head, Thru Spindle
cooling

Takumi F20 + APC (#1)
Dual Pallet
12" X 20" Travel
24 Tools, 12,000 RPM

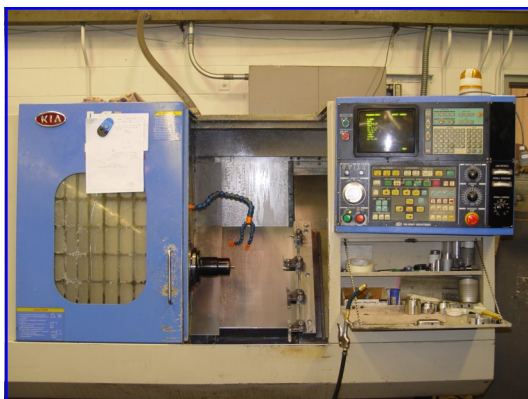
Takumi F20 + APC (#2)
Dual Pallet
12" X 20" Travel
24 Tools, 12,000 RPM

Fadal 8030 HT
30" X 80" Travel
21 Tools, 10,000 RPM

Yam 3VA
16" X 30 Travel
20 Tools, 4,000 RPM

Lagun 3516
16" X 35 Travel
20 Tools, 8,000 RPM

Millport
16" X 35 Travel
20 Tools, 8,000 RPM



CNC Turning

Mazak Slant Turn 30 12" Chuck , 8 tools, 60" Centers	Okuma Impact LU 15 8" Chuck , 20 tools, Dual Turret 30" Centers
Summit Smart Cut Fagor Teach Control 15" Chuck 50" Centers	Daewoo Lynx 200B 8" Chuck , 16C Collet chuck 12 tools
Daewoo Puma 10 10" Chuck , 12 tools, 24" Centers	Hitachi Seiki 3N2-300 6" Chuck , 12 tools, 20" Centers
Kia 30B Gang tool Lathe 6" Chuck , 12 tools, 20" Centers LNS Hydrobar	Hardinge CHNC1 16C Collet Chuck , 12 tools,
Haas TL15 8" Chuck , 12 tools, Live Milling & Drilling 20" Centers Sub Spindle Servo Bar feed	Hitachi Seiki Hitec Turn 23J Seikos Control 10" Chuck LNS Quick Load Bar Feed
Hitachi Seiki Hitec Turn 23S II 24" Centers	Hitachi Seiki Hitec Turn 25s 24" Centers



Turning: Manual

American Pacemaker
25" Swing 20" Chuck ,
125" Centers
Digital Readout

Leblond Regal 25"
Swing 20" Chuck ,
80" Centers
Digital Readout

Monarch 1610-13
20" Swing 12" Chuck ,
40" Centers
Digital Readout

OKK Ramo
17" Swing 10" Chuck ,
40" Centers
Digital Readout

Leblond Regal
15" Swing 8" Chuck ,
40" Centers
Digital Readout

Doall 1320
13" Swing 6" Chuck ,
20" Centers
Digital Readout

Doall 1340
13" Swing 6" Chuck ,
40" Centers
Digital Readout

Monarch 10EE
10" Swing 6" Chuck ,
30" Centers
Digital Readout

Milling: Manual Vertical

FOUR)
Bridgeport Series 1
30" Table
Power feed
Digital Readout

FOUR)
Bridgeport Series 1
36" Table
Power feed
Digital Readout

Clausing Kondia
Proto-Track MX2
Programmable
30" Table
Power feed
Digital Readout



