

CLARK MANUFACTURING MAIN EQUIPMENT LIST

MULTI-TASKING CNC MACHINERY

- 2- Mazak Variaxis 730-5X Vertical CNC Machining Center **NEW!**
 - 5th axis capability
 - Mazatrol Fusion 640M 5X Controller
 - 150 degree tilting axis, 360 degree rotary axis
 - 20" x 25" table size, 29" x 33" x 22" travel
 - 40 pc. Tool magazine, thru spindle coolant (50 taper)
 - 40 horsepower

- 1- Mazak CNC Quickturn Nexus 350M Multi-tasking Series **NEW!**
 - Live tooling for milling capability
 - Mazatrol Fusion 640T Nexus Control
 - 12" hydraulic chuck
 - 16.5" maximum turnable diameters
 - 26" between centers
 - Programmable tailstock
 - 40 horsepower, 4.4" spindle bore

- 1- Mazak CNC Quickturn Nexus 350M Multi-tasking Series **NEW!**
 - Live tooling for milling capability
 - Mazatrol Fusion 640T Nexus Control
 - 12" hydraulic chuck
 - 16.5" maximum turnable diameters
 - 46" between centers
 - Programmable tailstock
 - 40 horsepower, 4.4" spindle bore

CNC MILL DEPARTMENT

- 3 - Mazak AJV-25/405 Vertical CNC Machining Centers:
 - Mazatrol M-32 control
 - 30 pc. Tool magazine, thru spindle coolant (50 taper)
 - 21.6" x 48.8" table size, 20" x 40" travel
 - 1 with 10,000 RPM maximum spindle speed
 - 1 with true 4th axis capability (up to 12" diameter)
 - 25 horsepower

- 2 - Mazak VTC-200/50 Vertical CNC Machining Centers:
 - Mazatrol 640M Fusion control
 - 24 pc. Tool magazine, thru spindle coolant (50 taper)
 - 20" x 57" table size, 20" x 44" x 23" travel
 - 20 horsepower

- 1 - Mazak VTC-20C Vertical CNC Machining Center:
 - Mazatrol M-32B control
 - 2 - 24 pc. Tool magazines, BT-40 taper
 - 20" x 79" table size, 20" x 65" travel
 - 25 horsepower

CLARK MANUFACTURING MAIN EQUIPMENT LIST

- 1 - Mazak FJV-250 Vertical CNC Machining Center:
 - Mazatrol 640M Fusion control
 - 30 pc. Tool magazine, thru spindle coolant (40 taper)
 - 22" x 47" table size, 20" x 40" travel
 - 25 horsepower

- 1- Mazak Nexus 510C **NEW!**
 - Mazatrol 640M Fusion control
 - 40 taper, thru-coolant, 30-pc tool magazine
 - 51"x22" table size
 - 25 horsepower

- 1- Mazak Nexus 510C **NEW!**
 - Mazatrol 640MN Fusion control
 - 50 taper, thru-coolant, 24-pc tool magazine
 - 51"x22" table size
 - 30 horsepower

- 1 - Brother TC-229 CNC Drill & Tapping Center:
 - Brother conversational control
 - 14 pc. Tool magazine (30 taper)
 - 23.6" x 11.8" table size, 18.9" x 14.2" x 10.6" travel
 - 6.8 horsepower/ 10,000 RPM spindle

CNC LATHE DEPARTMENT

- 1 - Mazak M-5 x 2000 CNC Flatbed Lathe:
 - Mazatrol T-32 color graphics control
 - 15" hydraulic chuck
 - 24" maximum swing over bed, 13" over cross slide
 - 81.9" between centers, 2 steady rests 1-13" capacity
 - Hydraulic tailstock (built in center MT #5)
 - 30 horsepower, 4.5" spindle bore

- 2 - Mazak CNC Quickturn 30N Lathe:
 - Mazatrol T-32-2 control / T-Plus control
 - 12" hydraulic chuck
 - 14.5" maximum turnable diameter
 - 39" between centers
 - 1 with Programmable tailstock
 - 30 horsepower

