

CAPABILITIES

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MATERIAL CAPABILITIES

HARD MATERIALS

- Stainless: 3xx series, 4xx series, 15-5, 17-4
- Super Alloys: Inconel 718/X750, A-286, Haynes
- Alloys: 4xxx series
- Carbon: 1xxx series

SOFT MATERIALS

- Aluminum
- Copper
- Brass
- Plastic
- Phenolic

MANUFACTURING CAPABILITIES

MILL/TURN STATIONS

MORI SEIKI NL2000

- Bar Capacity: 2.5"
- Chuck Size: 8"
- X Axis Travel: 10.2"
- Z Axis Travel: 23.2"
- Max Turning Diameter: 14"
- Max Turning Length: 20"
- Max Swing: 36.4"



OKUMA MULTUS B200-W

- Max Machining Diameter 23.62"
- Distance Between Centers 29.53"
- Spindle Bore 2.44"
- Chuck Size 6"
- X-Axis Travel 19.69"
- Z-Axis Travel 31.50"
- Y-Axis Travel 6.3" (+3.15 TO -3.15)
- W-Axis Travel 31.89"
- C-Axis 360 Degree
- B-Axis Indexing Angle 225 Degree



LATHES

GENOS L250

- X axis travel 6.3"
- Z axis travel 12.99"
- Swing over bed 17.72"
- Swing over cross slide 11.02"
- Max work length 11.42"



OKUMA LB10 X 2

- Maximum Turning Dia. x Maximum Work Length (Chuck Work): 5.91" x 4.72"
- Maximum Turning Dia. x Maximum Work Length (Shaft Work): 5.91" x 9.84"
- Distance Between Centers: 9.84"
- Main Spindle:
 - Spindle Bore (inches) 1.77"
 - Spindle Nose: 5.51"
- Carriage (Z-Axis):
 - Carriage Travel: 11.22"
 - Minimum Input Increment: 0.0001"
- Cross Slide (X-Axis):
 - Cross-Slide Travel: 5.91" (5.51 + 0.4)
 - Minimum Input Increment: 0.0001"

MILLS

MORI SEIKI NV500

- X axis travel 6.3"
- Z axis travel 12.99"
- Swing over bed 17.72"
- Swing over cross slide 11.02"
- Max work length 11.42"



OKUMA MB-46VAE X 2

- 3 axes: X, Y, and Z.
 - X-Axis: 30"
 - Y-Axis: 18.11"
 - Z-Axis: 18.11"
- Table
 - Max Machining Volume: 22.05" x 18.11" x 18.11"
 - Table Size: 18.11" x 29.92"
 - Max Table Load: 1543.24 lbs.



METAL FABRICATION

DIAMOND BB4013 PRESS BREAK

- Press Force: 36 tons
- Bending Length: 50"
- Open Height: 17"
- Ram Stroke: 6"
- Gap Depth: 4"



KOMATSU H1F35 PUNCH PRESS

- Press Force: 38.5 tons
- Rating Point: 0.18"
- Stroke Max: 3.15"
- Strokes Per Minute: 120
- Shutheight: 8.27"
- Slide Adjust: 2.17"
- Slide Left/Right: 13.8"
- Slide Front/Back: 11.8"
- Shank Hole: 1.5"
- Bolster Dimension Left/Right: 27.6"
- Bolster Dimension Front/Back: 15.7"
- Bolster Thickness: 3.4"
- Motor: 5kw



OMAX 2652 JETMACHINING CENTER (WATERJET)

- X-Y Cutting Envelope: 4' 4" x 2' 2"
- Z-Axis Travel: 8"
- Table Size – (L x W): 5' 9" x 2' 6"

