



Precision Machining

Delivering some of the industry's highest standards of precision grinding, machining, and finishing of close tolerance tooling.

202 South Street • PO Box 278
Arcadia, Ohio 44804-0278
RPMprecision.com
O 419-894-6426
F 419-894-6920

EQUIPMENT LIST

Metal Working Equipment

Turn/Mill Machines

- (1) Mazak Integrex i300 CNC Turning & Milling Center (13" x 40" x 26")
- (1) Mazak Integrex i300 CNC Turning & Milling Center (13" x 60" x 26" swing)
- (1) Mazak Integrex 200-4ST CNC Turning and Milling Center (10" x 40" x 26" swing)
- (1) Mazak Integrex 30 CNC Turning & Milling Center (18" x 42" x 20" swing)
- (1) Mazak QTS-250 Turning & Milling Center (8" x 22" x 26" swing)

Lathes

- (1) Mazak Nexus 300 2-Axis CNC Turning Center (16.5" x 48" x 26" max swing)
- (1) Mazak Nexus 250 2-Axis CNC Turning Center (10.5" x 20" x 24" max swing)
- (1) Mazak Nexus 200 2-Axis CNC Turning Center (10.5" x 20" x 24" max swing)
- (1) Mazak Quick Turn 250 2-Axis CNC Turning Center (10.5" x 20" x 24" max swing)
- (1) Mazak QT-10 2-Axis CNC Turning Center (6.3" x 11" x 12" max swing)
- (1) Haas TL-1 CNC Turning Center (8" x 30" x 16" swing)
- (1) Willis Microcut 1550 Geared Head Engine Lathe
- (1) Clausing Colchester 15" Engine Lathe

Mills

- (1) Mazak Nexus 570C Vertical CNC Machining Center (22" x 41" x 20")
- (1) Mazak Nexus 400AR Vertical CNC Machining Center (16" x 20" x 20")
- (1) Mazak Nexus 510C-II Vertical CNC Machining Center (20" x 40" x 20")
- (1) Roku-Roku GR658 CNC High Speed Machining Center (20" x 24")
- (1) Fadal 4-Axis CNC Vertical Machining Center (20" x 40")
- (1) Haas Mini Mill 3-Axis CNC (16" x 12" x 10")
- (1) Bridgeport EZ-Trak DX 2-Axis CNC Vertical Mill Series (12" x 30")
- (1) Willis 1050II Vertical Milling Machine (10" x 50")

Saws

- (1) DoAll Metal Band Saw
- (1) 10" Roll-in Saw



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Grinding Equipment

Pinch/ Peel Grinders

- (1) Rollomatic Smart Shape NP30 CNC 4-Axis
- (1) Rollomatic Smart Shape NP50 CNC 5-Axis

Centerless Grinders

- (1) Unison Model 2100C 3-Axis CNC Flexible Grinding System
- (2) Bridgeport Surface Grinder with Centerless Attachment

OD/ID Grinders

- (1) Studer S41 CNC Grinding Machine with (4) Spindle Turret
- (2) Studer S145 CNC Grinding Machine With (4) Spindle Turret.
- (4) Studer S33 CNC Grinding Machine with (2) Spindle Turret
- (1) Studer S20 CNC Grinding Machine with (2) Spindles
- (3) Parker Majestic Liberty CNC Grinding Machine (14" x 10")
- (1) Parker Majestic 12" x 10" CNC OD – ID Grinder
- (3) Parker Majestic 12" x 16" Power Feed OD - ID Grinder

ID Grinders

- (2) Parker Majestic 12" x 10" CNC Internal Grinder
- (4) Parker Majestic 10" x 12" Universal ID Grinder
- (1) Bryant 23" x 16" Universal ID Grinder

OD Grinders

- (4) Parker Majestic 10" x 12" Universal OD Grinder
- (1) Parker Majestic OD Cut off

Surface Grinders

- (1) Chevalier Smart B818 III CNC Surface Grinder 8" x 18"
- (2) Parker Majestic Z Model Surface Grinder 6" x 18"
- (2) Parker Majestic Surface Grinder 6" x 18"
- (2) Chevalier Surface Grinder 6" x 18"
- (1) Willis Automatic Surface Grinder 10" x 20"
- (1) Okamoto Automatic Surface Grinder 12" x 24"

Rotary Surface Grinders

- (1) Okamoto PRG-8DXNC CNC Rotary Surface Grinder 37" x 12"
- (1) DCM IG 180 SD Rotary Surface Grinder 24" x 7"
- (1) Arter Rotary Surface Grinder 24" x 7"
- (1) Blanchard Rotary Surface Grinder 36" x 18"

