

Ingleside Machine Co., Inc.
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Farmington, NY 14425
(585) 924-3046 – Voice (585) 924-7904 – Fax

FACILITIES LISTING

QUALITY CONTROL

Brown & Sharpe Micro-Xcel Coordinate Measuring Machine
2002 Brown & Sharpe Gage 2000 CMM
Helmel Check-Master Coordinate Measuring Machine with Digital read-out
Helmel Check-Master Digital read-out with a 5' x 10' table with camera
Starrett Quadra Check HB400 Optical Comparator with Digital read-out
Starratt Rapid Check CMM with IBM OS2 Software
Surface Plates Certified to Grade A and Grade B, sizes ranging from 18 x 18" thru 36 x 60"
Starrett Gage Block Set Grade B Certified
Gage Pins + & - .0002 sets ranging from .011" to 1.000"
Mitutoyo 12" Height Master
Mitutoyo 18" Height Gage
Micrometers ranging from 1' to 12", Vernier Calipers to 40"
1" Master Digital Micrometer
Flange Micrometers, Thread Micrometers 1" & 2"
Dial Drop Gages and Indicators
Radius Gages
English and Metric Thread and Ring Gages, Pipe Thread Gages
Pocket Surf III Surface Finish Gage
V6 GAGEtrac for Windows Calibration Software All measuring and test equipment is calibrated and traceable to national standards
Quality Toolkit Software for recording internal and external rejects

MACHINING DEPARTMENT

(2) PFH 4800 Mazak Horizontals with 12 station Pallettech
(2) Haas TR160H-2 Trunnions
(1) Haas HRT 210 Indexer
(5) Haas Model V-4 Vertical Machining Centers w/ 15,000 RPM spindle
(1) Haas Model V-3 Vertical Machining Center
(5) Haas Model VF-4 Vertical Machining Centers
(1) Haas Model VF-4 Vertical Machining Center w/ Pallet changer
(1) Haas Model VF-5 Vertical Machining Center w/ Pallet changer
(2) Haas Model VF-4 SS High Speed Milling Centers
(2) Haas Model VF-2 Vertical Machining Centers
(1) Haas TM-1 Tool Room Mill
(1) Haas 5C 4 Axis Collet Closer
(2) Matsuura MC510-RA-1 Vertical Machining Centers w/ Pallet changer
(1) Matsuura MC-800 VG II Vertical Machining Center w/ 12,000 RPM spindle
(2) Mazak Model MT-V-10 Vertical Machining Centers
(4) Bridgeport Variable Speed Vertical Milling Machines w/ DRO
(1) End Mill Drill Grinder
Misc. Drill Presses
(2) Mazak Vertical Nexus 510C-II

TURNING DEPARTMENT

- (1) Nomura model NN-20YB – with turn, milling, drilling and sub spindle $\frac{3}{4}$ capacity, 10,000 RPM max, chip blaster-J4
 - Swiss, LNS hydrobar Express 220, Air Mister
- (3) Star Model RNC-16 CNC Automatic Lathes – Swiss Style w/ backwork Continuous Machine Accuracy to .0003", 5/8" Chuck Capacity (bar), 10,000 Spindle RPM max.
- (1) Star Model STM-32 CNC Automatic Lathe – Swiss Style, 1 $\frac{1}{4}$ " Bar Capacity, cross milling and drilling, full C-Axis.
- (1) Haas HL-4 CNC Lathe
- (1) Mazak Model 28N Universal Quick Turn CNC Turning Center, Continuous Machine Accuracy to .0004", 12" Chuck Capacity, 25" Swing, 2400 Spindle RPM, 3 $\frac{1}{2}$ " Bar Capacity.
- (1) Hardinge Conquest GT Super Precision Spindle Continuous Machine Accuracy to .0002", 5 Decimal Place Resolution, 6000 Spindle RPM Max, 1 $\frac{1}{4}$ " Bar Capacity, Crossdrilling, 1° Increments on C Axis.
- (1) Haas TL-15 CNC Subspindle Lathe w/ 8" & 5" chuck, 16 C Spindle Nose Full "C" Axis, Live Tooling (up to 3000 PSI High Pressure Coolant)
- (1) Haas Magazine Bar Loader "Servo Bar 300"
- (1) Hardinge Conquest T51 SP Big Bore, Cross Milling, Drilling & Tapping with full C Axis and 16C subspindle 2,5 bar capacity 26" swing
- (2) Hardinge Model DV-59 Second Operations Lathes
 - (1) Hardinge 59 Second Operation Lathe
 - (1) Hardinge Model HCT Chucker
- (1) Enco Model 111-3310 Toolroom Lathe
- (1) Sunnen Hone (SP)
- (3) FMB Mini Turbo 12' automatic bar loaders
 - (1) Pietro Cucchi 12' automatic bar loader
 - (1) LNS Quick Load Servo Auto Bar Loader
 - (1) Hardinge Harmatic-Value Series 27 Bar Feeder
- Misc. Grinders & Drill Presses
- (1) Haas TL-25 CNC with subspindle and live tooling, Auto bar loader, 3" thru spindle, 10" 3-jaw chuck, S-30 segmented collet system, Subspindle with 5" 3-jaw chuck and 5c spindle nose collet system

