

TOOL AND ENGINEERING INC.

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SINCE 1974

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TOOLS

MOLDS

SPECIAL
MACHINERY

CUSTOM
MACHINING

PROTOTYPE
TOOLING

CAD - CAM SYSTEMS

- AutoCad 2023
- Autodesk Inventor
- Mechanical Desktop
- Solidwork 2022
- MasterCam (ver 2022)

GRINDERS

- (2) Boyer Schultz 6" x 12" Surface Grinder
- Ried 6" x 18" Surface Grinder
- Chevalier 12" x 24" Hydraulic Surface Grinder
- Blanchard No.18 36" Rotary Surface Grinder

CNC LATHES

- Milltronics ML18/60 19" Dia. x 63" travel (New 2019)
- Milltronics ML26/80 27" Dia x 84" travel 6" thru bore (New 2019)
- (1) Bridgeport/Romi 15" x 40" EZ-Path-II
- Haas ST30 21" x 26" max capacity
- Haas TL3B 30.00 Dia x 60 8" thru bore dual chuck

LATHES

- Harrison 13" x 40" Engine Lathe w/Taper Attachment

MILLING MACHINES

- (4) Ex-Cell-O Vertical Mills w/DRO
 - Travels X 26.5" - Y13.5" - Z6"
- Tree 2UVR Vertical Mills w/DRO
 - Travels X 33.5" - Y13.5" - Z6"

DRILL PRESSES

- Wilton 20" Drill Press
- Avery 24" #2 Box Column Tapping/Drill Press
- Caser 48" Radial Drill

INSPECTION

- Hexagon 7 Axis CMM with RS6 Laser Scanner (New 2021)
- 0" - 24" Micrometers
- 0" - 6" Dial Bore Gages
- 0" - 40" Digital Calipers
- Gage Pin Sets
- Kodak 14" Optical Comparator
- Micro - Flat 48" x 96" Granite Surface Plate
- Gage Blocks and Accessories

CNC EDMS

- Sodick AP500 4axis CNC wire EDM
 - Travel X 20" - Y 14" Max Pt Height 11"
 - Submerged Cutting, Autothreading
- CHMER 4axis CNC Wire EDM
 - Travel X 14" - Y 12" Max Pt Height 7.1"
 - Sodick K1C Small hole EDM w/DRO
 - Travels X 7.8" - Y 11.8" - Z 11.8"
 - Electrode Dia. 0.008" - .118" (.2mm - 3.0mm)

CNC MILLING MACHINES

- Haas VF6/50 VMC/30 ATC (New 2021)
 - 10,000 RPM Spindle
 - Travels X 64" - Y 32" - Z 30"
- (3) Haas VF-4SS VMC/25 ATC
 - 12,000 RPM Spindle
 - Travels X 50" - Y 20" - Z 25"
- (2) Hurco BMC 30HT/M
 - 8,000 RPM Spindle
 - Travels X 30" - Y 17" - Z 24"
- (2) Willis WM#VS
 - w/2 Axis CNC Control- Acu-Rite
 - Travels X 36" - Y 13" - Z 6"

CNC HORIZONTAL BORING MILL

- Kuraki KBT-11W-DX
 - Fanuc 15M - A Control
 - Spindle Speed 5 - 2,500 RPM
 - Table Size 55" x 63" w/Rotary, 14,300 Lb. Capacity
 - Travels X 78" - Y 59" - Z 57"
 - Spindle 4.33 Dia. 26" Travel

SPECIALTY EQUIPMENT

- Drill Master Gun Drilling attachments: for up to 48" Deep
- Sunnen High Speed Honing Machine w/.090 - 3" Mandrels
- Portable Paint System
- Laser Marking System (New 2019)

MISCELLANEOUS EQUIPMENT

- 10,000 Lb. Overhead Crane
- 6,000 Lb. Fork Truck
- 48" sheet metal box break
- 20" Powermatic Contour Band Saw
- 9" x 18" WF Well Twin Post cut off saw
- Scotchman Cold Saw
- Miller Syncrowave 250DX Tig Welder
- Miller Syncrowave 350LX Tig Welder
- 325 Amp Lincoln AC - DC Mig Welder
- Coleco Glass Bead Blast Cabinet
- Hydraulic Straightening Press
- Disc and Belt Sanders



MADE IN THE USA