

Facilities List

CNC 5-Axis Machining Centers		
Make & Model:	Qty:	Specs:
DMG / Mori Seiki DMU 65 FG monoBlock	1	<ul style="list-style-type: none"> • Full 5-Axis Turn/Mill • 33" Diameter x 19.68" Workpiece • 90 Position ATC
Toyoda FH80B	1	<ul style="list-style-type: none"> • Full 5-Axis Horizontal • 2 Station Pallet Changer • 120 Position Tool Changer • X = 39", Y = 38", Z = 35"
CNC Horizontal Machining Centers		
Make & Model:	Qty:	Specs:
Kitamura H400	1	<ul style="list-style-type: none"> • 4-Axis • 2 Station Pallet Changer • 100 Position Tool Changer • X = 24", Y = 20", Z = 20"
Matsuura MC450H-30-PC11	1	<ul style="list-style-type: none"> • 1 Degree Pallet Indexing • 11 Station Pallet Changer • 100 Position Tool Changer • X = 17.71", Y = 14.76", Z = 17.71"
Mazak PFH-5800	1	<ul style="list-style-type: none"> • 4-Axis • 6 Station Pallet Change • 120 Position Tool Changer • X = 29", Y = 29", Z = 29"
Toyoda FA630	1	<ul style="list-style-type: none"> • 4-Axis • 2 Station Pallet Changer • 60 Position Tool Changer • X = 39", Y = 32", Z = 30"
Toyoda FH60	1	<ul style="list-style-type: none"> • 4-Axis • 6 Station Pallet Changer • 120 Position Tool Changer • X = 39", Y = 32", Z = 30"
CNC Vertical Machining Centers		
Make & Model:	Qty:	Specs:
Excel 810	1	<ul style="list-style-type: none"> • 4-Axis • Haas 5C Indexer • 24 Position Tool Changer • X = 31", Y = 20", Z = 20"
HAAS VF6	1	<ul style="list-style-type: none"> • 4-Axis • 12" Diameter Rotary Table • 20 Position Tool Changer • X = 64", Y = 32", Z = 30"

Facilities List

CNC Vertical Machining Centers Continued		
Make & Model:	Qty:	Specs:
Matsuura MC-600VF	2	<ul style="list-style-type: none"> • 4-Axis CNC • 8" Diameter Rotary Table • 30 Position Tool Changer • X = 24", Y = 16", Z = 18"
Matsuura MC-800VF	1	<ul style="list-style-type: none"> • 3-Axis • 30 Position Tool Changer • X = 32", Y = 18", Z = 20"
Okuma GENOS M560-V	1	<ul style="list-style-type: none"> • 3-Axis • 32 Position Tool Changer • Work and Tool Probe Package • X = 41", Y = 22", Z = 18"

CNC Vertical Mill-Turn Centers		
Make & Model:	Qty:	Specs:
Mazak Mega Turn A12	1	<ul style="list-style-type: none"> • 49" Diameter Table • 48" Max Workpiece Height • 30 Position ATC • C-Axis • Live Tooling

CNC Mill-Turn Centers		
Make & Model:	Qty:	Specs:
DMC DL21MA	1	<ul style="list-style-type: none"> • 8" Chuck • Y-Axis C-Axis • 12 Position Turret • Tool Touch off Probe • LNS Bar Feeder • Z = 13.39" Between Centers
DMC DL30M	1	<ul style="list-style-type: none"> • 12" Chuck • Y-Axis C-Axis • 12 Position Turret • Tool Touch off Probe • Z = 43.5" Between Centers
Mori Seiki NL3000Y	1	<ul style="list-style-type: none"> • 12" Chuck • Y-Axis C-Axis • 10 Position Turret • Z = 28" Between Centers
Okuma LB3000EX-II BB /800-MYW	1	<ul style="list-style-type: none"> • 10" Chuck • Y-Axis C-Axis • 12 Position Turret • Dual Spindle • 42.72" Between Centers

Facilities List

CNC Mill-Turn Centers Continued		
Make & Model:	Qty:	Specs:
Takamaz XY-2000 Mighty	1	<ul style="list-style-type: none"> • 8" and 6" Chuck • Dual Turret & Spindle • 8-Axis • 3" Bar Capacity LNS Servo Bar Feed • Parts Catcher
CNC Turning Centers		
Make & Model:	Qty:	Specs:
Feeler FTC-200L	1	<ul style="list-style-type: none"> • 8" Chuck • 12 Position Tool Turret • Z = 27.6" Between Centers
Ikegai TU30	1	<ul style="list-style-type: none"> • 18" Chuck • 12 Position Tool Turret • Z = 39" Between Centers
Mori Seiki SL 3B	1	<ul style="list-style-type: none"> • 10" Chuck • 10 Position Tool Turret • Z = 19" Between Centers
Nakamura Slant Jr.	1	<ul style="list-style-type: none"> • 6" Chuck • 10 Position Tool Turret • Z = 23" Between Centers
CNC Wire EDM		
Make & Model:	Qty:	Specs:
Sodick AQ327L	1	<ul style="list-style-type: none"> • 22" x 16.5" x 9.5" (Max. Work Piece) • X = 14.5", Y = 10.5", Z = 10" (Travel)

Facilities List

Quality Control Department:

- ISO 9001:2015 Certified
- AS9100 Compliant

Quality Control Equipment:

- Mitutoyo Crysta-Apex S776 Programmable Coordinate Measuring Machine
- Trimos 600 Electronic Height Gages (24" Capacity)
- Nikon Profile Projector 6C (12" Screen)
- B & S Granite Surface Plates
- Micrometer Sets up to 12"
- Calipers up to 42"
- Gage Blocks
- Thread Gages
- Special Gages Designed and Built as Required***

Engineering Department:

- Solidworks
- AutoDesk FeatureCAM
- AutoDesk PowerMILL
- Esprit CAD/CAM System
- G-Zero CAM Programming System
- PC-DNC Plus
- InspectionXPRT
- JobBOSS

Support Equipment:

- Acer Supra 1428 Surface Grinder 14" x 28"
- Bridgeport Milling Machines with Digital Readouts
- Harding Chucker Lathe
- Cincinnati Milacron Filmatic 12" UA Universal Grinder, 48" Between Centers, ID Attachment
- Shigiya GP40B Cylindrical Grinder
- Sunnen Honing Machine
- El Dorado Gundrill
- Welding
- Complete Array of other Equipment
- Hydrostatic Testing