SHEET METAL FABRICATION DEPARTMENT

- (1) 3-D Mazak Space Gear Mark II, 2500 KW Laser 4' x 8'
- (1) 10' x $\frac{1}{4}$ " Niagara Hydraulic Shear
- (1) Diacro 24" Power Shear w/ Backgag
- (1) Amada Turret Press Vela II 30/50/50
- (1) Strippit Delta 1000 Turret Press w/auto index, Wilson Wheel Capability
- (1) Chicago Model 4L6 Press Brake
 - (1) 70 Ton Adira Model QHA-6325 CNC Press Brake w/3 Axis Hurco Back Gage
 - (1) 70 Ton Promecam Model RC-7525 Press Brake w/3 Axis Hurco Back Gage
 - (1) 100 Ton RG-100 Amada Press Brake with NC 9 –EX Backrail System
- (1) Niagara Model 1B-15-3-4 Press Brake
- (1) Dries & Krump Model 135 Press Brake
- (5) Pem Serters
 - (2) Haeger Pem Inserters
- (2) Strippit 18-30 Single Station Press
- (1) Ramco model 37T/75/w
- (1) Do-All Service Grinder 1394
- (1) Amada Fab 80 0 Pressbrake with NC-9
- (1) Timesaver 36" with water wash and Blow Dryer
- (1) Stroke Sander
- (1) Amada Notcher CSW-220
- (1) Niagara 3" Roller

WELDING DEPARTMENT

- (1) Cycle-Dyne Induction Welder
- (1) Peer Model AR-450 Spot Welder
- (2) Miller 250 Volt Tig Welder 250DX
- (2) Miller 24 Volt Wirefeeder XMT300 & 350
- (1) 150 KVA Taylor-Winfield DC Spotwelder with CNC Control
- (2) Linde Type VI 203A TIG
- (1) Miller Stickwelder Thunderbolt

CUT-OFF DEPARTMENT

- (1) Marathon Cold Cut-off Saw
- (1) Wells Model W-9 Horizontal Automatic Bandsaw
- (1) Sever-all 14" Model A1 Cut-off Saw
- (1) Stone M7.5 Abrasive Cut-off Saw
- (1) Bewo Cold Cut-off Saw
- (1) Powermatic Model 87 Vertical Bandsaw
- (1) Startrite Horizontal Bandsaw with 1 ½ inch blade
- (1) Do All Model C-1213 NC, 12" Jaw opening, auto nc saw

FINISHING DEPARTMENT

- (1) Complete Iridite System that meets Mil-C-5541E Requirements, 27 cu. ft. square tanks with reclaiming system.
- (1) 4 cu. Ft. Roto Tumbler
- (1) Powermatic Model 30 Belt & Disc Sander
- (1) Pneu-Blast Sandblast Cabinet 2' x 4' x 2'
- (1) Thompson 6" x 18" hydraulic Surface Grinder
- (1) Leach 6" x 12" Hand Feed Surface Grinder
- (1) Ramco Model 37T/75 w/Belt Finishing Machine

MISCELLANEOUS

- (1) Raymond Electric Walk Forklift Truck
- (1) Nuarc FT46UP Ultra Plus Flip Top Platemaker