

**Exceptional Tool, Die and Pattern Shop Including CNC Machining Centers By Makino, Haas, Okuma and Others, Toolroom Machinery, Tooling, Woodworking, Lift Trucks, Inspection and Support Equipment – Over 1,000 Lots**

Plant Closed

**CENTRAL PATTERN**

**8830 Pershall Road**

**Hazelwood, MO 63042**

*Near the St. Louis International Airport*

**SALE DATE: Wednesday, September 20<sup>th</sup> STARTING AT 9:00 AM**

**Inspection: Tuesday, September 19th from 10:00 AM to 4:00 PM**

**CNC Horizontal Machining Centers**

- Makino A71 Two-Pallet HMC w/ Full 4<sup>th</sup> **(2010)**
- Okuma MA-60HB Two-Pallet HMC **(2003)**
- (7) Cincinnati Milacron Large Capacity CNC HMC's w/ Retrofitted Controls

**CNC Vertical Machining Centers**

- (3) Haas VMC's VF8/50, VF6/50 and VF6/40 **(to 2009)**
- (2) Okuma MC-60VAE CNC VMC's **(to 1997)**
- (5) Fadal VMC-6030HT CNC VMC's **(to 2005)**
- Fadal VMC-15 CNC VMC
- (2) Cincinnati Sabre 1250 & Arrow 500 CNC VMC's
- (2) Cincinnati 10V-1250 CNC Vertical Machining Centers

**Toolroom Machinery and Tooling**

- 42" Blanchard 22K42 Rotary Surface Grinder
- 24" x 84" Mattison Hydraulic Surface Grinder
- 72" Colburn VTL
- (10) 2 HP Bridgeport Series I and II Mills
- 50" x 68" Leblond Sliding Gap Bed Lathe
- (6) Leblond Engine Lathes
- Cincinnati Falcon 300 CNC Turning Center
- Drills, Saws, Tool Grinders, Blast Cabinet
- (12) Sets of Angle Plates up to 14" X 65"
- (500+) Tool Holders
- Tooling, Kurt Vises, Sine Plates, Rotary Tables, Super Spacers, Sub Tables

**Inspection, Woodworking, Lift Trucks, Shop Equipment**

- Mitutoyo BRT-A1220 CMM
- (5) 4' X 8' Granite Surface Plates with Stands
- (200+) Pcs. Inspection Equipment

- Complete Pattern Shop w/ Woodworking Machinery
- Lathes, Joiners, Planers, Sanders, Saws, Clamps and Related
- Large Wood Inventory Including Mahogany, Pine, and Cedar
- 2006 International Dump Truck and 2010 GMC Van
- (3) Cat LP Lift Trucks to 12,000 LB
- Hand Tools, Shop and Office Equipment
- **OVER 1,000 LOTS**

**CIA / BCL**

**15% ON-SITE BUYERS PREMIUM**

**18% ON-LINE BUYERS PREMIUM**

**Directions:** From Downtown St. Louis Proceed West on I-70 for 10 Miles to Exit 238B for Inner Belt/ I-170 North. Continue 2 Miles to Exit 9C for N Hanley Rd, Keep Left at the Fork to Continue on N Hanley Road for 1 Mile to Left Turn onto Pershall Rd. Proceed 0.6 Mile on Pershall Road to Left Turn onto Hazelwood Ave. Sale Site is on the Corner to Right. Proceed to Gate for Parking. Watch for Auction Signs and Auction Parking.

### **WEBCAST BIDDER INSTRUCTIONS**

- ***Bidders in the United States*** will receive approval forms from our office upon registering for the auction on bidspotter.com, pending the Auctioneers review of the information provided you will be approved at the Auctioneers discretion.
- ***Bidders outside of the United States*** must post a deposit of approx. 25% of their planned spending budget or \$2,500.00 minimum with Cincinnati industrial auctioneers in order to be approved to bid. Those who do not post the deposit will not be approved. **period.**

### **HORIZONTAL MACHINING CENTERS**

**Makino Model A71 CNC Two-Pallet Horizontal Machining Center;** S/N 790, Professional 5 Control, 19.75" X 19.75" Pallets, Full 4th Axis, Coolant Thru Spindle, 28.7" X-Axis, 28.7" Y-Axis, 31.5" Z-Axis, 60-Position ATC, 50 Taper, 10,000 RPM, Mosnic Model RD3C-116A Chip Conveyor, Kanto Seiki Model MLSB-11A-N-CE Oil Cooler **(New 2010)**

