

MARK PRECISION TOOL & ENG.

ESTABLISHED 1966



4360 HAGGERTY HWY
COMMERCE TWP, MI 48390
248-363-1567 fax: 248-363-7849
www.markprecisiontool.com

QUALITY SYSTEM
REGISTERED TO
ISO 9001:2015

FEDERAL CONTRACTOR
CAGE CODE 5RPN1

MILLING DEPARTMENT

- 1 CNC 2023 Mazak 3 Axis Vertical Machining Center V815/80E-32" x 30" x 80", Mazatrol Color Smooth Control, 35 H.P., 60 Position Cat 50 Tool Magazine and Renishaw Touch Probe
- 1 CNC 2020 Mazak 3 Axis Vertical Machining Center, VCN-570C-22" x 21" x 41", Mazatrol Color Smooth Control, 30 Position Cat 40 Tool Magazine and Optical Part & Tooling Probes
- 1 CNC 2018 Mazak 5 Axis Machining Center, VC-500A/5X-20" x 20" x 20", Mazatrol Color Smooth Control, 48 Position Cat 40 Tool Magazine and Optical Part & Tooling Probes
- 2 CNC 2017 Trak 3 Axis Vertical Mill, SMX with SX3P Spindle, 24" x 16" x 32", R8 Power Draw Bar and Glass Scales
- 1 CNC 2016 Mazak 3 Axis Vertical Machining Center, VCN-530C-21" x 21" x 41", Mazatrol Color Matrix Control, 30 Position Cat 40 Tool Magazine and Optical Part & Tooling Probes
- 1 CNC 2016 Mazak 3 Axis Vertical Machining Center, VCN-430B-II-17" x 20" x 30", Mazatrol Color Matrix Control, 30 Position Cat 40 Tool Magazine and Optical Part & Tooling Probes
- 1 CNC 2014 Trak 3 Axis Vertical Mill, DPM with SX3P Spindle, 24" x 17" x 31", Cat 40 Power Draw Bar and Glass Scales
- 1 CNC 2007 Mazak 3 Axis Vertical Machining Center, VCN-510C50-21" x 23" x 41", Mazatrol Color Matrix Control, 30 H.P., 24 Position Cat 50 Tool Magazine and Optical Part Probe
- 1 CNC 2006 Mazak 4 Axis Vertical Machining Center, VCN-410A-22" x 16" x 20", Mazatrol Color Fusion Control, 30 Position Cat 40 Tool Magazine and Optical Part & Tooling Probes
- 1 CNC 2005 Mazak 4 Axis Horizontal Machining Center HCN-5000-29"x 29"x 29", Mazatrol Color Fusion Control, 40 H.P., 80 position Cat 40 Tool Magazine, 18,000 R.P.M. High Torque Spindle, Full NC Positioning Table, 2 Pallet Changer, Quick Change Part Mounting Plate System, Renishaw Optical Part Probe and Superflow 1,000 P.S.I. Thru Spindle Coolant System
- 1 CNC 1999 Mazak 4 Axis Vertical Machining Center VTC-20C-21" x 20" x 66", Mazatrol Color Fusion Control, Renishaw Touch Probe, Twin 24 Tool Magazines and Split Table Palletizing
- 1 CNC 2001 Trak 2 Axis K-3 Vertical Mill 16" x 16" x 42" with 2017 Upgrade to KMX Control

TURNING DEPARTMENT

- 1 CNC 2023 Mazak 5 Axis Integrex I-350HN Multitasking Turning & Milling Center 19" x 48" Mazatrol SmoothAI Control, 3.5" Dia. Thru Bore, Programmable Tailstock, 38 Tool Carousel, 40 H.P. B-Axis Live Tooling, Coolant Thru Milling Spindle, Automatic Tool Eye & Parts Catcher
- 1 CNC 2019 Mazak 4 Axis QT250MY Multitasking Turning & Milling Center 16" x 20" with Mazatrol Smooth-G Control, 3" Dia. thru Bore, Multiple Bar Loader & Feeder, Automatic Tool Eye, Parts Catcher and Parts Exit Conveyor

