



EAGLE CNC Technologies

Equipment List

CNC Lathes

- (2) **Mazak Multiplex 6200Y** Turning centers with twin 30 hp spindles and powered heads for secondary milling and drilling. These machines are both equipped with gantry robots for unmanned loading, transfer and unloading.
- **Mazak DT-20** Turning center with twin spindle 20 hp spindles, equipped with Mazak cut feeder system with automatic part loading, transfer and unloading.
- (2) **Mazak QT-20** Lathe with 20 hp spindle, T32 control with 12" x 18" turning Capacity.
- **Mazak QT-18** Lathe with 20 hp spindle, T32 control with 12" x 18" turning Capacity.
- (2) **Mazak QT-15** Lathe with 20 hp spindle, T32 control with 12" x 18" turning Capacity.
- **Eurotech Elite 730 SE** Lathe with 30 hp main spindle and 5 hp sub-spindle. This lathe is equipped with a Lexaire magazine automatic short bar feeder and parts un-loader.
- **Mazak M-4** Universal turning machine with 25 hp spindle and a turning capacity of 22" x 40".
- **Mori Seiki ZL-250SMC** 30Hp 4 axis lathe, with powered tools and sub Spindle. 12" Chuck

CNC Milling Equipment

- **Toyoda FH-550SX HMC** 40 hp high torque spindle, 50 Taper Horizontal machine center with 550mm pallets and high pressure through the tool coolant. This machine has an **8 Pallet, linear Pallet Pool System** and has a machining cube of 29.5" in the "X" axis, 31.5" in the "Y" axis and 33.4" in the "Z" axis.
- **Toyoda FA-630** 40 hp spindle, 50 Taper tooling Horizontal machine center with twin 630mm pallets, and has a machining cube of 39" in the "X" axis, 33.5" in the "Y" axis and 29.5" the "Z" axis.
- **Mazak E-800 Intergrex** 30 hp horizontal/vertical Five (5) Axis Machine center with vertical turning capabilities. This machine is attached to a **6 Pallet Linear Pallet Pool System**, and has a machining cube of 43.31" x 31.50" x 35.43", and turning capacity of up to 30".

2357 Whitehall Rd. North Muskegon, Michigan. Ph. (231) 766-3914 Fax (231) 766-3846

- **(2) Mori Seiki SH-503** 30 hp horizontal machining centers with 500 mm pallets and 1000 PSI through spindle coolant system. These machines are attached to an **18 Pallet Linear Pallet Pool System**. This system maximizes spindle time and allows for unattended operation.

CNC Milling Equipment (Continued)

- **Haas VF-3** 15 hp vertical machine center with full rotary 4th axis and 48” x 20” travel.
- **Haas VF-3B** 30 hp vertical machine center with full rotary 4th axis, through spindle coolant and 48” x 20” travel.
- **Matsuura MC 1000VG** 30 hp Vertical Machine Center with 45 Taper tooling and 4th Axis indexer. The machine travels are 40” in the “X” axis, 20” in the “Y” axis and 20” in the “Z” axis
- **Fadel 88HS** 20 hp Vertical Machine center, 30 hp with 40 Taper tooling and 4th Axis. The machine travels are 40” in the “X” axis, 20” in the “Y” axis and 20” in the “Z” axis
- **Mazak AJV 25/40** 20hp Vertical Machine Center with 50 Taper tooling and 4th Axis indexer. The machine travels are 40” in the “X” axis, 20” in the “Y” axis and 20” in the “Z” axis

Grinding & Honing Equipment

- **Sunnen SV-10-D** Vertical Hone, NC Controlled, with up to 18” stroke.
- **K.O. Lee** O.D. grinder with 10”x 20” travels and NC controls.
- **Cincinnati** 6” x 30” O.D. Cylinder grinder
- **Thompson Model B** surface grinder 14” x 48”

Cut Off Saws

- **Behringer HBP360A Dual Column** with automatic feed and material advance.
- **Peerless HB 1212A** with automatic feed and material advance.

Inspection Equipment

- **Brown and Sharp Mistral** CMM with PC-DIMS Software
- **Mitutoyo B231** Coordinate Measuring Machine with Geo Pak Software
- **Federal Grade 2 Gage Blocks**; secured in locked cabinet & used only by inspection technicians for calibration.