



Phone 215.426.5300
Fax 215.426.6897
www.quakercityauction.com



... Auctioneers | Appraisers | Liquidators

License #AU001769L

LIVE WEBCAST & ONLINE 2-PART MACHINE AUCTION

VITOLS TOOL & MACHINE 10082 Sandmeyer Lane, Philadelphia, PA

PART 1: ONLINE AUCTION - Monday, March 1st at 9:00 am EST and Begin closing Thursday, March 18th at 12:00 noon (2-day closing)

- Micrometers, Intriniks, Calipers, Height Gages, Bore Gages, Borescopes, Pin Gage & Gage Block sets, Granite Plates, Microscopes, Surface & Dial Indicators, Sine Plates, Angle Plates, Plug, GONOGO Thread & Ring Gages
- Pedestal & Jib Cranes
- (32) VIDMAR Cabinets & (8) VIDMAR Shelving UNITS; (7) LISTA Sliding Door & Multi-Drawer Tool Cabinets, & Cart, (13) EQUIPTO 36" 11-Drawer Cabinets
- MAGNA-LOCK & OS WALKER Electromagnetic Swiveling & Knife Bar Chucks to 6' & Magnetic Parallels
- (40) KURT 8" & 6" Vises, Dividing Heads, Rotary Tables, Grinding, Milling & Lathe Attachments & Accessories
- (900) CAT 50 & 40 Tool Holders, Quick Change Tap Holders, Drill Chucks, Face Mills, Boring Heads, Collets
- Carbide Inserts, Carbide & Hi-Speed Tooling, Abrasive, Hone & Grinding Supplies
- 3R MACRO & Combi Tooling (for Die Sink EDM's)
- (60) Shop Top Work benches (clean), (50+) HD Iron Carts w/ HD Casters, Shelving, Racking
- Packaging Supplies & Equipment, Offices, Computers, Printers, Copiers



View of VIDMAR Cabinet Tool Crib w/ Measuring Tools



Partial View of Kurt Vises w/ HD Carts



View of LISTA Cabinets w/ CAT 40 & 50 Tool Holders

PART 2: LIVE WEBCAST AUCTION - Tuesday, March 16th at 10:30 am EST

- (7) HAAS VF6, VF5 & VF4 CNC Vertical Machining Centers as new as 2010, (900) Tool Holders
- (3) HAAS ST40, SL30T & WASINO CNC Lathes as new as 2012
- (3) SODICK Wire & (2) MITSUBISHI Die Sink (with tool changers) EDM's as new as 2011, Hole Popper, 3R Tooling
- (6) OKK CNC Vertical Machining Centers
- (19) CNC & Manual Vertical Milling Machines as new as 2016
- SHEFFIELD CMM'S & JONES & LAMSON Optical Comparators
- Large Capacity THOMPSON Surface Grinders w/ 16' & 12' Electromagnetic Chucks, BLANCHARD Rotary Surface, JONES & SHIPMAN & LIVNICA Surface & Universal Cylindrical Grinders, Wheels & Attachments
- Lathes, Drills, Drill Sharpeners, Sanders,
- Saws, Fabrication Machinery, Finishing Equipment
- Bridge Cranes & Fork Lifts



2007 SODICK AQ900L Wire EDM



2012 HAAS ST40 CNC Lathe



2006 HAAS VF-6/50 CNC VMC

TERMS: 18% Buyers' Premium Online & Live Webcast on bidspotter.com. Full payment within 24 hours of Receipt of Invoice in Cash, Bank Check, Wire Transfer or Business Check with Bank Letter of Guarantee.

