

PUBLIC

AUCTION

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Plant Closed

ASTRO AUTOMATION, INC.

100 Productivity Place in Irwin, Pennsylvania 15642

THURSDAY, FEBRUARY 21st
STARTING AT 10:00 AM EST

INSPECTION: DAY PRIOR TO AUCTION FROM 9AM - 4PM



HAAS VF-7/50 5-Axis CNC Vertical Machining Center



HAAS SL-30 Slant Bed CNC Lathe



HAAS VF-3B CNC Vertical Machining Center



BRIDGEPORT Series 1
2-HP Vertical Mill



GIDDINGS & LEWIS G60T 5-Axis CNC Horizontal Boring Mill & Angle Plate



DEVLIEG 43J60 4-Axis Horizontal Jigmill

2012



HAAS VF-7/50 5-Axis CNC Vertical Machining Center



HAAS VF-3B CNC Vertical Machining Center



HAAS SL-30 Slant Bed CNC Lathe



GIDDINGS & LEWIS G60 T 5-Axis CNC Horizontal Boring Mill & Angle Plate



GIDDINGS & LEWIS HMC170 CNC Horizontal Machining Center



MAZAK QuickTurn 15N Slant Bed CNC Lathe



HAAS VF-3 3-Axis CNC Vertical Machining Center



HAAS VF-2 4-Axis CNC Vertical Machining Center



Large Assortment CAT 40 & CAT 50 Tooling & Tool Holders



DEVILIEG 43J60 4-Axis Horizontal Jigmill



(13) KURT 6" Machine Vises



LEBLOND REGAL 24" x 96" Engine Lathe



LEBLOND MAKINO REGAL Servo Shift 22" x 96" Engine Lathe



(2) CLAUSING COLCHESTER 15" x 72" Geared Head Engine Lathes



HARDINGE HLV-H 11" x 36" Super Precision Toolroom Lathe



PRATT & WHITNEY 12" x 54" Gap Bed Engine Lathe



HARDINGE TFB Precision Toolroom Lathe



ALLIANT RT-2 3-HP Vertical Mill



SHARP LMV 3-HP Vertical Mill



COVEL Excel Tool & Cutter Grinder



BRIDGEPORT Series 1 2-HP Vertical Mill



ALLIANT RT-2 2-HP Vertical Mill



LELAND GIFFORD 2-LMS 2-Head Vertical Production Mill



SUMMIT UN Horizontal Mill

CNC MACHINING

2012 HAAS VF-7/50 5-Axis CNC Vertical Machining Center, 28" x 84" Table, 39-Station ATC, CAT 50, HAAS CNC Control

2001 HAAS VF-3B CNC Vertical Machining Center, 20-HP, 18" x 48" Table, 20-Station ATC

1997 HAAS VF-3 3-Axis CNC Vertical Machining Center, 15-HP, 18" x 48" Table, 20-Station ATC, HAAS CNC Control, 710 IPM, Brushless Servo, CT Tooling

1993 HAAS VF-2 4-Axis CNC Vertical Machining Center, 14" x 3" Table, 20-Station ATC

2000 HAAS SL-30 Slant Bed CNC Lathe, 12-Station Turret, Live Tooling, 10" 3-Jaw Chuck, Haas CNC Control, Brushless Servo

1990 MAZAK QuickTurn 15N Slant Bed CNC Lathe, 4-Station Turret, 8" 3-Jaw Chuck, Mazatrol T32-2 CNC Control, Tailstock

1999 GIDDINGS & LEWIS HMC170 CNC Horizontal Machining Center, Siemens Sinumerik 840D CNC Control, Dual Control Panels, Pallet Loader, 50 Taper Tooling, 100-Position ATC **Mother Board Out**

CNC TOOLING

HAAS Turret Tool Holders
(100+ Pcs.) CAT 40 & CAT 50 Tooling
(7) Rolling Carts w/Assorted Tool Holders
(4) Cabinets w/CAT 40 & 50 Tooling,