**Okuma Model MA-60HB Two-Pallet CNC Horizontal Machining Center;** S/N 103269, OSP-E100M Control, 24.75" X 24.75" Pallets, 39.7" X-Axis, 31.4" Y-Axis, 31.8" Z-Axis, 50 Taper, 1 Degree 4th Axis, 40-Position ATC, Enomoto Model EA-28493.R2 Chip Conveyor **(New 2003)**

**(3) Cincinnati Model 10H-2500 CNC Horizontal Machining Center;** S/N's 48329, 48874-RL99, S/N 48061-RL99, 31" X 104" Table, with Vickers 2100 CNC Control, Pendant Control

**Cincinnati Model 10-H2500 CNC Horizontal Machining Center; S/N 47095-RL-87, Acramatic 850 Control, 30" Rotary Table, 31" X 66" Table,**

**Cincinnati Model 5H100 CNC Horizontal Machining Center; S/N 55131H5560020-RL-93, Acramatic 850SX Control, Acu-Rite Quick Count DRO**

**(2) Cincinnati Model 2H-100 CNC Horizontal Machining Center; S/N 55131H55T-0026-RL93, 55131H55U0008, (1) w/Acramatic 850SX Control, (1) w/ Acramatic 850 Control, 31" X 102" Table, Acu-Rite Quick Count DRO**

**Deckel Maho Model MH800EZ CNC Horizontal Machining Center; S/N 82272, 25" X 36" Table, Full 4th Axis, 40 Taper**

**(225+) 50 Taper Toolholders**

**(275+) 40 Taper Toolholders**

**(300+) Universal Kwik-Switch Toolholders**

#### **VERTICAL MACHINING CENTERS**

**Haas Model VF-8/50 CNC Vertical Machining Center; S/N 1067761, 36" X 64" Table, 64" X-Axis, 40" Y-Axis, 30" Z-Axis, 50 Taper, 30-Position ATC, 30 HP Two-Speed Gear Drive, 7,500 RPM, Linear Scales, Chip Auger (New 2008)**

**Haas Model VF-6/50 CNC Vertical Machining Center; S/N 42234, 28" X 64" Table, 64" X-Axis, 32" Y-Axis, 20" Z-Axis, 50 Taper, 30-Position ATC, 30 HP Two-Speed Gear Drive, 7,500 RPM, Linear Scales, Chip Auger (New 2005)**

**Haas Model VF-6/40 CNC Vertical Machining Center; S/N 1074644, 28" X 64" Table, 64" X-Axis, 32" Y-Axis, 20" Z-Axis, 40 Taper, 40-Position ATC, 20 HP Two-Speed Gear Drive, Linear Scales, Chip Auger (New 2009)**

**Okuma Model MC-60VAE CNC Vertical Machining Center; S/N 0907.0473, OSP7000M Control, 24" X 60" Table, 60" X-Axis, 25.9" Y-Axis, 24" Z-Axis, 20-Position ATC, 50 Taper, 6,000 RPM, Mac Model Mac60 VA-SR-OT-1 Oil Cooler (New 1997)**

**Okuma Model MC-60VAE CNC Vertical Machining Center; S/N 0809.0378, OSP7000M Control, 24" X 60" Table, 60" X-Axis, 25.9" Y-Axis, 24" Z-Axis, 50-Position ATC, 50 Taper, 6,000 RPM, Mac Model Mac60 VA-SR-OT-1U Oil Cooler (New 1996)**

**Fadal Model VMC 6030HT CNC Vertical Machining Center; S/N 012005057750, Fadal Multi Processor CNC Control, 30" X 60" Table, 60" X-Axis, 30" Y-Axis, 30" Z-Axis, 40 Taper, 10,000 RPM, 30-Position ATC, Rigid Tapping, High Torque, Henig SIM 1385 Chip Conveyor (New 2005)**

**Fadal Model VMC6030HT CNC Vertical Machining Center;** S/N 9508564, 30" X 60" Table, Fadal CNC88HS Control, 60" X-Axis, 30" Y-Axis, 30" Z-Axis, 40 Taper, 21-Position ATC, with Hydro Sweep Chip Removal System, Rigid Tapping, Coolant Thru Spindle, 4<sup>th</sup> Axis Prewire **(New 1995)**