CONTRACT, JOB & PRODUCTION CNC SHOP

PART 2 - LIVE WEBCAST AUCTION: Tuesday, March 16th at 10:30 am EST

CNC VERTICAL MACHINING CENTERS

2010 **HAAS** VF-4BAPC CNC Vertical Machining Center w/ Pallet Changer, S/N 1074960, 4,953 hours, 7,500 RPM, 20 HP, 2-Speed Gear Drive, X-30", Y-24", Z-24", 40+1 Side Mount ATC, CAT 40 Taper, RENISHAW 40-2 Probe w/ OTS Optical Transmission 3D Touch Trigger Tool Setter, 18" x 38-1/2" Pallets, Thru Spdl. Coolant, 4 Chip Augers, JORGENSEN Chip Conveyor



2010 HAAS VF-4BAPC CNC VMC w/ Pallet Changer

2004 **HAAS** VF-4B CNC Vertical Machining Center, S/N 35420, 20 HP, 2-Speed Geared Head, 9,651 hours, 10,000 RPM, X-40", Y-20", Z-20", 52" x 18" Table, 40+1 Side Mount ATC, CAT 40 Taper, RENISHAW 40 Probe w/ TS27 Auto Tool Setting Probe, Chip Auger



2012 HAAS ST40 CNC Lathe

2003 **HAAS** VF-4B CNC Vertical Machining Center, S/N 33031, 11,462 hours, Linear Scales, Wired 4th Axis, 10,000 RPM, X-40", Y-20", Z-20", 18" x 52" Table, 40+1 Side Mount ATC, CAT 40 Taper, RENISHAW 40 Probe w/ TS27 Auto Tool Setting Probe, Chip Auger

2006 **HAAS** VF-6/50 CNC Vertical Machining Center, S/N 1050547, Wired for 5 Axis, (replaced Spdl. Drive & Gear Box in 2018), 7,500 RPM, 30 HP, 2-Speed Geared Head, Linear Scales, 8,804 hours, X-64", Y-30", Z-20", 64" x 28" Table, 20 Position Umbrella ATC, CAT 50 Taper, Thru Spdl. Coolant, Top Mounted 1000 LB Cap. Crane, Chip Auger

1996 **HAAS** VF-6 CNC Vertical Machining Center, S/N 9303, Wired 4th Axis, Spindle Drive Gear Box replaced end of 2018, 19,760 hours, 5,000 RPM, 30 HP, X-64", Y-30", Z-20", 64" x 28" Table, 20 Position Umbrella ATC, CAT 50 Taper, 28" x 64" Table, Nitrogen Charged

2007 **HAAS** VF-5/50 CNC Vertical Machining Center, S/N 1062010, 12,618 hours, (new Spdl. In 2012), Linear Scales, Thru Spdl. Coolant, 7,500 RPM, 30 HP, 2-Speed Gear Drive, X-48", Y-20", Z-20", 52" x 23" Table, 30+1 Side Mount ATC, CAT 50 Taper, RENISHAW 40-2 Probe w/ OTS Tool Setter, Nitrogen Charged, Chip Auger



2007 HAAS VF-5/50 CNC VMC



2000 HAAS SL30T CNC Lathe

2000 **HAAS** VF-5 CNC Vertical Machining Center, S/N 20479, 16,142 hours, Wired 4th Axis, 5,000 RPM, 30 HP, X-48", Y-20", Z-20", 52" x

23" Table, 30+1 Side Mount ATC, CAT 50 Taper, Chip Auger, Nitrogen Charged

OKK MCV-520 CNC Vertical Machining Center, S/N 260/MA52176X, MELDAS M2 CNC Control, 3,500 RPM, X-40.16", Y-20.51", Z-22.01", 21-5/8" x 51" Table, 24 Position Side Mount ATC, CAT 50 Taper, Wired for 4th Axis

OKK MCV-520DS CNC Twin Spindle Vertical Machining Center, S/N 523/MA4334CX, MELDAS M2A CNC Control, 6,000 RPM, X-40.16", Y-20.51", Z-22.01", (2) 30-Position Side Mount ATC's, CAT 40 Taper

(2) **OKK** MCV-500 CNC Vertical Machining Centers, S/N 982/MA93883X, 539/MA93484X (Wired 4th Axis), MELDAS 5000-C2 CNC Control, 3,200 RPM, X-40.19", Y-20.11", Z-22", 19" x 51" Table, 20 Position Side Mount ATC, CAT 50 Taper

(2) **OKK** PCV-40 CNC Vertical Machining Center, S/N 1538/MA46477 (6,000 RPM) & 1144/MA46046 (8,000 RPM), MELDAS 300 CNC Control, X-22", Y-16", Z-16", 16" x 28-1/4" Table, 18 Position Side Mount ATC, CAT 40 Taper



