



Precision Machining Center

Precision Machining and Contract Manufacturing
(207) 854-1500

Engineering Capabilities:

Engineering Design, Product and Project Management, Quality Management, Project Assemble, Solid Works Design Software, Design Analysis, Job Boss

CNC 5 Axis Milling Centers:

Mazak Integrex e-1060V II:

73.8" x 41.7" x 52.9" Work Envelope, Mazatrol Matrix Control, Rapid Traverse rate: X,Y,Z 42000mm/min

Mazak Integrex e-1060V/8 II:

73.8" x 41.7" x 52.9" Work Envelope, Mazatrol Matrix Control, Rapid Traverse rate: X,Y,Z 42000mm/min

Mazak Integrex e-1060V/8 IIR:

73.8" x 41.7" x 52.9" Work Envelope, Mazatrol Matrix Control, Rapid Traverse rate: X,Y,Z 42000mm/min

Cincinnati Machine Magnum 1000:

57" x 72" x 61" Work Envelope
(7) Pallet Machining Center, Acramatic 2100 Control, 150 Deg. Tilting/Contouring Spindle, + 60 Millionths of An Inch Repeatability, 5 Axis Vector Probing.

(1) Cincinnati Machine Magnum 800:

49" x 61" x 47" Work Envelope, (7) Pallet Machining Center, Acramatic 950 Control, 150 Deg. Tilting/Contouring Spindle, + 60 Millionths of An Inch Repeatability, 5 Axis Vector Probing.

Mazak VCU 500 5x – 5 axis rotary/tilt table

19.88" x 19.88 x 20.07 – 15 HP 10000 rpm

CNC 3-4 Axis Milling Centers:

Toshiba 5.9" BP-150.R22 CNC:

160" x 100" x 60" Work Envelope, Horizontal CNC Machining Center, Toshiba Tosnuc 888 Control, Table load capacity 44,000 lbs

Cincinnati Milacron Magnum 800:

45.3" x 51.2" Work Envelope, Horizontal (5) Pallet Machining Center with Shuttle, 50 hp. 10,000 RPM Spindle, Acramatic 950 Control, 4 Axis Vector Probing

Mazak YMS H-25Q:

160" x 80" x 36" Work Envelope, Floor Type, Horizontal, 6.3" Spindle, 25 hp, Fanuc 11M.

Toshiba BTD-13.R22:

118" x 90.6" x 63." Work Envelope, Horizontal Boring And Milling Machining Center With 22000 lb Cap Rotary Table.

(1) Cincinnati FTV850:

145" x 32" x 31.5" Work Envelope, Vertical milling center, 40 hp, Fanuc control, 3 Axis.

Cincinnati CFV800:

31.5" x 21.25" x 22.0" work envelope, Vertical milling center, 50 hp, Fanuc control, 3 Axis.

CNC Turning Centers:

Ravensburg CNC Roll Lathe:

Model K3-1600, 82" Max Swing, 63 Max Swing Over Carriage, 472" Between Centers, 50 hp, Fanuc 0TC Control, 8" Hole Thru Spindle

Mazak A16N MegaTurn CNC Vertical Turning Lathe:

2 Pallet Changer, Live Tooling, 80" Max. Work Piece Dia. X 72" Max. Height, 80 hp, Mazatrol T32 Control

Mori Seiki SL600/2000, 2 Meter Bed Length:

1 Meter Swing over Bed, 50 hp, 10 Tool Station Turret, C Axis Milling, Fanuc Msc501 Control, 6.5" Hole Thru Spindle

(3) Mori Seiki SL600/1000, 1 Meter Bed Length:

1 Meter Swing over Bed, 50 hp, 10 Tool Station Turret, C Axis Milling, Fanuc Msc501 Control, 6.5" Hole Thru Spindle

Mori Seiki SL400/1000, 1 Meter Bed Length:

1 Meter Swing over Bed, 50 hp, 12 Tool Station Turret, C Axis Milling, Fanuc Msc501 Control, 4.5" Hole Thru Spindle

Mori Seiki ZL200:

SMC 4 Axis CNC lathe, Fanuc controls, 2" Hole Thru Spindle

Romi M27:

27" Swing over bed, 110" bed length' Fanuc series 21i – TB Controls, 4.0 Hole Thru Spindle

CMM Inspection Equipment:

Brown and Sharp Xcel 152010: Coordinate Measuring Machine, Multi axis with DDC controls programmable, Measuring envelope 59.1" x 118.1" x 39.4", Accuracy .0005", repeatability .00017". PCDIMS software.

ROMER Infinite Series Portable Measurement System:

1.2 Meter Arm, capable of measuring to +/-0.0006-in