



G3 Industries Swiss and CNC Machining Division Resource List

CNC LATHES

- 1-Mazak Hyper Quadrex - 5 axis, live tooling, C-axis, Y-axis, sub-spindle, upper/lower turret, barfed
- 4-Mazak Super Quick-Turn - 4 axis, live tooling, C-axis, sub-spindle
- 1-Mazak Super Quick-Turn - 5 axis, live tooling, C-axis, Y-axis, sub-spindle
- 1-Mazak Dual-Turn – twin spindle, gantry robot
- 2-Mazak Multiplex - twin spindle, 4-axis, live tooling, C-axis, bar feed, shaft feed
- 2-Mazak Multiplex - twin spindle, 4-axis, live tooling, C-axis, Y-axis, gantry robot
- 6-Hardinge Conquest - C-axis, turret milling, cross drilling, bar fed and chucker's
- 1-Hardinge GT - super precision, gang tooled for rapid setup
- 2-Hardinge DSM with Accuslide CNC for quick 2nd operations Bar feed capacity to 1-1/16"; Chucking capacity to 8"

CNC MACHINING CENTERS

1-Mazak Long Bed VMC	2-Daewoo's VMC	1-Mazak Horizontal	1-Makino Horizontal
20 x 78 x 20" 10HP	16 x 35 x 19" 10HP	16 x 16 x 20" 15HP	28 x 25 x 31" 30HP
Auto tool changer	Auto tool changer	2 four sided tombstones	2 four sided tombstones
Auto indexer	Twin pallet indexer	on twin pallet indexer	on twin pallet indexer

AUTOMATIC MULTI-SPINDLE SCREW MACHINES

- 2-Tornos 1-1/4 dia. CNC multi-spindle automatic screw machine with spindle-stopping in several spindle locations and C-axis for cross drilling and tapping. Other attachments permit straddle milling, thread milling, polygon shape generation, threading, tapping, thread rolling, screw slotting and back working.
- 2-Tornos 5/8" dia. multi-spindle automatic screw machine, with threading, tapping, thread rolling, screw slotting, back working attachments.

AUTOMATIC SINGLE-SPINDLE SCREW MACHINES

- 7-Brown & Sharpe 1-5/8 dia. Lipe automatic bar feeders

AUTOMATIC SWISS SCREW MACHINES

- 2-Tornos 1 "dia. 10 axis, live tooling, C-axis, Y-axis, full CNC 3 axis with pickoff spindle for simultaneous back working operations



CENTERLESS GRINDERS

- 1-Cincinnati 375-20 75 hp, automatic post process gaging & size compensation
- 1-Cincinnati 220-8 20 hp, automatic post process gaging & size compensation
- 1-Neippi 20 hp, 8" wide wheel Capability to .0002 and 8~ with 1.33 cpk Capacity to 3-1/2"

PRODUCTION ROBOTIC WELDERS

- 1-Panasonic GNG 6 axis robot, 5' dia. auto indexing table, pulse welding power source

AUTOMATIC TUBE CUTOFF LATHES

- 4-Brooks, Modern, diameter capacity to 6", Wall capacity to 3/8"

PRODUCTION DEBURRING MACHINES

- 1-Double end to 2-3/4" diameter, single end to 8" diameter
- 12-Vibratory bowls, belt sanders, automatic wire brush, abrasive blasting

PRESSES, RIVETERS, TUBE FORMING & SECOND OPERATION EQUIPMENT

- 18-Drilling, tapping, grinding, milling, broaching, honing, riveting, sawing

TOOL ROOM EQUIPMENT

Complete in-house capability to turn, mill, weld, drill, grind etc. all tooling for our production machines

INSPECTION EQUIPMENT

1-Brown & Sharpe 9128 Global Image Coordinate Measuring Machine (CMM) equipped with a SP600 Renishaw Scanning Probe; working capacity 01 X40.0 Y78.0 Z27.0 Inches. 4 optical comparators, DPD-3x data collectors, networked real time computer data collection and production monitoring system, computerized gage calibration, Trendsetter column gages, Sheffield gages, gage blocks, gage pins, mics to 8", calipers, air gages, dial bore gages, surface indicators, and many other miscellaneous pieces of inspection equipment

QUALITY CONTROL

ANSI/ISO/ASQ 9001-2008 Registered, Certificate Number 17252-QMS-2660. Ford's C=Zero sampling plan and the general requirements of MIL-Q-9858A, MIL-Q-21459B and MIL-I-45208A. Scope of Registration - Contract Precision Machining and Assembly. Since late in 1983, over 90% of the parts we've manufactured have been statistically process controlled. 1996 track record of zero PPM quality and delivery defects to 4 Fortune 1000 & other companies

JUST-IN-TIME DELIVERY

We are currently dependably delivering weekly over 300 different part numbers in quantities from 25 to 4000 of each part to 6 Fortune 1000 companies.