

CNC EQUIPMENT

MILLS

Horizontal Machining Centers

**Total
38****1250mm -One (1)**

40 HP spindle
60 tool automatic changer, part probe, high pressure coolant system
Capacities: X = 87", Y = 63", Z = 73"

1000mm -Thirteen (13)

30 HP spindle
60 tool automatic changer, part probe, high pressure coolant system
Capacities: X = 83", Y = 53", Z = 55"

800mm - Six (6)

20 and 25 HP spindles
77 and 64 tool automatic changers
Capacities: X = 60", Y = 50", Z = 32"

630mm - Thirteen (13)

20, 25 and 40 HP spindles, 3 with high pressure coolant systems
64, 77 and 186 tool automatic changers, 4 with part probes
Capacities: X = 41", Y = 34", Z = 34"

500mm - Four (4)

40 HP, 12,000 RPM spindle, 2 with high pressure coolant systems
60 tool automatic changer
Capacities: X = 29.5", Y = 29.5", Z = 29.5"

400mm - One (1)

30 HP, 12,000 RPM spindle
60 tool automatic changer
Capacities: X = 22", Y = 23", Z = 20".

Horizontal Boring Mill

**Total
9**

One (1) Machines with 5.375" bar, 40 HP, 2500 RPM
60 tool automatic changer
Capacities: X = 156", Y = 91", Z = 51" B = 360,000 positions.

Five (5) Machines with 5.375" bar, 40 HP, 2500 RPM
60 tool automatic changer
Capacities: X = 156", Y = 91", Z = 51" B = 360,000 positions.

Three (3) Machines with 4.30" bar, 30 HP, 4000 RPM
60 tool automatic changer
Capacities: X = 100", Y = 80", Z = 60" W = 20" B = 360,000 positions.

Vertical Bridge Mills

Five (5) Large 118" x 59" tables
60 tool automatic changer
35 HP spindle
Capacities: X = 121", Y = 63", Z = 32"

One (1) Large 79" x 59" table
60 tool automatic changer
35 HP spindle
Capacities: X = 84", Y = 63", Z = 32"

**Total
6**

Vertical Machining Centers

Five (5)
Up to 40 tool automatic changer
25 HP spindle
Capacities Up to: X = 80", Y = 31", Z = 30"

**Total
5**

LATHES

Vertical Lathes

Five (5) 94" maximum swing, 79" table diameter
74" under ram, 82" diameter
12 tool automatic changer

Four (4) Vertical Turning Lathes
59" under ram, 71" diameter
12 tool automatic changer

One (1) Vertical Turning Lathe
24" chuck, live tooling with C-Axis
2000 RPM, 12 tools.

Four (4) Vertical Turning Lathes
40" chuck, through the tool coolant
500 RPM, 32 tools
Dual Pallet, Part Probe, Automatic Tool Offsetting

**Total
14**

Horizontal Lathes

**Total
7**

Five (5) Slant Bed Horizontal Lathes
(2) 12", (2) 16" and (3) 25" chucks
10-2,000 RPM, 12 tools.

Two (2) Long Bed Horizontal Lathe
24" chuck, 81" between centers
1500 RPM, 12 tools.
6 3/8" thru hole in chuck

Lathe/Vertical Machining Center

**Total
1**

One (1) Hybrid Vertical CNC Turn/Mill Center
35" hydraulic chuck, 39" swing diameter, live tooling with C-Axis
36-tool magazine
High-pressure coolant system

QUALITY

Two Environmentally Controlled Inspection Rooms

Five (5) Coordinate Measuring Machines
Up to 3000 x 1800 x 1500

ROMER Portable CMM with Laser Scanning Head