

FACILITIES LISTING

CNC Vertical Boring Mill/LiveSpindle

Machine#220

Make: TOS SKS 12
49" Chuck, (4) Jaw
65" Swing
55" Under Rail
4-400 Table RPM
Table "C" Axis Feed
4-3000 RPM Live Spindle (Mill, Drill, & Tap)
39" Ram Travel, Auto Tool Changer

CNC Vertical Turning Center

Machine#300

Make: Olympia V-40
47" Chuck (4) Jaw
57.1" Swing
43.3" Under Rail
4-700 Table RPM, Auto Tool Changer
80 H.P. Main Motor

CNC Turning Center

Machine#325

Make: Samsung SL-45MC/2200
Live Tooling
21" Diameter 3 jaw Hydraulic Chuck
30.5" Max. Swing, 27.2" Max. Turning diameter
86.61" Max. Machining length
1,800 RPM Main Spindle, 4,000 RPM Live Tooling
Hydraulic Steady Rest

Vertical Boring Mill

Machine#188

Make: Webster & Bennett
84" Swing
72" Chuck-4 Jaw
48" Under Rail

CNC Vertical Machining Center

Machine #250

Make: Okuma Cadet-Mate
18" Head Travel Up & Down
40" Table Travel Left & Right
20" Table Travel In & Out
20" x 47" Table

CNC Horizontal Boring Bar

Machine #310

Make: Kuraki KBT-11Z
4.3" Spindle Diameter
70.86" Head Travel Up & Down
98.42" Table Travel Left & Right
47.24" Table Travel In & Out
55.11" x 68.89" CNC Indexing Table
Auto Tool Changer

CNC Horizontal Boring Bar

Machine #216

Make: Giddings & Lewis
4" Spindle Diameter
84" Head Travel Up & Down
132" Table Travel Left & Right
72" Table Travel In & Out
48" x 146" Table
30" x 30" Rotary Table

CNC Horizontal Machining Center

Machine #320

Make: Kia KH63
Travels:
X-Axis 37.4"
Y-Axis 32.3"
Z-Axis 29.9"
Table Size: 24.8"
Pallets: 2
Spindle: 4500 R.P.M.

CNC Lathe (Turn, Mill, Drill Center)

Machine #290

Make: Okuma Captain L370M w/Live Tooling
13.38 Max Turn Diameter (10" 3 Jaw Chuck)
19.685 Max Turn Length
2" Spindle Hole

CNC Lathe

Machine #207

Make: Mazak M-5
23" Diameter Chucking Capacity
13" Diameter x 120" Between Centers
6" Spindle Hole
21" Chuck (4 Jaw)

FACILITIES LISTING

CNC Lathe

Machine #225

Make: Okuma L1420 (LB25)
15" Diameter Chuck (3 Jaw)
14" Diameter x 30" Between Centers
4" Spindle Hole

CNC Lathe

Machine #235

Make: Okuma L470BB-1250
15" Diameter Chuck (3 Jaw)
16.5" Diameter x 49" Between Centers
3.6" Spindle Hole

CNC Lathe

Machine #270

Make: Okuma Crown L1060
8" Diameter Chucking Capacity
10.5" Diameter x 19.625" Between Centers
2" Barfeed Capacity
12" Chuck (3 Jaw)

CNC Lathe

Machine #240

Make: Harrison Alpha A550
16" Diameter Chucking Capacity
14.5" Diameter x 80" Between Centers
32" Diameter x 5.5" Removable Cap
3.5" Spindle Hole

Keyseater

Machine #187

Make: Mitts & Merrill #6
25" Max Keyway Length
2.5" Max Keyway Width

Keyseater

Machine #214

Mitts & Merrill #3
11.75" Max Keyway Length
1.5" Max Keyway Width

Horizontal Band Saws

Machine #196

Make: Sparton PA-10
10" Diameter Capacity w/autofeed

Make: Kalamazoo 13AW
16" Diameter Capacity

Inspection Facility

Climate Controlled Inspection Room
Brown & Sharpe 47" x 60" x 40" CMM
(Global Performance 12-15-10)
40" x 60" Granite Inspection Table

Miscellaneous Equipment/Capabilities

Static Balancing Capacity up to 120" Diameter
Welding and Cutting Equipment
Manual Engine Lathes
Manual and Vertical Mills
Tool & Cutter Grinders
Surface Grinder 6" x 18"
Forcing Presses up to 200 Tons
Radial Drill Press
Vertical Bandsaws
Mastercam CAD/CAM Software
E2 Shoptech ERP Software