Precision Dies, Spring Collets, Dovetail Cutter, Belts

CNC HORIZONTAL BORING MILL

GIDDINGS & LEWIS G60 T 5-Axis CNC Horizontal Boring Mill, 6" Spindle, Travels: X=84", Y=90", Z=36", W=84", 48" x 60" Rotary Table Index, (2) Shuttle Tables, Westinghouse Producer CNC Control, Collet Draw Bar, Jorgensen Chip Conveyor

JIGMILL

DEVLIEG 43J60 4-Axis Horizontal Jigmill, 30" x 60" Table, 3" Spindle Dia., Travels: X=60", Y=40", Z & W=16", 20-3,000 RPM, Fagor CNC Control, 10-HP

DEVLIEG Table Extension 16" x 30" w/ Kurt 8" Machine Vise

LATHES

LEBLOND REGAL 24" x 96" Engine Lathe, 12-1/2" Over Center, 26" Swing Over Bed, 18-1/4" Over Cross Slide, 48" Between Centers, 2-1/4" Bar Thru Spindle, 18" 4-Jaw Chuck, Steady Rest, Tailstock, Aloris Tool Post

LEBLOND MAKINO REGAL Servo Shift 22" x 96" Engine Lathe, 9-1/2" Over Center, 15-1/2" Swing Over Bed, 30" Between Centers, 5"-6" Bed, 2" Bar Thru Spindle, 15" 4-Jaw Chuck, Steady Rest, Tailstock, Cross Slide, DTM Tool Post, (2) Acu-Rite 3 2-Axis DROs

(2) CLAUSING COLCHESTER 15" x 72" Geared Head Engine Lathes, 7.5" Swing Over Center, 15.25" Swing Over Bed, 9.5" Swing Over Cross Slide, 2.125" Bore Thru Spindle, 8" & 10" 3-Jaw Chucks, Steady Rest, Dorian & DTM Quick Change Tool Posts, 25-2,000 RPM, Rotary Accessory, 6" D1 Camlock Nose

PRATT & WHITNEY 12" x 54" Gap Bed Engine Lathe, Model C, 7" Swing Over Centers, 13.8" Swing Over Bed, 10" 4-Jaw Chuck, Tailstock, Tool Post, 14-1,000 RPM

HARDINGE HLV-H 11" x 36" Super Precision Toolroom Lathe, 36" Bed, 5.5" Over Center, 11" Swing Over Bed, High Speed, 125-3,000 RPM, Hi/Lo, Dovetail Bed, 1-1/8" Bar Thru Spindle, Tailstock, Dorian Quick Change Tool Post, Variable Speed Power Carriage Feed

HARDINGE TFB Precision Toolroom Lathe, 4-1/2" Over Center, 8-7/8" Swing, Dovetail Bed, 30" Bed, 1-1/8" Bar Thru Spindle, 165-1,759 RPM Spindle, Tailstock, Slideway, Dorian Quick Change Tool Post

MILLS

ALLIANT RT-2 3-HP Vertical Mill, Hi/Lo, Power Draw Bar, Servo 150 Power Table, 9" x 42" Table, 60-4,500 RPM Spindle, Anilam Wizard 2-Axis DRO

SHARP LMV 3-HP Vertical Mill, Power Draw Bar, Servo 150 Power Table, 42" x 9" Table, 60-4,500 RPM, Acu-Rite 3-Axis DRO

ALLIANT RT-2 2-HP Vertical Mill, Hi/Lo, Power Draw Bar, Servo 150 Power Table, 9" x 42" Table, 60-4,500 RPM Spindle, Spindle Taper, Anilam Wizard DRO

BRIDGEPORT Series 1 2-HP Vertical Mill, Power Draw Bar, Servo 100 Power Table, 42" x 9" Table, Acu-Rite Master-P 3-Axis DRO