2006 HAAS VF-6/50 CNC VMC



2004 HAAS VF-4B CNC VMC

(1) **HAAS** TR310 Dual-Axis Trunnion, (2) HRT 310 Rotary Tables (1 Brushless) & (2) **TSUDAKOMA** RNCM-401R & 100-CTNCV Rotary Tables (15) Mountable Chucks to 12"

SOWON High Powered Induction Heater for Shrink Fit Tooling, S/N S0032012146

CNC LATHES

2012 **HAAS** ST-40 CNC Lathe, S/N 3094184, 1,997 hours, 4.62" Spdl. Bore, 4" Bar Capacity, 34.5" Swing, 44" Machining Length, 25.5" Turning Dia., 15" Hydraulic Chuck, 2400 RPM, A2-8 Spdl. Nose, 12 Position Turret, Auto Tool Setter, Rigid Tapping, Programmable Tailstock, JORGENSEN Chip Conveyor, Turret Tools & Boring Bars

2000 **HAAS** SL-30T CNC Lathe, S/N 63294, 16,141 hours, 3" Spdl. Bore, 3.5" Bar Capacity, 30" Swing, 34" CC, 39" Machining Length, KITAGAWA B210 10" Hydraulic Chuck, 3400 RPM, A2-6 Spdl. Nose, X-14", Z-34", 12 Position Turret

WASINO LJ-102 CNC Lathe, S/N 563, FANUC OT Control, 17" Swing x 40" CC, 3" Spdl. Bore, 1-3/4" Bar Capacity, KITAGAWA B10 10" Hydraulic Chuck, 3000 RPM, X-9-1/2", Z-40-1/8", 12 Position Turret, Programmable Tailstock

ROYAL Collet Chucks w/ Quick Grip Collets

EDM

WIRE- 2007 **SODICK** AQ900L 5-Axis Wire EDM, S/N 0027, LQ33W Control, X-35.43", Y-23.62", Z-15.75", U x V-36.22" x 24.41", Wire Dia. Range .006"-.012", Work Tank 54.09" x 44.61", Tank Cap. 422 Gallons,

Max Workpiece 4,409 LBS, Linear Motor Drives, Glass Scale Feedback, Super Jet Annealing Hi Speed AWT, L-Cut Wire Chopper (machine installed 2011)

2004 **SODICK** AQ535LH Wire EDM, S/N 1050, LQ1W Control, X-21.65", Y-13.78", Z-15.7", Work Table 31.1" x 19.6", Work Tank 43.3" x 28.3", Max Weight of Workpiece, Wire Dia. .006-.012, New Jersey Max Workpiece 29.52", AWT, Wire Chopper, Jumbo Wire Feeder

1999 **SODICK** A325L Wire EDM, S/N 0294, LN1W Control, X-13.7", Y-9.8", Z-8.6", UV 3.1" x 3.1", 23.6" x 15.7" Work Table, 35.2" x 25.5" Work Tank, Max Ht. of Workpiece 8.6"/7.8" Submerged, Max Workpiece Wt. 990 LBS, Wire Dia. .006-.012, AWT, Wire Chopper, SODICK Jumbo Wire Feeder

AGIE Agiecut 100D Wire EDM, S/N 150, Agiematic CD Power Supply, Agieplus MM w/ Chiller-as is, not running

AGIE Agiecut 300 D+H Wire EDM, S/N 23, Agiematic CD Power Supply, Agieplus MM w/ Chiller-as is, not running

HOLE DRILLING - ELENIX EDM Drill ST300 Hole Popper (Small Hole Drill), S/N 83106, SRJ Control, X-12", Y-8", Z-12", Guide X Travel 10.5", Workpiece Wt. 682 LBS, 12" x 12" Work Table, 18" x 16" Work Tank, Supply of Electrodes

DIE SINK- 2011 **MITSUBISHI** EA12VM ADVANCE Die Sink EDM, S/N 50E1A149, FP80V Power Supply w/ ADVANCE CONTROL, Built-In C-Axis, 3R 20 (16-32) Position Electrode (Tool) Changer, X-15.74", Y-11.81", Z-11.81", Auto Tank Elevation, 37" x 24" x 14" Work Tank, 27.6" x 19.7" Table, Linear Glass Scales,