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- 1 CNC 2016 Mazak 5 Axis Integrex J-400 Multitasking Turning & Milling Center 19" x 48" Mazatrol Matrix Nexus 2 Color Control, 4" Dia. Thru Bore, Programmable Tailstock, 36 Tool Carousel, 30 H.P. B-Axis Live Tooling, Automatic Tool Eye & Coolant Thru Milling Spindle
- 1 CNC 2011 Mazak 5 Axis Integrex J-300 Multitasking Turning & Milling Center 19" x 25" Mazatrol Matrix Color Control, 3" Dia. Thru Bore, 3" Dia. Multiple Bar Loader, Programmable Tailstock, 72 Tool Carousel, 30 H.P. B-Axis Live Tooling, Automatic Tool Eye & Parts Catcher
- 1 CNC 1997 Mazak QT20 HP Slant Bed Turning Center 12" x 18" with Mazatrol T-Plus Color Control, 2 3/4" Dia. Thru Bore, Automatic Tool Eye, Parts Catcher and Programmable Tailstock
- 2 CNC 1996 Mazak QT28N Slant Bed Turning Center 14" x 40" with Mazatrol T-Plus Color Control, 2 3/4" Diameter Thru Bore, Automatic Tool Eye, Bar Puller and Programmable Tailstock
- 1 Chori KL-450 Tracer Lathe 16" x 54" with 20" Gap Bed
- 1 Hendey Heavy Duty Engine Lathe 16" x 54" with Trav-A-Dial and Taper Attachment
- 1 Clausing Series 5900 Variable Speed Lathe 10" x 36" with Trav-A-Dial and 5C Collets

SURFACE GRINDING DEPARTMENT

- 1 1997 DCM 27" Diameter x 8" Precision Rotary Surface Grinder with Automatic Feed, .0001 Digital Readout and Ceramic Abrasive & Diamond Segmented Grinding Wheels
- 3 Parker-Majestic 6" x 18" Surface Grinders with Power Head Elevation, Spray Coolant Mist System and Newell 2 Axis .0001 Digital Readouts

O.D. GRINDING DEPARTMENT

- 1 Brown & Sharpe #13 Universal 8" x 24" O.D. Grinder
- 1 Brown & Sharpe #10 Hydraulic 6" x 18" O.D. Grinder
- 1 Darex E-90 Precision Endmill Grinder

I.D. GRINDING DEPARTMENT

- 1 Heald #70 16" x 20" with Power Feed, Buck Chuck and .0001 Digital Readout
- 1 Parker-Majestic 10" x 14" with 8" Magnetic Chuck and .0001 Digital Readout

HONING DEPARTMENT

- 1 Sunnen MBB-1290D 1/8"-3" Diameter Capacity
- 1 Superior MD-1 Hone 1/8"-1" Diameter Capacity

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FABRICATING DEPARTMENT

- 1 2023 Trotec 50 Watt Laser Marking Machine 44" x 25", Speedmark Vision Camera and Rotary Scroll Chuck
- 1 2017 Miller Dynasty 800 Tig Welder Complete with Auto Line 208-575V 50/60HZ CSA with Wireless Remote Foot Control
- 1 2024 Elji 40 HP Rotary Screw – Air Compressor
- 1 2024 Elji 200 CF Refrigerated Air Dryer
- 2 2001 Speedaire 20 H.P. 200 Gallon Back-Up Air Compressors
- 1 2008 Miller Syncrowave 250 Amp DX Tig Welder
- 1 2001 Miller 250 Amp CV-DC Portable Wire Feed Welder
- 1 2011 Davis Propane Weld & Brazing Unit
- 1 Smith Acetylene Weld & Brazing Unit
- 1 Tennsmith Sheet Metal Break Press 16 ga. x 48"
- 1 Tennsmith Sheet Metal Shear 16 ga. x 48"
- 1 1998 Burr-Beaver Bevel Cutting Machine
- 1 Carolina 25 Ton Hydraulic H Frame Press
- 1 360 Degree Rotating Welding Table
- 1 Drake 3 Ton Arbor Press
- 1 Powermatic 1½ H.P. 24" x 24" Drill Press
- 1 Delta 1 H.P. 12" x 18" Drill Press
- 2 Duracraft ½ H.P. 12" x 18" Drill Press
- 1 Trinco Model 36 Sand Blasting Unit
- 1 Trinco Model 20/CDP Bead Blasting Unit
- 1 Deburr 6.5 Cubic Foot Vibratory Deburring Machine
- 1 Deburr 3 Cubic Foot Vibratory Deburring Machine
- 1 Adjusta-Vibe 1 Cubic Foot Vibratory Deburring Machine
- 3 Gray-Mills Power Parts Washers

SAW DEPARTMENT

- 1 2013 Amada HA-250W 11"x 10" Automatic Band Saw with Variable Pressure Vise System, Fully Automatic Bar Feed System and Continuous Chip Auger
- 1 Powermatic #87 Vertical Band Saw 12" x 18"
- 1 Rockwell Vertical Band Saw 8" x 12"
- 1 Hyd-Mech 10" Diameter Cold Saw