LELAND GIFFORD 2-LMS 2-Head Vertical Production Mill, 600-3,600 RPM, 21" x 34" Table

SUMMIT UN Horizontal Mill, 10-1/2" x 47" Table, 1-1/2" Shaft, Rapid Traverse

GRINDERS

CINCINNATI Tool & Cutter Grinder, Model 1D2T5H, 50" x 6" Table, HARIG Air Flow Mill Fixture, KO LEE Index Collet Attachment

CINCINNATI No. 2 Tool & Cutter Grinder, Centerless Grinding Attachment, Collet Grind/Cut Attachment, 45-1/2" x 6" Table, Power Table Feed

BROWN & SHARPE 6" x 18" Surface Grinder

HARIG 618V Hand Feed Surface Grinder

COVEL Excel Tool & Cutter Grinder, Model 6, Collet Bar Feed Attachment, Rotary Table, Hand Feed

Tool & Cutter Grinder, 3' x 5" Table, Tailstock, Centerless Grinding Attachment, Tool Post

1994 RUSH Drill Bit Sharpener, Model 382, 7-1/2" 6-Jaw Chuck

Cabinet w/Grinding Attachments, Face Mill, Reamer



CINCINNATI Tool & Cutter Grinder



CINCINNATI No. 2 Tool & Cutter Grinder



HARIG 618V Hand Feed Surface Grinder



Tool & Cutter Grinder



DOALL Horizontal Automatic Power Band Saw



MARVEL Tilt Arbor Vertical Band Saw



POWERMATIC 26 Vertical Band Saw



POWERMATIC 87 Vertical Band Saw



Horizontal Band Saw



(2) HYSTER S80FT 8,000-lb. LPG Forklifts



HYSTER S50FT 5,000-lb. Forklift



TOYOTA 3,000-lb. LPG Forklift



SAWS

DOALL C-57 Horizontal Automatic Power Band Saw, 144" Blade, 5' Conveyor

MARVEL 81/M5 Vertical Band Saw, Hyd. Tilt Column, Hyd. Hold Down, Hyd. Lift Rollers, 1-1/4" Blade, Sure-Line Auto Blade Control, Extended Saw Column

(2) **POWERMATIC Vertical Band Saws**, Models 26 & 87

WELLS 5M Band Saw

Horizontal Band Saw, 3/4" x 117" Blade

TOOLROOM

CRAFTSMAN 10" Radial Arm Saw, 26" Blade Out Rip

RODGERS 60-Ton H-Frame Shop Press, Model S60-13

DARRA-JAMES 640 Planer

GREENARD No. 3 Arbor Press

BRINKMAN Bench Top Cutting Machine, Model 1015

DAREX Drill Sharpener • **PROSSER 7" Carbide Grinder** • **ENGLEBERG 2" Vertical Belt Sander** • (7) **RYOBI, DAYTON, JET** & Other Double End Grinders to 12" • **BALDOR 3-HP Buffer/Polisher**

HOME-CRAFT 8" Table Saw • **RYOBI 15" Chop Saw**

(2) **45" x 6" Angle Plate** w/7' x 5' x 2-1/2" Die Plate

BLACK & DECKER Magnetic Base Drill

FABRICATING & WELDING

CHICAGO 5' Hand Bending Brake
TENNSMITH 16-Ga. Mild Steel x 36" Kick Shear, Model T3616

CONNECTICUT 16-Ga. x 4' Finger Brake, Model U416

ESAB Plasma Cutter, Head & Leads
MILLER MSW-41 Portable Spot Welder

(2) **ELECTRO ARC & THERMAL ARC 300 GMS Arc Welders**

(2) **ELECTROMARK L-600 & SAMLEX PSA-305 Power Supplies**

MILLER 24V Constant Wire Feeder
LINCOLN Square Wave Tig 255 TIG Welder, Bernard Chiller