2004 **MITSUBISHI** EA12E Die Sink EDM, S/N 5881202, C21EA-2 Control, FP60EA Power Supply, Built-In C-Axis, 3R 16 Position Electrode (Tool) Changer, X-15.7", Y-11.81", Z-11.81", Auto Tank Elevation, 41.3" x 27.5" x 17.7" Work Tank, 27.5" x 19.7" Work Table, Max Workpiece 39.3" x 25.5" x 13.7", Max Workpiece Cap. 2200 LBS

MITSUBISHI EA12E Die Sink EDM, FP60EA Power Supply, as is, not running

3R Combi & Macro Chucks, Drawbars, Pallets & more



2003 HAAS VF-4B CNC VMC



2000 HAAS VF-5 CNC VMC



3R MACRO & COMBI Die Sink Tooling

CONTRACT, JOB & PRODUCTION CNC SHOP

PART 2 - LIVE WEBCAST AUCTION: Tuesday, March 16th at 10:30 am EST

MILLS

2016 **ACER** e-Mill 3vK CNC Vertical Mill, S/N N16050207U, MP G2 3X +dckit Control, 3 HP, 10" x 50" Table, RPM DRO, SS 60-4500 RPM, Power Drawer Bar

BRIDGEPORT EZ Vision 2-Axis CNC Vertical Mill, S/N HNDG3155D, 2 HP, 9" x 48" Table, Power Drawer Bar, BIJUR Lube

2004 **BRIDGEPORT** EZ PLUS CNC Vertical Mill, S/N HNDG0893Z, 2 HP, 9" x 48" Table, Power Drawer Bar, BIJUR Lube

2007 **A-TRUMP** AONE-3VKNC CNC 2-Axis Vertical Mill, S/N 96225, 3 HP, 10" x 50" Table, Power Drawer Bar, BIJUR Lube

BRIDGEPORT 3-Axis CNC Vertical Mill, S/N 258357, FAGOR Control, 2 HP, 9" x 42" Table, Power Drawer Bar

MILLPORT 3-Axis CNC Vertical Mill, S/N 98003, FAGOR Control, 3 HP, 10" x 50" Table

(2) 2006 & 2004 **BRIDGEPORT** 2J VS Vertical Mills, S/N HNDG2195 (Servo Power Feed) & HNDG0903, ACU-RITE DRO, 2 HP, 9" x 48" Power Feed Table, Power Drawer Bar, BIJUR Lube

2002 **BRIDGEPORT** 2J VS Vertical Mill, S/N BR284225, 2 HP, 9" x 48" Power Feed Table, Power Drawer Bar, BIJUR Lube

(8) **BRIDGEPORT** 2J VS Vertical Mills, S/N BR258655 (Power Drawer Bar), BR258640, BR255329, BR256138, 12BR243115, 225222, 225228 (7" Riser) & 188897, 2 HP, 9" x 42" Power Feed Table, ACU-RITE MILLVISION DRO

ALLIANT 1-1/2 TMV VS Vertical Mill, S/N 73064079, 2 HP, 9" x 42" Power Feed Table

BRIDGEPORT SERIES II Special VS Vertical Mill, S/N 2415S, 2 HP, 11" x 62" Power Feed Table, Mist Unit

LATHES

LEBLOND Regal Engine Lathe, S/N 11E-561, 20" x 76", SS 40-1600 RPM, Inch/Metric Threading, 12" 3-Jaw Chuck, Steady Rest, 17" Face Plate, 15" 4-Jaw Chuck, 3-1/16" Spdl. Hole

LEBLOND MAKINO Regal Servo Shift Engine Lathe, S/N 15C-679, 16" x 54", SS 45-1800 RPM, Inch/Metric Threading, 10" 3-Jaw & 12" 4-Jaw Chucks, 14" Face Plate, Steady Rest, 2-9/32" Spdl. Hole

