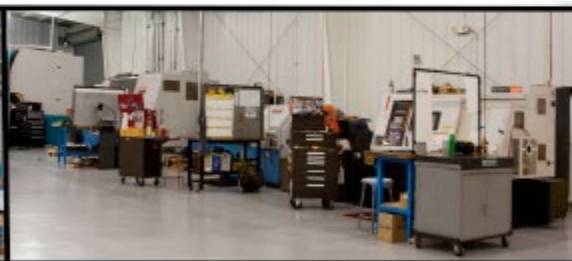


EQUIPMENT LIST



- MACHINING CENTERS
- TURNING CENTERS
- EDM - WIRE & SINKER
- CAD/CAM WELDING
- INSPECTION



- **ISO 9001:2015**
 - **ITAR REGISTERED**
- (Copies of Certifications available upon request)



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TURNING CENTERS



MAZAK Quick Turn 250
Turning Center
4,000 Spindle Speed
12 Station Turret
Max swing 24.000 in.
Max length 30.000 in.



MAZAK Quick Turn 20
Turning Center
4,000 RPM Spindle Speed
8 Station Turret
Max Swing 12.000 in.
Max Length 18.000 in.



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MACHINING CENTERS



DMG DMU 65 monoBlock
Multiaxis Machining Center
5 Axis Programmable
18,000 RPM Spindle speed
60 Station Tool Changer
Travels (inch)
X=28.900
Y=26.600
Z=22.000
C= infinite
A=± 120 deg.



Matsui H.Plus-630
High Speed Horizontal
4 Axis Programmable
12,000 RPM Spindle speed
60 Station Tool Changer
2 Station Pallet Changer
Travels (inch)
X= 45.000 travel
Y= 39.000 travel
Z= 35.000 travel
B= infinite



Matsui ES-800V
Vertical Machining Center
High Speed, Single Spindle
20,000 RPM Spindle speed
30 Station Tool Changer
Travels (inch)
X= 31.500 travel
Y= 20.000 travel
Z= 19.500 travel

Matsui ES-1000V
Vertical Machining Center
3 Axis Programmable
12,000 RPM Spindle Speed
30 Station Tool Changer
Travels (inch)
X= 40.000
Y= 20.000
Z= 19.500



MACHINING CENTERS



Matsuura MAM-700

Horizontal Milling Machine

4 Axis Programmable

8,000 RPM Spindle Speed

52 Station Tool Changer

2 Station Pallet Changer

Travels (inch)

X= 24.000

Y= 29.000

Z= 26.000

B= Infinite

MAZAK Nexus 510-II

Vertical Machining Center

3 Axis Programmable

12,000 RPM Spindle Speed

30 Station Tool Changer

Travels (inch)

X= 41.300

Y= 20.000

Z= 20.000



Haas VF-9

Vertical Machining Center

4-Axis Programmable

10,000 RPM Spindle speed

30 Station tool changer

Travels (inch)

X= 84.000

Y= 40.000

Z= 30.000

B= Infinite



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MACHINING CENTERS



Hass VF-2

Vertical Machining Center
4-Axis Programmable
7,500 RPM Spindle speed
20 station tool changer
Travel (inch.)
X= 30.000
Y= 16.000
Z= 20.000
B= Infinite

Hass VF-4
Vertical Machining Center
4-Axis Programmable
7,500 RPM Spindle speed
20 station tool changer
Travel (inch.)
X= 50.000
Y= 20.000
Z= 25.000
B= Infinite



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TURNING CENTERS



Mori Seiki NL3000

4 Axis Turning Center
3,000 RPM Spindle Speed
12 Station Turret
Live Tooling
Y Axis
Max Swing 15.000 in.
Max Length 45.000 in.



MAZAK Slant Turn 450

Turning Center
4,000 RPM Spindle speed
12 Station Turret
Max Swing 30.000 in.
Max Length 80.000 in.