HOBART Cyber-Wave 300S AC/DC Welder

Bench-Top Welding Positioner, 12" 3-Jaw Chuck, V/S, 20" Table

Mechanical Coil Reel

INSPECTION

KODAK Optical Comparator

WILSON 3TT Hardness Tester

COLEMAN Hand Held Hardness Tester

SCHMIDT Marking Stencil Machine

STARRETT Magnetic Pressure Gauge Stand

BOSCH & LOMB & NULINE Microscopes

(2) **Bench-Top Precision Lathe Testers**

THERMOELECTRIC Metal Tester

(2) **BROWN & SHARPE 18" & 12"**

Heighticators • **MITUTOYO & TRIMOS**

Height Gauges • Pipe Squaremaster

Pressure Height Gauge Tester •

SAMUAL Pressure Gauge Test Stand

• Pin Gauges • (2) 27" x 14" Precision

Squares • SPI Digital Caliper • Parallels

• Profilmeter (no Probe)

(4) **Cabinets Full of Precision Measuring Equipment** - (50+ Pcs) OD & ID

Mics • Pin Gauge Sets • Block Gauge

Set • Compasses • Precision Levels •

Thread Mics • Ring Standards • Bore

Gauge • Load Meter • Travel Indicators

• Calipers • (3) Metal Cabinets Full of

Assorted Inactive Bore Gauges

(7) **STARRETT, RAHN, DOALL &**

Other Granite Surface Plates

STARRETT 18" x 12" x 4" Granite

Surface Angle Block • (2) 12" x 6" x 6"

Granite Blocks

FORKLIFTS

(2) **2012 HYSTER 8,000-lb. LPG**, Model S80FT, Lever Shift, Solid Tires, 185" Raised / 87" Lowered 3-Stage Mast, Side Shift, 48" Forks, 4-Way Hydraulic Valve

2010 HYSTER 5,000-lb. LPG, Model S50FT, Lever Shift, Solid Tires, 189" Raised / 82" Lowered 3-Stage Mast, 42" Forks

TOYOTA 3,000-lb. LPG, 80" Lift, Solid Cushion Tires, 56-3/4" Mast, Mast Rack

(2) **KH HUPPERT Electric Furnaces**

MISCELLANEOUS

(2) **KH HUPPERT Electric Furnaces**

POSI-PLACE Rotary Transfer Automotion Machine, 12-Station Index

MARSH Model R Rotary Stencil Machine

TORIT #64 Portable Dust Collector

EMPIRE EF-2448 Blast Cabinet

(20+) **Tool Post Quick Change Attachments** • 7" x 7" x 27-1/2" Tombstone • (15+/-) 6-Jaw to 3-Jaw Chucks, 5" to 21"

(10+) **STANLEY VIDMAR & Other Cabinets** w/Boring Head Inserts, Precision Blocks & Dies, Angle Plates, Collet Sets & Jaws, Lathe Tools, Hold Downs, Perishable Tooling, Hole Saws & Much More

CHATLION Hoist Scale • Chain Falls w/Girder Trolley • Rigging Items • (13) **KURT 6" Machine Vises** • Turbo Skimmers • **LASSY** Arbor Type Hand Tapper

CYKLOP CMT-100 Tape Machine • **CLAMCON** Heat Sealer • Hand Tools • Screw Jacks • Clamps • Vises

(2) **Sections 8' x 32" x 8' Tear Drop Pallet Racking** • (12 Sections) Cabinets • (25+) Work & Layout Tables & Benches • Roller Conveyor • Die Lift Table • Idler Rollers

UNABLE TO ATTEND?