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MATERIAL DEPARTMENT

- **90,000 LBS** INVENTORY OF PROPERLY IDENTIFIED GRADES OF VARIOUS STAINLESS STEELS, TOOL STEELS, ALUMINUM BILLET, STEEL ALLOYS, HIGH SPEED STEELS, EXOTIC METALS, MACHINE STEELS, NON-FERROUS METALS, CARBIDES, AND ENGINEERED PLASTICS.
- **120'** Overhead Craneways
- **1** 2012 TCM 5,000 lb LP Fork Lift Truck
- **2** Little Joe 1,000 lb Lift Trucks
- **1** American 5,000 lb Hydraulic Pallet Truck
- **1** Gorbelt 1,000 lb. 10' Rotating Boom Lift
- **1** Powerlift 700 lb Rare Earth Magnetic Lift
- **1** Carolina 1,000 lb Portable Hydraulic Boom
- **4** Dayton 2,000 lb Electric Hoist
- **3** Dayton 1,000 lb Electric Hoists
- **2** Detroit 3,000 lb Electric Hoists
- **1** Yale 4,000 lb Chain Hoist
- **3** Yale 2,000 lb Chain Hoists

QUALITY CONTROL DEPARTMENT

900 SQUARE FOOT CLIMATE CONTROLLED QUALITY LABORATORY

- **1** 2011 Coord 3 DCC CMM 48" x 36" x 28" Renishaw VCC2/SPA2 Controller with Scanning capability, Renishaw PH20 Articulating Probe System, 6 Position CNC Probe Change Rack, CAPPS-DMIS 6.7 Advanced Software and R&R Modular Part Fixturing & Clamping System
- **2** 2011 Fowler 24" Trimos V-Series Electronic Digital Height Gage with .00005 Digital Display, RS232 Output for SPC, Air Cushion, Master Setting Gage and Documentation Printer
- **1** J&L 30" Optical Comparator with Heidenhein .00005 Digital Decimal/Metric Readout with Edge Detection, Power Elevation Table, Full Reflection Feature and 6 Lens Carousel consisting of 10X, 20X, 31X, 50X, 62X and 100X Power Magnification
- **1** J&L 14" Optical Comparator with Power Elevation to 62.5X Power Magnification
- **1** 2010 Mitutoyo Surftest SJ-301 Electronic Profilometer with Printout
- **1** Mastercam Complete Cad Cam Software System
- **1** Mitutoyo 13" Heightmaster Height Gage
- **3** Master Set 81 piece Weber Grade O Gage Blocks
- **6** Sets Jansson 81 piece Gage Blocks
- **1** Rockford RC Hardness Tester

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- 1 Shore Durometer Hardness Tester
- 10 SPI 3 Point I.D. Micrometers .8000 to 4.0000 inches
- 4 Starret Bore Gages 1.5000 to 8.000 inches
- 10 Sunnen Dial Bore Gage Sets .0980 to 16.0000 inches
- 1 Sunnen Bore Gage Setting Fixture .0900 to 2.0000 inches
- 1 Sunnen Bore Gage Setting Fixture 2.0000 to 8.0000 inches
- 1 Mitutoyo 10" Dial Height Gage
- 4 Federal 4" x 6" x 8" Indicator Height Gages
- 3 Procheck 6"x 6"x 8" Indicator Height Gages
- 1 Federal Thread Pitch Checking Gage
- 1 Brown & Sharpe 16" x 24" Bench Centers
- 1 Brown & Sharpe 12" x 18" Bench Centers
- 1 Master Cylinder Square
- 1 Ohaus 2610 Dial 0 Gram Beam Scale
- 3 Brown & Sharpe Dial Indicators to .00005
- 9 Interapid Dial Indicators to .0001
- 1 Set Etalon Micrometers to 6"
- 1 0-1" Fowler Indicator Micrometers
- 1 1-2" Fowler Indicator Micrometers
- 2 Sets of Brown & Sharpe Micrometers to 16"
- 2 0-6" Starrett Depth Micrometer Sets
- 9 Assorted Blade, Disc, Thread and Anvil Micrometers
- 1 Set Class ZZ Pro Check Minus Certified Gage Pin Set .011 to 1.000 dia.
- 1 Set Class ZZ Pro Check Plus Certified Gage Pin Set .011 to 1.000 dia.
- 1 Set Precision Meyer .0002 Minus Pin Gages .011 to .750 dia.
- 1 Set Precision Meyer .0002 Minus Pin Gages .061 to 1.000 dia.
- 1 Set Precision Meyer .0002 Plus Pin Gages .061 to 1.000 dia.
- 1 Set Precision Ball Gages to 3.000 Diameter
- 250 Assorted Plug Gages to 4.000 Diameter
- 200 Assorted Thread Gages to 4.000 Diameter
- 2 Ultra 24" Height Gages
- 1 Starrett 18" Height Gage
- 1 Fowler 12" Height Gage
- 1 50" Enco Dial Caliper
- 2 24" Brown & Sharpe Vernier Calipers
- 1 18" Mitutoyo Vernier Caliper

