

TURNING

- 2- Hardinge Conquest GT Super Precision Gang Tool CNC Lathes 1-1/16" max. bar capacity w/Hydromatic 12 ft. Bar Feed and Live Tooling.
- 2- Hardinge Conquest GT Super Precision Gang Tool CNC Lathes 1-1/16" max. bar capacity w/Hydromatic 12 ft. Bar Feed, Live Tooling and C-Axis Contouring.
- 5- Hardinge Conquest GT Super Precision Gang Tool CNC Lathes 1-5/8" max. bar capacity w/ Hydromatic 12 ft. Bar Feed and Live Tooling.
- 3- Hardinge Conquest GT Super Precision Gang Tool CNC Lathes 1-5/8" max. bar capacity w/ Hydromatic 12 ft. Bar Feed, Live Tooling and C-Axis Contouring.
- 1- Hardinge Conquest T42 3 Axis with C-Axis Contouring– 6 Live Tooling Stations and Center Support– 2" bar capacity w/ Hydromatic 12 ft. Bar Feed
- Tsugami SS32L CNC Precision Lathe- Simultaneous Machining, Live Tools, and C-axis Contouring of Main and Sub Spindle. 1.250" max. Bar Capacity.

ROBOTICS

- 13- Hardinge Conquest GT Super Precision Gang Tool CNC Lathes w/ Motoman Robotic Auto Loading Capability (4 Machines with C-Axis Contouring).

MILLING

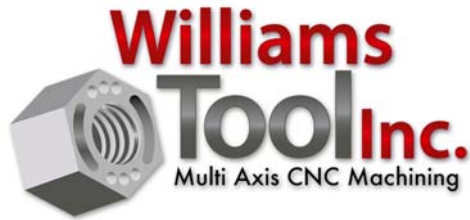
- Mazak Vertical Machining Center Nexus 410BKY– 16" X 30" Travel- 30 Tool Magazine- 12000 Max. RPM Spindle Speed– 25HP Spindle Motor- Kitagawa Rotary Table.
- Acer E-Mill 10" x 24" Travel– Acu-Rite Mill PWR Control– 4000 Max RPM Spindle
- 2-Model J Bridgeport Vertical Mill
- 2-Model J Bridgeport Vertical Mill with Digital Readout

EDM

- 2-Sodick K1CN Small Hole NCEDM Machine- Aircraft Wire Holes .015-.125"
- 1-Hansevet EDM Machine - Aircraft Wire Holes

GRINDING

- Cincinnati Centerless Grinder
- 2 — Browne & Sharpe 824 Micr-A-Size Surface Grinder– Microprocessor Controlled Grinding (8x24)
- Browne & Sharpe CNC Surface Grinder
- Coval Surface Grinder (6x18)
- Vertical Abrasive Surface Grinder (8x24)
- Elgin Universal I.D. and O.D. Grinder



SAWING

- 2 - DoAll 16" Contour Band Saw
- 1 - DoAll 12" Production Auto Feed Production Saw

DRILLING

- Jarvis Multi-Spindle Drill
- 2 - Gallmeyer & Livingston 6 Spindle Production Drills

TAPPING

- 2 - #10 Warner & Swasey Lead Screw Tapping Machines
- #11 Warner & Swasey Lead Screw Tapping Machine
- Jarvis Multi-Spindle Tapper

PUNCHING

- Federal 15 Ton Punch Press

INSPECTION

- 2 - Mitutoyo PH-A14 Comparators– QMDATA 200 Multi-Functional Digital Readouts– 20x & 50x Magnification– Surface Illumination– OPTOEYE-200 Edge Detecting Unit.
- 1 - OASIS- Optical Automatic Smart Inspection System
- 12 - Micronite Inspection Stations running Real-Time Process Control Software
- 3 - Nikon SMZ-1B 30x Microscopes with Surface Illuminators
- 3 - Bausch and Lomb 30x Stereo-zoom microscopes with Surface Illuminators
- Taylor-Hobson Surtronic 3 Profilometer
- Bendix Metrology Div. Profilometer
- Sheffield Air Gauging System
- Nikon Model 6-C Comparator 10x -100x Magnification
- Tri-Star Gage Tri-Roll Thread Gauging System

- Passivation per ASTM A967 Nitric 1-4
- Vacuum Heat Treating
- Micro Tig Welding

TURNKEY PROCESS

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