DOOSAN V850

Vertical Turning Center
1,800 RPM Spindle Speed
12 Station Turret
Max Swing 40.000 in.
Max Length 30.000 in



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TURNING CENTERS

DMG Mori Seiki NLX 3000



Mori Seiki NLX 3000
Horizontal Turning Lathe
12 Station Turret
Live Tooling
RPM 3,000
X- Axis 11 in.
Z- Axis 32.3 in.
Y- Axis 4.72 in.
Max. Swing- 15 in.
Max. Length - 45.000



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EDM Machining



FANUC Robocut A-1C

5-Axis Programmable

Automatic Threader

Travels (inch)

X= 15.000

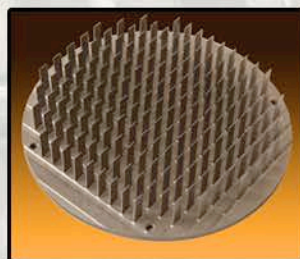
Y= 12.000

Z= 12.000

U= 4.000

V= 4.000

Wire EDM



Chmer 50N

4 Axis Programmable

4 Station Tool Changer

Travels (inch)

X= 24.000

Y= 20.000

Z= 20.000

C= 360°



Sinker EDM



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CAD/CAM & Welding

CAD/CAM

Mastercam X7

Mill level 3

Solids

Multi Axis

Turning

Version: X7

3D 5 Seats



WELDING

IMC's welding services include structural, vacuum, high-pressure vessel, nuclear containment vessel, and aerospace.

Our welder is certified to ASME section IX, AWS_D17.1, AWS_D1.1, AWS_D1.2 and AWS D1.6 These Certifications encompass Stainless steel, Steel, Aluminum and Titanium. We also have the ability to perform glove box welding for high purity on alloys such as tantalum, magnesium and tungsten.



Tool Selector

Additional Support Equipment

Cadillac Gap Bed Engine Lathe

Travel: Max swing 17.00 Dia. X 36.00 long
Gap Removed; Max swing 24.00 Dia. X
6.00 Long.

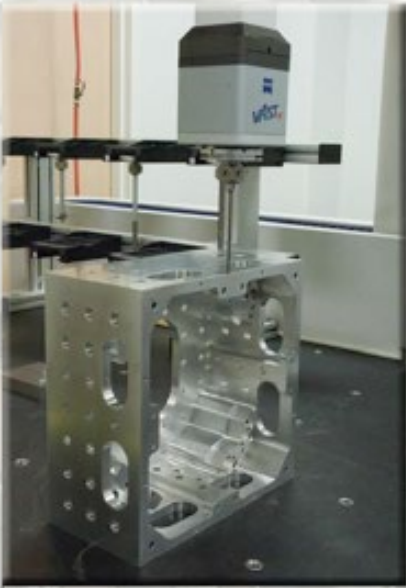
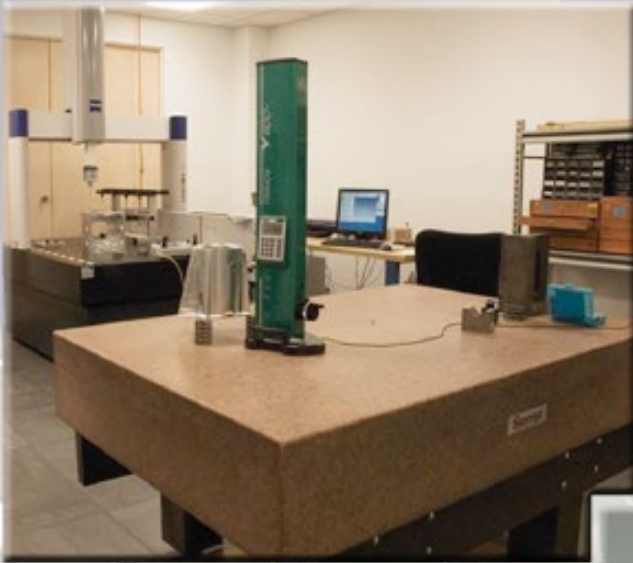
Harding HC High Speed

Super-Precision Chucking Lathe
10.00 in. Swing
9 Station Turret



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INSPECTION Equipment



Starrett Granite

Surface Plate

Surface Area (inch)
48.000 x 72.000
Inspection Grade AA

TRIMOS 600 Height Gage

Range 0-24.000 in.

Zeiss Contura G2

With Vast XT Active Scanning Sensor

XxYyZz (mm) Scanning Tolerance
*MPE acc. DIN EN ISO
10360-4 700 x 700-1000 x 600
THP (um) 2.5 (sec) 68
1000 x 1000-2100 x 600THP (um)
3.0 (sec) 68 1000x1000-2100 x
600 THP (um) 3.0

Micrometers: 0-24.000 in.

Caliper: Up to 72.000 in
I.D. Micrometer:
0-40.000 in. .00005 Resolution.

LITZ WETZLAR OPTICAL COMPARATOR

Reverse Imaging Capabilities
10x-100x Magnification
0.0001 Resolution (X & Y)



● **ISO 9001:2015** ● **ITAR REGISTERED**
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