

CNC Turning Equipment

Quantity



- 4 Mazak Dual Turn 20 Turning Centers**
 - * Dual Spindle Capabilities
 - * Automatic transfer from Spindle to Spindle
 - * 24 Tool Capability
 - * 10 - inch diameter
 - * 6-8 inch length

- 3 Mazak Quick Turn Nexus 200**
 - * 8 - inch Chuck (swings 14 inches)
 - * Programmable Tailstock
 - * 12 Tool Capability
 - * LNS Quick Load Bar Feeder
 - * 18 - inch length

- 1 Mazak Quick Turn 250**
 - * 8 - inch Chuck (swings 14 inches)
 - * Programmable Tailstock
 - * 12 Tool Capability
 - * 18 - inch length

- 1 Mazak Quick Turn Nexus 300M**
 - * Mazatrol Fusion 640M CNC Control
 - * 10 - inch Chuck (swings 26.8 inches)
 - * Programmable Tailstock (Servo Controlled)
 - * 35 hp / 4,000 rpm
 - * 12 "Live" Tool Capability

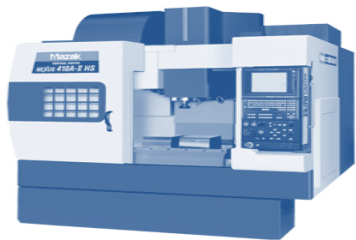
- 1 Mazak Quick Turn Nexus 100M**
 - * Mazatrol Fusion 640M CNC Control
 - * 6- inch Chuck
 - * Programmable Tailstock (Servo Controlled)
 - * 15 hp / 4,000 rpm
 - * 12 "Live" Tool Capability

- 1 Mazak Quick Turn 20**
 - * 8 - inch Chuck (swings 14 inches)
 - * 8 Tool Capability
 - * 18 - inch length

- 1 Mazak Quick Turn 8**
 - * 6 - inch Chuck (swings 14 inches)
 - * 8 Tool Capability
 - * 6-8 - inch length

- 1 Mazak Quick Turn 15N**
 - * 8 - inch Chuck (swings 14 inches)
 - * Programmable Tailstock
 - * 8 Tool Capability
 - * 18 - inch length

CNC Milling Equipment



- 1 Mazak VTC - 160A Vertical Machining Center**
 - * Mazatrol Fusion 640M CNC Control
 - * 24 Pocket Tool Magazine
 - * Machining Envelope
 - 22 - inch X-Axis
 - 16 - inch Y-Axis

- 20 - inch Z-Axis
- * NC Rotary Table Capabilities

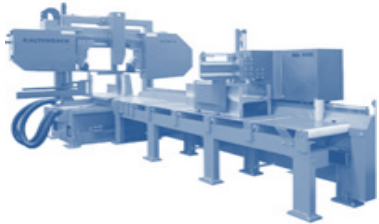
1 Mazak 510-II Vertical Machining Center

- * Mazatrol Matrix Control
- * 30 Pocket Tool Magazine
- * Machining Envelope
 - 51 - inch X-Axis
 - 20 - inch Y-Axis
 - 22 - inch Z-Axis
- * NC Rotary Table Capabilities

1 Mazak FH4800 Horizontal Machining Center

- * Mazatrol Fusion 640M CNC Control
- * 40 Pocket Tool Magazine
- * NC Rotary Table Capabilities
- * Dual Pallet

Saw Equipment



2 Kaltenbach Band Saws

- * 14" Cutting Capacity
- * Index Mechanism - Shuttle Vise
- * Chip Conveyor

2 Amada 250 Band Saws

- * 10" Cutting Capacity
- * 3307 lbs - Work Load Capacity
- * Index Mechanism - Shuttle Vise
- * Chip Conveyor

1 **Dake 320AX Miter Cutting Saw**

- * 12" Cutting Capacity
- * Miter Capable

Additional Equipment

Inspection Equipment

- * Brown and Sharpe Micro VAL 454 CMM with Tudor Software
- * Brown and Sharpe Micro VAL 454 CMM with Open DMIS Software
- * Mitutoyo PH-3515F Optical Comparator with Quadra-Check 200
- * SPC-Light Software
- * Wilson Instrument - Tukon Microhardness Tester
- * Federal Mahr Surface Finish Profilometer
- * RSK Bench Center Type 1
- * Gagetrak Calibration Software
- * Wide Range of Hand Held Inspection Devices

Tool Room Equipment

- * 3 - Bridgeport Mills
- * 48 inch Manual Lathe
- * 6 x 12 - Boyer & Shultz Surface Grinder
- * 6 x 18 - Boyer & Shultz Surface Grinder
- * 55 Ton RAMCO Hydraulic Press
- * 2 - All Purpose Bandsaws