LEBLOND Regal Engine Lathe, S/N 11C-1066, 16" x 54" w/ ACU-RITE DRO, SS 45-1800 RPM, Inch/Metric Threading, 10" 3-Jaw & 12" 4-Jaw Chucks, Steady Rest, 2-9/32" Spdl. Hole

FEELER FTL-618E Precision Engine Lathe (HARDINGE HLV-H Type), S/N Inch/Metric Threading, Push Button Controls, SS 135-2955 RPM, 6" 4-JawChuck, 5C Quick Change Collet Closer

HARRISON AA VS 330 Engine Lathe, S/N TRVS330072 1141, 13" x 26", SS 35-3000 RPM w/ DRO, Inch/Metric Threading, 6" 4-JawChuck, Steady rest, 5C Collet Spdl.

(2) **HARRISON** M300 Engine Lathes, S/N M300619 & 300438, 13" x 26", SS 58-2500 RPM, Inch/Metric Threading, 6" 3-Jaw Chuck, Steady Rest, 5C Collet Closer

MANEX COPME 2nd Operation Lathe, S/N C/193, 5C Collet Spdl., Twin Tool Compound, 6-Position Turret Tail Stock, SS 120-2000 RPM

DRILLS

CARLTON Radial Arm Drill, S/N 1A4208, 5' Arm x 11" Column, SS 27-1000 RPM, Pair of Twin 48" Angle Plates w/ Milled Table

Quick Change Spdl. w/ Tooling

POWERMATIC 4-Head (2)1150 15" & (2) 1200 20" Drill Press, 24" x 78" Table

SOUTHBEND CD414F 14" Pedestal Drill Press; **CHICAGO** A1-17 17" Bench Drill Press; **ELECTRO-MECHANO** 105W Precision Sensitive Drill Press

GRINDERS

THOMPSON 16CH Hydraulic Surface Grinder, S/N 16CH687683, (4) 20" x 48" Electromagnetic Tables, BALDOR VS Programmable Drive, Incremental Downfeed, TRAVATROL Wheel Dresser, **BARNES DRILL** KLEENALL MPE20 Paper Filter Unit, TORIT MC2000 Dust Collector

THOMPSON 10CH Hydraulic Surface Grinder, S/N 646858, (2) 20" x 60" Magnetic Chucks, Wheel Dresser, **BARNES DRILL** MP15.244.5 Paper Filter Unit, TORIT MC2000 Dust Collector

Assortment of Electromagnetic Swiveling Knife Bar Chucks, Chucks, Parallels, Tables etc.; (30+) **CINCINNATI** 20" Grinding Wheels (still boxed)

BLANCHARD No. 18 Rotary Surface Grinder, S/N 7505, 36" Electromagnetic Chuck, 14" Under Wheel, 25 HP, **Torit** MC2000 Dust Collector

LIVNICA KIKINDA AFC1000A Universal Cylindrical Grinder, 2312, 16" x 42", **MARPOSS** Contact Electronic Gauging System,

(3) **JONES & SHIPMAN** 1300 Universal Cylindrical Grinders, S/N Reconditioned by **ANDAR**, B079575 & B07573, 10" x 27", Tail Stock, Steady Rest w/ attachments

JONES & SHIPMAN 1400 Hydraulic Surface Grinder, S/N B073534, 8" x 24" Permanent Magnetic Chuck

JONES & SHIPMAN 540L Hydraulic Surface Grinder, S/N B092852, 6" x 18" Electromagnetic Chuck

BROWN & SHARPE 618 Micromaster Hydraulic Surface Grinder, S/N 523-6183-6059, 6" x 18" Permanent Magnetic Chuck

BROWN & SHARPE 612 Hand Feed Surface Grinder, S/N 523-612-432, 6" x 12" Permanent Magnetic Chuck

HEALD 161 Rotary Surface Grinder, 11" Round Chuck

ABWOOD RG1 Rotary Surface Grinder, NEEDS REPAIR

CRYSTAL LAKE Cylindrical Grinder

2011 **DAREX** XT3000 Expandable Tool Sharpener, S/N 12007606, LEX150 Countersink, LEX100 X-Y Table, LEX300 90 Degree Attachments, Cabinet & Accs. (Excellent condition)