BidSpotter.com

Bid Online in Real Time

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CRAFTSMAN 10" Radial Arm Saw



RODGERS 60-Ton H-Frame Shop Press



GREENARD No. 3 Arbor Press



ENLEBERG 2" Vertical Belt Sander



DAYTON & Other Double End Pedestal Grinders



CHICAGO 5' Hand Bending Brake



TENNSMITH 16-Ga. Mild Steel x 36" Kick Shear



CONNECTICUT 16-Ga. x 4' Finger Brake



ESAB Plasma Cutter



ELECTRO ARC Welder



(2) KH HUPPERT Electric Furnaces



Bench Top Welding Positioner



THERMAL ARC 300 GMS DC Arc Welder



LINCOLN 255 TIG Welder



HOBART Cyber-Wave 300S Welder



KODAK Optical Comparator



TRIMOS Digital Height Gauge



WILSON 3TT Hardness Tester



(2) BROWN & SHARPE Heighcticators



Multiple Size Granite Surface Plates



Assortment of Quick Change Attachments & Chucks



POSI-PLACE Rotary Transfer Machine



EMPIRE EF-2448 Blast Cabinet



STANLEY VIDMAR 11- & 9-Drawer Cabinets

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100 Productivity Place in Irwin, Pennsylvania

**THURSDAY, FEBRUARY 21st
STARTING AT 10:00 AM EST****INSPECTION: Day Prior to Auction
from 9:00 AM - 4:00 PM**

HAAS SL-30 Slant Bed CNC Lathe

**Myron Bowling
Auctioneers Inc.**
P.O. Box 369
ROSS, OHIO 45061

HAAS VF-7/50 5-Axis CNC Vertical Machining Center

2012HARDINGE HLV-H 11" x 36"
Super Precision Toolroom LathePRE-SORT
FIRST CLASS
U.S. POSTAGE
PAID
CINCINNATI,
OHIO
PERMIT NO. 5714

FIRST CLASS MAIL!

Important MailTO BE DIRECTED TO THE ATTENTION
OF EXECUTIVE PERSONNEL

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100 Productivity Place in Irwin, Pennsylvania

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from 9AM - 4PM****REMOVAL & PAYMENT**

Machinery removal is the responsibility of the buyer. All equipment must be removed in accordance with the specific auction timeline and terms of sale. See the specific auction web page for details. Anyone (rigger or buyer), using a powered vehicle to remove items must have a certificate of insurance on file with Myron Bowling Auctioneers in the amount of \$1,000,000.00. Item removal generally begins at the conclusion of the auction and after payment in full is received by cash, wire transfer, or company check (if approved by the auction company or bank letter of guarantee). All checks should be made payable to Myron Bowling Auctioneers. Taxes will be charged unless you have provided a proper written exemption from your state.

TERMS OF SALE

Copies of Terms of Sale will be posted at the auction. Additional terms may be announced during the auction. We make every effort to accurately describe each item in the auction; however, a mistake may occur. Buyers must take responsibility to thoroughly inspect the items on which they intend to bid. Each item will be sold "As is, where is." There is absolutely no warranty or guarantee of any kind either written or implied. Occasionally, additional information may come to light regarding any and all items being sold during the auction. When this occurs the new information takes precedence. COMPLETE TERMS OF SALE can be found at myronbowling.com, or call 513/738-3311 if you have questions.

**BUYER'S PREMIUM: 15% ONSITE • 18% ONLINE w/bidspotter.com
INSPECTION: THE DAY BEFORE THE AUCTION FROM 9AM TO 4PM****DIRECTIONS**

100 Productivity Place is approximately 24 miles Southeast of Pittsburgh in Irwin, PA. Take I-376 E to exit 84A for PA-48 S toward Monroeville. Merge onto Haymaker Rd and continue onto Mossdale Blvd for 3.3 mi. Turn left onto Broadway Blvd / PA-130. Go 1.1 mi. and turn right onto PA-993 E / Brinton Ave. Go 5.3 mi. and turn left onto Productivity Place. Look for auction signs on the right.

Myron C. Bowling – AU003150R

Myron Bowling Auctioneers, Inc. – AY000090L

Jeff Luggen – AU003274R

Cincinnati Industrial Auctioneers, Inc. – AY002219

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