Hone Machines

- (1) Sunnen SH-2000 Power Stroked Honing Machine .060-4.000 Diameter



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EDM Equipment

Wire Cut

- (2) MV2400 Mitsubishi CNC Wire Cut EDM 5-Axis Fully Programmable
3300 lbs. max work piece weight (23.6" x 15.7" x 12.2")
- (1) FA20 Mitsubishi Wire Cut EDM 5-axis Fully programmable 1764 lbs. Max. work piece weight (19.6" x 13.7" x 11.8")
- (1) FX20K Mitsubishi Wire Cut EDM 5-Axis fully programmable with extended U-V axis travel (19.69 x 13.77 x 11.81") Max workpiece weight 1,764 lbs
- (1) FX10 Mitsubishi Wire Cut EDM 5-Axis Fully Programmable 13.8" x 9.8" x 8.6"

Plunge EDM

- (1) Mitsubishi EA8S Std. Work Tank Dimension 31.5" x 20.5" x 11.8"
- (1) Mitsubishi EA12PS CNC RAM EDM – Std. Work Tank Dimension
37.4" x 27.5" x 17.7"
- (1) Mitsubishi VX10 CNC Ram EDM – Std. Work Tank Dimension
30.31" x 24.01" x 12.2"
- (2) Mitsubishi EX-22 CNC RAM EDM - Standard Work Tank Dimensions:
37.40 x 25.59 x 15.74"
- (1) Excello Plunge Type EDM 10-1 with Digital Readout

Small Hole EDM

- (1) CDH-2A Astec High Speed EDM Drill (.008- .118" Diameter)
- (1) EPA Prospark – X33 High Speed EDM Drill (.008 -.236 Diameter)

Finishing Equipment

- (1) Extrude Hone Vector 200 (8" Dia. Cylinder)
- (1) Lapmaster Model 24 Precision Diamond Processing Machine
- (3) Hardinge 2nd Operation Lathes
- (1) San Yuen Engine Lathe
- (1) Goodway Engine Lathe
- (7) Dumore Hand Grinders
- (3) Dremel Hand Grinders
- (2) Air Hand Grinders
- (1) Foredom Flexible Grinder with Foot Pedal
- (2) Argofile- Profiler and Finishing System



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Metrology Equipment

- (1) Zeiss Micura CMM (X 20" Y 28" Z 20")
- (1) Zeiss Accura II CMM (X 35" Y 47" Z 31")
- (1) Brown & Sharpe DCC Gage 454 CMM (18" x 20" x 16") with PC-DMIS CAD Software
- (1) MicroVu QUBIX Ultra Precision Video Measuring System (6" x 8" x 8" Table)
- (1) Mahr XCR20 Contour & Roughness Measuring Machine
- (1) PMC Industries 4" Computerized Contour Reader
- (1) Federal Formscan Model 6100 Circular Geometry Gage
- (1) 30" Jones & Lamson Optical Comparator with Digital Readout
- (1) 20" Jones & Lamson Optical Comparator with Digital Readout
- (3) 14" Optical Comparators - Will Check Profile and Surface Illumination
- (2) 10" Optical Comparators - To Check Profile and Surface Illumination
- (1) Service Physical Diamond Hardness Tester
- (1) Brown & Sharp Digital Height Gage 24"
- (3) Fowler / Sylvac Digital Height Gage 12"
- (1) Fowler/Bowers Super Bore Gage with Sylvac D80 Digital Display
- (3) Fowler/Bowers Electronic Hole Micrometers
- (2) Sunnen PG-800 Bore Gages - Ranging .495" - 2.00" Diameter
- (12) Sets Gage Blocks
Various Dial Bore Gages to Check Diameters .280" - 6.00" Diameter
Micrometers to Check To 20.00"

Miscellaneous Equipment

- (5) Air Compressors
- (1) Last Word Radius Dresser
- (1) Vinco Radius Dresser
- (1) Index-Dine Whirly Jig
- (1) 10" Sine Bar
- (2) Motorized Bench Center
- (2) 5" Sine Plate
- (1) 10" Sine Plate
- (1) 400 Ton Louis Small Press
- (1) 250 Ton Louis Small Hydraulic
- (1) Arc Welder
- (1) Brazing Torch for Silver Soldering
- (1) Pak Master 100 XL Plus Plasma Cutter
- (1) Miller Mig Welder
- (1) Miller Syncrowave 250 Tig Welder



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Shipping Equipment

- (1) Tykma Zetalase SE20 Laser Marking System
- (1) Monode Etching System
- (1) Seal Peel Pot
- (1) Eclipse Demagnetizer

Heat Treat Equipment

- (1) Model 8012-C Lucifer Heat Treat Furnace
- (1) Model HL7-P24 Lucifer Heat Treat Furnace
- (1) Model HS84-K24 Lucifer Heat Treat Furnace