BLACK DIAMOND 2B Drill Grinder, S/N 18311, 1/16-1/2" Range, Collets & Cabinet

BLACK DIAMOND BW-60 Drill Grinder, S/N 25301, 1/16-1/2" Range

STERLING Drill Grinder, S/N DG5959

SRD DG80M Drill Grinder

KAR-RY Precision (FOREDOM) Saber Belt Grinder, 1" Belt, Rolling Cabinet

BALDOR 522 DE Carbide Grinder, S/N X1212207545

ROCKWELL 23-635 6" & 4438-02-314-0186 8", **BROWN BROCKMEYER** B-LINE 7" & **COLUMBIA** 7330 7" Dbl. End Pedestal Grinders

KALAMAZOO S612 6" Vertical Belt/12" Disc, & **ROCKWELL** 1" Vertical Belt Sanders

SUNNEN MBB-1600 Hone, S/N 41927

SUNNEN Cabinet with Arbors, Stones, Hones etc.

JONES & SHIPMAN 1600 Center Lap, S/N B092877

MAGNA-LOCK HB-872G 6" & 4" and (3) **OS WALKER** TBP Knife Bar (Swiveling) 6" x 36" Electromagnet Chucks; (15) Magnetic Blocks



2007 SODICK AQ900L Wire EDM



1999 SODICK AQ355LH Wire EDM



2011 MITSUBISHI EA12VM Die Sink EDM



2004 MITSUBISHI EA12E Die Sink EDM



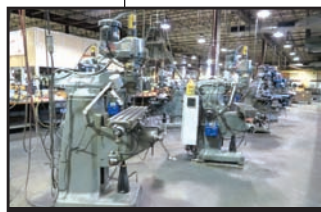
2016 ACER e-Mill 3VK CNC Vertical Mill



BRIDGEPORT & A-TRUMP CNC Vertical Mills



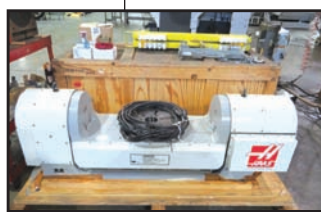
BRIDGEPORT EZ Vision CNC Vertical Mill



Partial View of Vertical Mills



1997 HAAS VF-6 CNC VMC



HAAS TR-310 Rotary Trunnion



HAAS HRT-310 4th Axis Rotary Table

CONTRACT, JOB & PRODUCTION CNC SHOP

PART 2 - LIVE WEBCAST AUCTION: Tuesday, March 16th at 10:30 am EST

SAWS

1998 **DOALL** C-916SA Automatic Swing Angle Horizontal Band Saw, S/N 533-98169, 9" x 16", Hydraulic Feed w/ (2) Vises, Rollers

DOALL 2012-2HS High Speed Vertical Band Saw, S/N 397-79109, 20", 24" x 30-1/2" Table, VS Blade Dial, DBW-15 Blade Welder Grinder

GROB NS 18 18" Vertical Band saw, S/N 9973, 24" x 24" Table, RW-B Blade Welder Grinder

KASTO RACINE UBS 240A Automatic Hack Saw, S/N 123.037 1066/3072, 18", Hydraulic Feed w/ (2) Vises

STONE M750 20" Cut-Off Saw, S/N 0448, 7.5 HP, Manual Clamp

Band Saw Blades

FABRICATION MACHINERY

CINCINNATI 1010 Mechanical Power Squaring Shear, S/N 27498, 10' x 10 GA, ROPBG

NIAGARA IB65-8-10 Mechanical Press Brake, S/N NA, 10' OA, 102" BH, 100 Ton, 3" Stroke, 5" Ram Adjustment, 12" Shut Ht., 8" Throat

DIACRO 17 Ton Hydraulic Press Brake, S/N 6820584951, 48" OA, 36" BH, FOMBG

NIAGARA A-22 OBI Non-Geared Gap Frame Press, S/N 50715, 22 Tons, 2.5" Stroke, 9" Shut Ht. 2" Slide Adjustment, 20" x 12" Bed, 150 SPM, 6" Throat