- 1 - Mazak CNC Quickturn 28N Lathe:
 - Mazatrol T32B control
 - 12" hydraulic chuck
 - 14.5" maximum turnable diameter
 - 39" between centers
 - Programmable tailstock
 - 28 horsepower

CLARK MANUFACTURING MAIN EQUIPMENT LIST

- 1 - Mazak CNC Quickturn 25L Lathe:
 - Mazatrol T-Plus control
 - 10" Hydraulic chuck
 - 10" maximum turnable diameters
 - 40" between centers
 - Programmable tailstock
 - 25 horsepower

- 2 - Mazak CNC Quickturn 20 Lathes:
 - Mazatrol T-Plus control
 - 8" hydraulic chuck
 - 11.81" maximum turnable diameters
 - 17.5" between centers
 - Programmable tailstock
 - 15 horsepower

- Mazak CNC Quickturn Nexus 100
 - Mazatrol Fusion 640T Nexus control **NEW!**
 - 6" hydraulic chuck with barfeeder (1.56" maximum diameter)
 - 13.7" between centers
 - Programmable tailstock
 - 15 horsepower

- 1 - Mazak CNC Quickturn 8N Lathe:
 - Mazatrol T32B control
 - 6" hydraulic chuck with barfeeder (1.56" maximum diameter)
 - 6.3" maximum turnable diameters
 - 17.5" between centers
 - Programmable tailstock
 - 10 horsepower

- 1- Mazak CNC Quickturn Nexus 300 **NEW!**
 - Mazatrol Fusion 640TN Nexus Control
 - 10" hydraulic chuck
 - 16.5" maximum turnable diameters
 - 48" between centers
 - Programmable tailstock
 - 35 horsepower

- 1- Mazak CNC Quickturn Nexus 350 **NEW!**
 - Mazatrol Fusion 640T Nexus Control
 - 12" hydraulic chuck
 - 16.5" maximum turnable diameters
 - 26" between centers
 - Programmable tailstock
 - 40 horsepower, 4.4" spindle bore

CLARK MANUFACTURING MAIN EQUIPMENT LIST

GRINDING DEPARTMENT

- 2 - Kellenberger 1000U OD-ID Grinder
 - 12" x 24" capacity
 - Magnetic chuck
- 1 - Kellenberger 600U OD-ID Grinder
 - 10" x 24" capacity
 - Magnetic chuck
- 1 - Okamoto 16" x 32" DX Surface Grinder
 - Digital vertical position display
 - Z axis 16"
- 1 - Kent KGS-200 6" x 14" Surface Grinder

QUALITY ASSURANCE DEPARTMENT

- 1 - Brown & Sharpe DCC Coordinate Measuring Machine 2007
 - 700mm x 1000mm x 700mm measuring range
 - PCDMIS software V 4.1
- 1 - D.E.A. Coordinate Measuring Machine
 - Table size 53" x 24", 18" maximum height
- 1 - Starrett HE400-4 Optical Comparator (10x lens)
- 1 - OGP OQ-20 Optical Comparator w/ power table (10x, 20x, 50x lenses)
- 1,950 - Measuring Tools & Gages in our calibration system
- 1 - Talyrond 3 Roundness Measurement Machine
 - Measures roundness, concentricity, and flatness with .000005" accuracy
 - Maximum 18" dia.

CLARK MANUFACTURING MAIN EQUIPMENT LIST

OTHER MACHINES

- 7- Haas Rotary Tables
 - fully automatic, programmable, rotary positioning device
 - +/- 15 second accuracy

- 3 - Bridgeport Mills
 - Equipped with digital read-outs

- 1 - Hem Saw H105-LA Band Saw
 - Variable speed
 - Auto bar feed
 - 1.25" blade, 22" capacity

- 1 - Hem Saw H90A-B/F Band Saw
 - Variable speed
 - Auto bar feed
 - 1.00 blade, 13" capacity

Clark Manufacturing can handle all your machining needs, from individual prototypes to volume production. If you have any questions, give us a call.

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