

Modern Machine Company

Equipment List

Modern Machine Company maintains an efficient and cost effective operation, with cutting edge technology in milling, drilling, and work holding products.

Turning Equipment

- (1) 1997 Okuma Cadet LNC8 CNC Lathe, 12" diameter x 26"
- (1) 2000 Okuma LB25 II-M CNC Lathe, w/live tooling
- (1) LeBlond 19" diameter x 54" with read-outs
- ADMAC Okuma programming software

Vertical Milling Equipment

- (1) 2014 Okuma M560-V CNC Mill – Travel 42" h x 22" v x 18" z- 15,000 RPM Spindle w/ Super NURBS
- (1) 2013 Okuma 1052V-II 2050 CNC Mill – Travel 86" h x 41" v x 39" z-with Renishaw probe and high pressure through the spindle coolant
- (1) 2002 Okuma MB-56VB CNC Mill – Travel 42" h x 22" v x 18" z-with Kitagawa fully programmable 4th axis, Renishaw probe checking system and thru spindle coolant
- (1) 2001 Okuma MA-550VB CNC Mill – Travel 51" h x 22" v x 22" z -12,000 RPM Spindle w/ thru spindle high pressure coolant
- (1) 1996 Okuma MC-40VA CNC Mill – Travel 31" h x 15" v x 17" z
- (1) 1995 Okuma MC-6VAE CNC Mill – Travel 60" h x 25" v x 29" z
- (1) 1992 Okuma MC-6VA CNC Mill – Travel 48" h x 25" v x 29" z
- (1) 1991 Okuma MC-4VA CNC Mill – Travel 31" h x 15" v x 17" z
- (1) 1990 Okuma MC-4VA CNC Mill - Travel 31" h x 15" v x 17" z
- (2) Bridgeport Vertical Mill w/ readout, power table feed & right angle head
- (1) 2002 Proto-Trak CNC Mill-Travel 32" h x 17.5v x 21z
- (1) Haas dividing head w/ 13" chuck
- (1) Kitagawa integrated dividing head
- (2) SMW CNC Controlled Rotary Indexer
- Master Cam X7 Software for 2-D and 3-D part programming

Horizontal Boring Mills

- (1) Toshiba BP-110-P20 CNC Mill, 4.35" spindle – Travel 100" h x 65" v x 45" z w/ through the spindle coolant
- (1) Toshiba BTD-110-R16 CNC Mill, 4.35" spindle – Travel 78" h x 60" v x 50" w x 19" z w/ programmable 360 degree rotary table, 60 tool A.T.C.
- (1) DeVlieg 54K120 CNC Mill, 5" spindle – Travel 120" h x 72" v x 30" w x 15" z w/ full 4-axis CNC control
- (1) DeVlieg 43K72 NC Mill, 4" spindle – Travel 72" h x 48" v x 20" w x 15" z w/ 36" square air powered rotary table
- (1) DeVlieg 4B72 NC Mill w/Anilam Commando control, 4" spindle-Travel 72" h x 48" v x 16" z w/DeVlieg E-Table
- (1) Wotan B130S Mill, 5.94" spindle – Travel 98" h x 78" v x 66" w x 36" z w/3 axis readout and 360 degree powered rotary table

Grinding Equipment

- (1) Blanchard Grinder with 55" capacity, tolerances flat and parallel within .002
- (1) Mattison Surface Grinder 36" x 120" tolerances flat and parallel within .0002 to .0005
- (1) Mattison Surface Grinder 12" x 72" tolerances flat and parallel within .0002
- (1) Okamoto Surface Grinder 16" x 32" tolerances flat and parallel within .0002
- (1) Moore #3 Jig Grinder w/readout
- (1) Brown & Sharpe #13 Universal Grinder
- (1) Parker Majestic Surface Grinder 6" x 18" w/readout & compound magnetic sine chuck
- (1) Parker Majestic Surface Grinder 6" x 18"
- (1) Summit ID/OD Grinder 12" x 48"
- (1) Myford ID/OD Grinder

Additional Equipment

- (1) Pratt & Whitney slotter w/ rotary table
- (1) Sunnen hone w/full supply of arbor & stones
- (1) Dake 75 ton hydraulic arbor press
- (1) DoAll continuous feed horizontal band saw
- (1) DoAll vertical, contour band saw
- (1) Miller tig welder
- (1) Miller arc welder

Inspection Equipment

- (1) Brown & Sharpe Micro Hite 600 w/ 32" travel
- (1) Jones and Lambson 30" optical comparator w/quadra chek 2000 readout system
- (1) Clark hardness tester
- (1) 96" x 72" surface plate
- (12) Surface plates assorted sizes

We have all other necessary inspection equipment such as bore mic's, bore gages, gage pins, etc. required for the assurance of a quality product.

Modern Machine Company stocks most end mills, drills, taps, and inserts in our facility under consignment.

Modern Machine Company has a 1-ton Chevy HD 3500 Stake Truck Flatbed 15,000 GVW.

Modern Machine Company uses RealWorld / ShopWorks Software for Job Tracking, Costing, and Accounting.

If you have any additional questions please feel free to contact Gary Emede – President & Owner or Dean Emede – General Manager at 989-895-8563 or by e-mail at dean@modernmachine.biz