**(3) Fadal Model VMC6030 CNC Vertical Machining Center;** S/N's 9211758, 9108484, 8812955, Fadal CNC 88 Control, 30" X 60" Table, 60" X-Axis, 30" Y-Axis, 30" Z-Axis, 40 Taper, 21-Position ATC

**Fadal Model VMC15 CNC Vertical Machining Center;** S/N 9402704, Fadal CNC 88HS Control, 16" X 26" Table, 20" X-Axis, 16" Y-Axis, 20" Z-Axis, 40 Taper, 16-Position ATC, Rigid Tapping, 4<sup>th</sup> Axis Prewire **(New 1994)**

**Cincinnati Sabre 1250 CNC Vertical Machining Center;** S/N 7037-A01-90-1007, Acramatic 850 Control, 26" X 54" Table, 40 Taper, 21-Position ATC

**(3) Cincinnati Model 10V-1250 CNC Vertical Machining Centers;** S/N's 49650-99RL, 5520B01-76-12, 5520B01-78-7, 25" X 54" Table, (1) w/ Vickers Acramatic 2100 Retrofitted Control (1) w/ Fanuc Control, (1) w/ Fida Xpower Control

**Cincinnati Arrow 500 CNC Vertical Machining Center;** S/N 7042-C00-94-0164, 20" X 27" Table, 40 Taper, 21-Position ATC

### **TURNING CENTERS**

**Cincinnati Falcon 300 CNC Turning Center;** S/N A0198-0064, Acramatic 2100 Control, 12" Three-Jaw Chuck, 12-Position Tool Turret, Tail Stock

### **COORDINATE MEASURING MACHINE**

**Mitutoyo Model BRT-A1220 Coordinate Measuring Machine;** S/N M001911, Model 4010M-3212, 117" X 62" Table, 50" Under Bridge, 62" X-Axis, 117" Y-Axis, 47" Z-Axis, with PC and Update 2014 Nikon CMM 3.5 Manager Software

### **ROTARY SURFACE GRINDERS**

**42" Blanchard Model 22K42 Rotary Surface Grinder;** S/N 26-6-314, 1/2" Chuck Life, 50 HP Motor, 22" Segmented Grinding Wheel, 720 RPM, Neutrofier Electromagnetic Chuck Controller

### **SURFACE GRINDERS**

**24" X 84" Mattison Hydraulic Surface Grinder; S/N 22838, (2) 24" x 42" Mag Chucks, Neutrofier Electromagnetic Chuck Controller, 6" Wide X 18" Diameter Grinding Wheel**

**12" X 24" Gallmeyer Model 370 Surface Grinder; S/N 370194**

**6" X 18" Boyar Schultz Hand Feed Surface Grinder**

### **VERTICAL TURRET LATHES**

**72" Colburn Manual Vertical Turret Lathe; S/N E5236-6, (2) Vertical Rail Heads, 78" Max Swing, 60" Approx Under Rail, 25 HP Motor**

### **TOOLROOM MACHINERY**

**(5) 2 HP Bridgeport Series II Special Mill Vertical Milling Machine; S/N 3142S, 2826S, 2386S, 4595S, 2960S, Some w/ DRO, 11" X 58" Table, PTF, Power Draw Bar**

**(4) 2 HP Bridgeport Series I Mill Vertical Milling Machine; S/N 193075, 207320, 207306, 216164, Some w/ DRO, 9" X 48" Table, PTF, Power Draw Bar**

**24" Rockwell Model 2T Geared Head Drill; S/N 70-130, 15" X 18" Table, 3360 RPM**

**4' Arm X 9" Col. Bickford Radial Arm Drill; S/N 951-00212-64, 1800 RPM, (2) 18" X 24" X 20" Drill Boxes**

**Elox Type M-702 Tap Disintegrator; S/N 278**

**(2) Cincinnati Tool Cutter Grinders**

**(3) Darex Drill Sharpeners**

**(5) Drill Sharpeners**

**(2) DE Carbide Grinders**

**(5) DE Pedestal Grinders**

### **LATHES**

**26"/ 48" X 48"/108" Leblond Sliding Gap Bed Lathe; S/N 5H720, Inch Threading, 720 RPM, 2" Spindle Bore**

**34" X 72" Leblond Tape-Turn Regal 24 CNC Lathe; S/N TCH593, GE Mark Century 550 Control, 20" Four-Jaw Chuck, 2" Spindle Bore**