Milling: Manual Horizontal

Devlieg Jigmill 2B36

36" Table
Power feed
Digital Readout

Cincinnati 2MH

10 x 53" Table
Power feed
Slotting Head



Surface & Cylindrical Grinding

Browne & Sharpe Techmaster 818 Auto- matic

8" X 18" Chuck
Digital Readout

Browne & Sharpe Techmaster 818 Automat- ic

8" X 18" Chuck
Digital Readout

Browne & Sharpe 510

6" X 18" Chuck

Doall 612

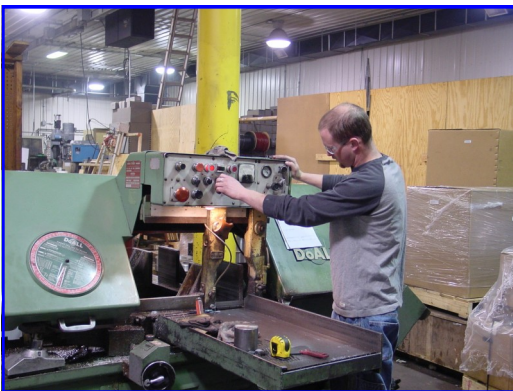
6" X 12" Chuck

Gallmeyer Livingston Automatic

12" X 24" Chuck

Cincinnati Cylindrical Grind- er Automatic

10" Dia. X 24" Long



Sawing

Doall C1216A Automatic Cut off Saw

12" X 16" Capacity

Doall TF1421 Tilt Frame Cut off Saw

14" X 21" Capacity
Hydraulic Feed

Doall 26-3 Band Saw

12" X 26" Capacity
Hydraulic Feed

Doall 1612-H Band Saw

16" X 12" Capacity
Hydraulic Feed

Klingelhoff Cold Saw

Non ferrous
16" Dia Blade 5" Capacity
Hydraulic Feed



Broaching & Keyways

***DC. Morrison
Key Cutter***
1/16-3/4 Internal Keyways

Lapointe Broach
15 Ton

Pioneer Broach VT315A
1/2" Capacity



Finishing, Tumbling , Honing

Bader 1004A
Polishing & Sanding Machine

Baldor
Polishing & Buffing Machine

Bader 1004A
Polishing & Sanding Machine

Sweco 4 Cubic foot
Vibratory Finisher

Nova
Two Cubic Foot Vibratory Finisher

Sunnen MBB 1600
Honing Machine
1/16—6" Capacity





Welding & Fabrication

Miller Syncrowave 300
300 Amp Tig Welder

Hobart 2400
300 Amp Mig Welder

Miller Syncrowave
Aircrafter 330 TigWelder

Ransome
24" Welding Positioner

Airco Dip-Core 300
300 Amp Mig Welder

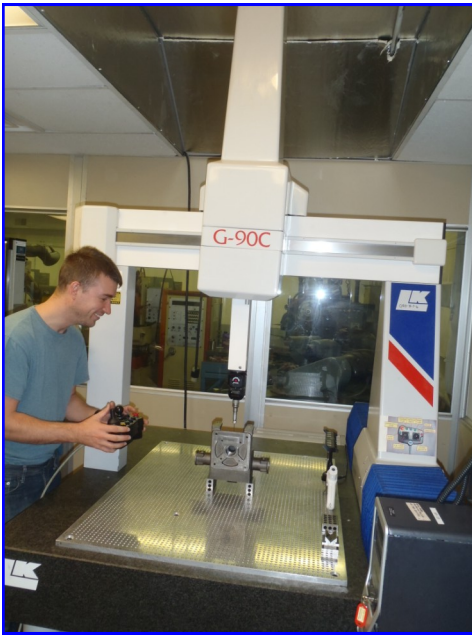
Heat Treating

Sybron Thermolyn
Electric Furnace
12" X 12"

Sybron Thermolyn
Electric Furnace
12" X 12"

EDM

Eltee Pulsitron
Model EP30/RD



Quality Assurance

Browne & Sharpe
Coordinate Measuring Machine 16" X 24"

Browne & Sharpe
Micro-Hite Digital Height Gage
36" Capacity

Scherr Tumico 30"
Optical Comparator
Digital Readout

Wilson 3JR Rockwell Tester
B Scale
C Scale

Mitutoyo 81pc Gage Blocks
inspection Grade

Meyers & Deltronic Pin Gages
.062- .625

LK CMM COORDINATE MEASURING MACHINE
Large Capacity

Federal & Sunnen Dial Bore Gages
2" to 8" Capacity

STATE OF THE ART CAD/CAM SOFTWARE
Solidworks, Mastercam, CMM-Manager,
InspectionXpert, AutoCAD

