



November 2020  
**EQUIPMENT LIST**  
ISO 9001 CERTIFICATION

**TURNING**

**ENGINE LATHES**

- 1 - Logan 12" x 36" Conventional
- 1 - Clausing 13" x 48" Conventional Lathe
- 1 - H. E. S. 16" x 64" Conventional Lathe
- 1 - H. E. S. 20" x 64" Tracer Controlled Lathe

**TURRET LATHES**

- 1 - #3 Warner & Swasey Lathe

**CNC LATHES**

- 1- Ikega Genesis 1812 17" x 19"
- 1- Supermax TC26L 17" x 48"
- 1- Haas 30 20" x 24"
- 1- Haas SL 40 24" x 40"

**MILLING**

**MILLS**

- 4 - Bridgeport Vertical Mills
- 2 - #2 K & T Milwaukee Horizontal Mills

**CNC VERTICAL MILLS**

- 1- Haas VF3 VT with 5 axis trunnion
- 1- Haas VF6 with 5 axis trunnion
- 1- Haas VF-5 Machining Center 23" x 52"
- 1- Haas VF-4 Machining Center 50" x 20" x 25"
- 1- Track 2 DPM 3 24" x 36" table
- 2- Track K3 12" x 24" table
- 2 - Bridgeport Vertical Mills with CNC
- 2 - RB-1 Variable Speed CNC Mill with/Prototrak
- 1 - Mori Seiki CNC Machining Center MV-50, 22"x55" Table
- 1 - Mori Seiki CNC Machining Center MV-80, 32"x75" Table
- 1 - Miyano CNC Machining Center 16" x 26" Table
- 1 - Mazak CNC Machining Center, 30" x 69" Table

**CNC HORIZONTAL BORING MILLS**

- 1- Shibaura 4" Bar CNC Horizontal Boring & Milling, 55"x63" Table
- 1 - DeVlieg 4K-72 CNC Jig Mill, 72" x 40" Table
- 1 - DeVlieg 4R80 CNC Jig Mill, 78" x 60" Capacity
- 1 - Wotan B130 CNC Horizontal Boring & Milling, 60" x 67" Table

**ELECTRICAL DISCHARGE MACHINING (EDM)**

- 1 - LeBlond/Makino EE6 Wire type E.D.M. 24.4 x 15.6 x 12.6
- 1 - Makino U32 Submersible WIRE type E.D.M. 20.5 x 14.5 x 12.6

**DRILLING**

- 1 - Anjo Heavy Duty Drilling and Tapping Machine
- 1 - Arboga Drill Press
- 2 - Calausing Drill Presses
- 1 - Porto Mag Drill Press
- 1 - Radial Drill, 4' 2" Capacity
- 1 - Solberga Drill Press, 5" Capacity

**SAWING**

- 1 - DoAll 16" Band Saw
- 1 - DoAll 20" Contour-matic Hydraulic Band Saw
- 1 - HEM Horizontal Hack Saw with Automatic Feed
- 1 - Kalamazoo Cut-Off Saw
- 1 - Stone Cut-Off Saw
- 1 - Wilton Horizontal Saw with Automatic Fed

**BLANCHARD GRINDING**

- 1 - Blanchard Grinder
- 1 - Mattison Grinder

**SURFACE GRINDERS**

- 1 - Boyer Schultz Surface Grinder, 6" x 18"
- 1 - Okamoto 16" x 32" Hydraulic Wet Grinder
- 1 - Jones & Shipman Surface Grinder, 6" x 18" Hydraulic
- 1 - Mitsui Surface Grinder, 8" x 18"
- 5 - Parker Majestic Surface Grinders, 6" x 18"

**CENTERLESS GRINDERS**

- 2 - Harig Surface Grinders with Dedtru Centerless Attachments
- 1 - Cinco - 15 Centerless Grinder, 6" Capacity

**JIG GRINDERS**

- 1 - Moore/Fosdick Jig Grinder, 29" x 56" Capacity
- 2 - Moore #3 Jig Grinders

**VERTICAL SPINDLE GRINDERS**

- 1 - Mattison Rotary Surface Grinder, 24" high x 48"
- 1 - Blanchard 36" Rotary Surface Grinder

**CYLINDRICAL GRINDERS**

- 1 - Springfield Vertical Universal Grinder, 24" O.D. max.
- 1 - Heald # 75A Internal Grinder
- 2 - Parker Majestic I.D. Grinders
- 1 - Parker Majestic Combination O.D./I.D. Grinder. 12" x 30"
- 1 - Brown & Sharpe #13 O.D. Grinder, 8" x 24"
- 1 - Brown & Sharpe #814H Universal O.D. Grinder, 8" x 24"
- 1 - Cincinnati Universal O.D. Grinder, 14" x 36"
- 1 - Kellenberger O.D. & I.D. Grinder, 20" x 48"
- 2 - K.O. Lee Cutter Grinders

**INSPECTION**

- 3 - Coordinate Measuring Machines, to 28" x 60" x 24"
- 30 - Sets of Gage Blocks, Through Plant
- 33 - Surface Plates, up to 48" x 120"
- 1 - OGP 30" Optical Comparator, w/electronic edge finder
- 3 - Brown & Sharpe Micro-Hite Electronic Height Gages to 36"
- 10 - Bore Gages - .280 dia. to 15.00 dia. Capacity
- 1 - Jones & Lamson 15" Optical Comparator
- 1 - Gage Master 12" Portable Optical Comparator

**WELDING & FABRICATING**

- 1 - Miller MIG 650 amp. Welder
- 1 - Miller Heli-Arc 300 amp. Welder
- 1 - Hobart 300 amp. Arc Welder
- 2 - Acetylene with Cutting Torch
- 1 - Hoskins Electric Furnace
- 1 - Wysong Foot Shear
- 1 - Di-Arco Shear
- 1 - Benmore Bender
- 1 - Di-Arco #2 Punch & Shear
- 1 - Di-Arco Precision Brake
- 1 - Sabra - Arc Plasma Cutting System

**PRESSES**

- 1 - Di-Arco Precision Hand Press
- 2 - Arbor Presses
- 1 - Dake 150 ton Hydraulic Press

**MISCELLANEOUS**

- 2 - Wilson /Rockwell Hardness Tester
- 1 - SMW Set-up Switcher 250T Pallet Changer
- 1 - I.P.E. Chamfer Cutting Machine
- 5 - DeVlieg Air Tables, 26 x 26" through 48" x 48"
- 1 - Sunnen Hone with Power Stroking
- 1 - Excello Center Lap
- 1 - Trinco Dry Blasting Machine, 2-man/48" capacity
- 1 - Roto-Finish Vibratory Finishing Machine, 10cu.ft. capacity
- 1 - Squaretap Tapping Machine
- 8 - Pedestal Tool Grinders
- 1 - Oliver Automatic Drill Grinder
- 2 - Air Compressors, 50 H.P.
- 2 - Pedestal Polishers and D-M-E Finishing System
- 1 - Rocklinizer, model 600 Surfalloy Machine
- 1 - New Hermes Vanguard 3400 Orbiter Engraving System
- 1 - Uni-Tek Tap Burner
- 3 - Overhead Cranes: 3 ton, 5 ton & 6 ton
- 3 - Lift Trucks. up to 8,000 lbs.
- 3 - Trucks up to 24,000 lb. G.V.W.