**(2) 18" X 54" Leblond Regal Tape-Turn CNC Lathe; S/N TCE639, TCE760, GE Mark Century 1050 Control, 2.5" Spindle Bore, Collet Chuck**

**24" X 54" Cincinnati HydraShift Lathe;** S/N HT454F, 15" Four-Jaw Chuck, Taper Attachment, Inch Threading, 980 RPM, 1.5" Spindle Bore

**19" X 72" Cincinnati Lathe Hydrshift Lathe;** S/N 1W4L5S-31, Taper Attachment, 12" Three-Jaw Chuck, Inch Threading, 1.5" Spindle Bore, Acu-Rite Quickcount II DRO

**17" X 72" Cincinnati Hydrashift Lathe;** S/N 1W3L5S-330, Taper Attachment, Inch Threading, 1.5" Spindle Bore, Acu-Rite Quickcount II DRO

**Hardinge DV59 Dovetail Lathe**

**Hardinge HC Dovetail Lathe**

**Hardinge Speed Lathe**

**Large Quantity of Lathe Tooling Including;** Four & Three Jaw Chucks Up to 20", Face Plates, Collet Chucks, Quick Change Toolposts, Indexable Lathe Tooling

## **SAWS**

**9" X 16" DoAll Model C-916S Horizontal Band Saw;** S/N 503-94376

**20" DoAll Model 2013-V Vertical Band Saw w/ Blade Welder**

**16" DoAll Model 1612-3 Vertical Band Saw w/ Blade Welder**

**14" Stone Saw M35B Chop Saw**

## **INSPECTION**

**(5) 60" X 120" X 16" Thick Rahn Granite Surface Plates with Stands**

**62" Starret Height Gauge**

**Large Quantity of Inspection Equipment Including;** Bore Gauges, Thread & Plug Gauges, Large Micrometers, Micrometers Sets, Calipers, Meyer Pin Gauge Sets, Machinist Levels, Starret Digi Check Cadillac Gauge & Related

## **MACHINE ACCESSORIES**

**12" SMW Model ET-315V 4th Axis**

**(12) Sets of Angle Plates up to 14" X 65"; (2) Sets 14" X 65", (2) Sets 12" X 48", (6) Sets 12" X 36", 18" X 26", 14" X 48"**

**Large Quantity of Machine Accessories Including;** 6" & 8" Kurt Vises, Large Sine Plates, Rotary Tables, Super Spacers, Angle Plates, Setup Blocks, Adjustable Boring Heads, 5C Collets, R8 Collets, Spring Collets, (3) Bridgeport Heads, 25" Troyke R-25 Rotary Table

**(2) 14" X 26" X 22" Drilled & Tapped Tombstones**

**25" X 53" X 8" T-Slotted Sub Table**

**(3) 16" X 28" X 16" Drilled & Tapped Sub Table**

**Large Quantity of Perishable Tooling Throughout Facility Including;** Carbide Drills, End Mills, HS Drills, Drill Indexes, Reamers, Morse Taper Drills, Lathe Tooling & Related

### **LIFT TRUCKS**

**12,000 LB Cat Model TC120DPRH LP Gas Solid Tire Lift Truck;** S/N 5KB05189, 43 Hours Showing, 3-Stage Mast, 102" Mast Height, 231" Lift Height, 60" Forks, Side Shift

**5,000 LB Cat Model GC25 LP Gas Lift Truck;** S/N 90081, 3-Stage Mast, 83" Mast Height, 189" Lift Height, 42" Forks, Side Shift, 1,730 Hours Showing

**3,000 LB Cat GC18 LP Gas Lift Truck;** S/N 2EM03960, 3-Stage Mast, 83" Mast Height, 190" Lift Height, 42" Forks, Side Shift, 2,521 Hours Showing