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- 3 Brown & Sharpe 6" Dial Calipers
- 4 Linear Dial Internal Groove Calipers
- 1 Starrett Precision Machine Level
- 1 Starrett Pink Granite Surface Plate 48" x 72"
- 1 Precision Co. Black Granite Surface Plate 48" x 72"
- 1 Accu-Rite Granite Surface Plate 24" x 36"
- 5 Accu-Rite Granite Surface Plates 18" x 24"
- 1 Herman Granite Surface Plate 18" x 18"
- 6 Cast-Iron Surface Plates to 30"x 48"
- 1 Lapping Plate 12" x 18"

MISCELLANEOUS EQUIPMENT

- 4 1999 Air Quality Engineering 6000 CFM Electronic Air Cleaners
- 1 1998 Dustex 10 Station Pulsating Dust Collector
- 3 1998 Airflow Vertical Coolant Mist Collectors
- 1 2015 C.G. Diamond Double Face Grinder
- 1 Mohawk 10" Double End Pedestal Grinder
- 4 Rockwell 8" Double End Pedestal Grinders
- 1 Darex V-390 Precision Drill Sharpener
- 2 S.R.D. Cone Drill Grinders
- 2 Chalmers & Delta 20" & 12" Disc Sanders
- 1 2015 PRM 6" Belt/9" Disc Sander
- 1 Delta SA446 shop Master 4" Belt / 6" Disc Sanders
- 1 Mead 1' x 40" Belt Sander
- 2 Lamar 4" x 8" Demagnetizers
- 1 Producto Tapping Machine
- 1 Ritehete Alloy Ingot Molding Unit
- 1 Evans Parts Plastic Coating Unit
- 1 First Weigh Electronic Counting Scale
- 1 CNC Pro Pen P3000 High Performance Engraver
- 1 Monode Electroetch Marking Machine
- 1 Martin Marking Stamp Press
- 2 Dremel Model 290 Engravers
- 1 American Banding Machine

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SUPPORT TOOLING AND ACCESSORIES

- 1 2020 Koma Cat 40 Right Angle Live Head
- 1 Roto-Grind 10" Dia. Motorized Magnetic Rotary Grinding Table with Sine Plate
- 1 2015 Sine-Mate 6" X 18" Vacuum Chuck with Pump & Gage
- 1 2015 Sine-Mate 6" Diameter Motorized, Indexable Whirlygig With Center
- 2 Last Word 8" Whirlygigs
- 1 TRW 10" Motorized Whirlygig
- 2 Last Word 8" Whirlygigs
- 1 Dynamic 7" Motorized Whirlygig
- 3 5C Collet Spin Jigs
- 2 Last Word Radius Dressers
- 1 5" x 10" Robins Magnasine
- 2 4" x 6" Robins Magnasine
- 4 5" Sine Plates
- 1 High Speed Grinding Attachment
- 2 Motorized Grinding Centers 9" x 12"
- 2 12" x 12" Grinding Centers
- 5 6" Grinding Vises
- 6 Horizontal Mill Tombstones
- 3 Rotary Tables to 18" Diameter
- 3 Hartford Super Spacers with Tailstock
- 1 Republic 8" Dividing Head with Tailstock
- 1 Brown & Sharpe 8" Dividing Head
- 1 Bridgeport Right Angle Attachment
- 1 Bridgeport Jig Grinding Attachment
- 2 Autel 0 to 5/8" Machine Tapping Heads
- 1 Threadwell Keyway Broach Set
- 42 Assorted Straight, Swivel, and Angle Mill Vises
- 21 Assorted Hardened & Ground Angle Plates
- 24 Assorted Hardened & Ground V-Blocks
- 220 Assorted Hardened & Ground Parallels
- 170 Assorted Diamond Grinding Wheels
- 500 Assorted Abrasive Grinding Wheels
- 8,000 Assorted Perishable Carbide & H.S.S. Tools