**(2) 1000 LB Big Joe Model 9957 Electric Walk-Behind Stackers;** S/N 33083, 43861

**Lifting Equipment Including;** Machinery Skates, Chain Falls, Eye Bolts, Barrel Grabber, Forklift Jib

### **SHOP EQUIPMENT**

**Large Quantity of Shop Support Equipment Consisting of;** Mag Base Drill, (7) Stanley Vidmar Cabinets, Dump Hoppers, Digital Floor Scale, Jacks, (3) Die Carts, Fireproof Cabinets, (2) Door Storage Cabinets, Ladders, Workbenches, Fans, Toolboxes, Electric Hand Tools, Hand Tools, C-Clamps, (6) Two-Door Safes, Pallet Racking, Steel Shelving, Arbor Press, Misc Steel, Mower, Oxy-Acetylene Cart, (10) Electric Chain Hoists, Gear Pullers

**Large Quantity of Hardware, Bearings, Electrical and Related**

### **MISC. MACHINERY**

**Clemco Model Pulsar VI Blast Cabinet with Reclaim;** S/N 51082, 600 CFM, **(New 2001)**

**44 Ton Peddinghaus 210D/11 Mechanical Iron Worker;** S/N 532B072, 3.5" X 3.5" X 5/16" Angle Iron, 1/2" X 6" Plate

**2" Burr King Sander**

**350 Amp Miller Syncrowave 350 Tig Welder**

**250 Amp Miller CP-250TS Welder**

**Plymouth EMK-1400 Portable Fume Collector**

**Portacat Model PC-1000 Portable Fume Collector**

**(4) Various Size Anvils**

**Hammond DE Buffer**

**Rigid Threader and Grinder**

**Charmilles Form 4LC Wire EDM; S/N 9386043**

**75 Ton Dake H-Frame Press**

**Actua Model 2100 3D Systems 3D Molder**

### **AIR COMPRESSORS**

**125 HP Gardner-Denver Model EBE99M Air Compressor; S/N 5131688**

**Ultra Air Model UA125AC Air Dryer and (2) Receiving Tanks**

**Pioneer Model AH300 Air Dryer**

### **WOODWORKING MACHINERY**

**14" X 40" Powermatic Model 90 Wood Lathe**

**20" X 64" Wadkin 8-Speed Wood Lathe**

**14" X 50" Southbend Model CL1450 Wood Lathe**

**24" X 72" Oliver Wood Lathe w/ Rotating Bed**

**Other Wood Working Machinery Including;** 16" Northfield Size 16HD Joiner, 16" Wadkin Joiner, 12" Oliver No. 12 Joiner, (2) 24" Oliver Model 299D Planer, 18" Delta Planer, (2) 30" DE Oliver Disc Sander, 20" State Disc Sander, (5) 24" Master Disc Sander, (4) Master Spindle Sander, Wadkin Vertical Sander, 20" Delta Vertical Band Saw, Lucas Precision 32 Mill with Bridgeport Head, 40" X 56" Table, (2) 36" & 27" Northfield Vertical Band Saws , (3) 36" & 30" Oliver Vertical Band Saw, 14" Powermatic Vertical Band Saw, (2) Oliver Model 270-D Table Saws, 10" Rockwell Table Saw, 12" Dewalt Radial Arm Saw, Miscellaneous Saws, DE Grinders and Machinery Wood Shop, (Lot) Wood Tools, Clamps Throughout Wood Shop



## **WOOD INVENTORY**

**(Lot) Large Quantity of Various Wood used in Pattern Making Including;** Mahogany, Maple, Cherry, Poplar, Cedar, White Pine & Other

## **VEHICLES**

**2010 GMC Savana Van;** VIN# 1GJ2G1DG1A1132268, Vortec 6.0 Liter V8 Flex Fuel Engine, 86,885 Miles

**2008 Toyota Tacoma TRD Crew Cab 4X4 Pickup Truck;** VIN#5TELU42N68Z574292, Toyota V6 Gas Engine, Auto Trans, Four-Door Crew Cab, 5' Bed, 4-Wheel Drive, 108,023 Miles

**2006 International 4300 DT466 Single Axle Diesel Dump Truck;** VIN# 1HTMMAAM47H418430, International D225 7.6 Liter Diesel Engine, Eaton Fuller 6-Speed Manual Transmission, 8' X 12' 42" High Dump Bed, 23,374 Miles

## **OFFICE**

**Office Furniture Including;** PC's, Desks, File Cabinets, Reception Area Furniture & Wood Construction Toys