KR WILSON 37FX 75 Ton Hydraulic Press

TENNSMITH 38" Kick Shear, 16-20 GA., Back Gage, Front Supports

PEXTO 383-D Manual Benchtop Pinch Bending Rolls, 25"

GERVER GB-2 Rotary Hand Bender

BENCHMASTER Bench Top Punch Press

Brake Dies & Punches

FINISHING EQUIPMENT

Laser Marker

VACU-BLAST DRY HONER Console 200-P Blast Cabinet w/ Super Sonic Nozzle, **CYCLONE** Dust Collector, **PANGBORN** CD-1 Dust Collector

TRENT Electric (Tray) Batch Oven, S/N 903-999, 650 Degree F, 6 KW, 24" x 24" Chamber, DRO, ATC-TENOR Timer

BURR-BENCH HV 2016 Portable Vibratory Finishing Machine

(2) **COMCO ACCUFLO** AF10 Micro-Abrasive Blasters w/ (2) Workstations (Blast Cabinets)

(2) **TORIT** VS 1200 Dust Collector Cabinets

EMPIRE TH-1014-6 Ultrasonic SS Cleaner, 500 Watts

ULTRASONIC BT-130H Ultrasonic Cleaner

GRAYMILLS 500-A Parts Cleaning Tank

ELECTRO-MATIC Pass-Through Demagnetizer

BRIDGE CRANES & JIBS

(2) **PHILADELPHIA TRAMRAIL** Single Girder Over Rail 3 Ton Traveling Bridge Cranes w/ P & H BETA HeviLift 3 Ton Traveling Hoist w/ Pendant; 38' Span w/ 196' I-Beam Craneway & Electric Track & 38' Span w/ 133' I-Beam Craneway

MATERIAL HANDLING

TOYOTA 2FB0A25 Electric Sit-Down Fork Lift, S/N 2FBCA25-12094, 4750 LBS CAP., 3- Stage Lift to 188", 5950 hours

CLARK GCS30 LP Cushion Tire Fork Lift, S/N G1381-4-6493, 5,325 LBS Cap., 3 Stage Lift to 188", Side Shifter

CO-ORDINATE MEASURING MACHINES & OPTICAL COMPARATORS

SHEFFIELD CORDAX RS-30 DCC Co-Ordinate Measuring Machine, S/N A-0060, Measurement Processor, **RENISHAW** PH9A Probe, X-40", Y-30", Z-25", PCDMIS

SHEFFIELD Discovery II D-12 CMM, S/N S-0434-0105, **RENISHAW** PH10T Probe w/ PHC-10-2 Controller, Remote Control Joystick, X-20", Y-36", Z-16", Windows XP

JONES & LAMSON EPIC 114 14" Optical Comparator, S/N E62040 w/ QUADRA CHEK 200 DRO

JONES & LAMSON FC-14 14" Optical Comparator, S/N E56055 w/ QUADRA CHEK 200 DRO

AIR CLEANERS

(4) **SMOG HOG** SH-20 PE Air Cleaner

PART 1-ONLINE AUCTION

KONESCRAVES Air Technical JCPRTII212 Pedestal w/ Iron Skid Platform w/ 360 Degree 12' 1/2 Ton Jib w/ CM 1/2 Ton Hoist

SPANCO MET-TRACK 250 LB Cap. Pedestal w/ 7' Rotating Jib

SPANCO 350 LB Cap. Pedestal w/ 7' Rotating Jib w/ **COFFING** 1 Ton Hoist

(3) **ABELL-HOWE** 1/2 Ton 18' Jib w/ (2) **WRIGHT-WAY** 1 TON Hoists & **DAYTON** 500 LB Hoist

SPANCO 1/2 Ton 10' Jib w/ 1/2 Ton Hoist

(2) **SPANCO** 1/2 Ton 15' Jib w/ **COFFING** 1 & 1/2 Ton Hoists

GORBEL 1/2 Ton 15' Jib w/ **JET** 1/2 Ton Hoist

1/4 Ton 13' & 6' Jibs w/ 1/8 Ton Hoist

MATERIAL HANDLING

HERCULES mdl. 6700 KI-160 Mobile Maintenance Platform w/ Fork Pockets

HITACHI BLM-50 Magna-Lift Magnet, 5000 LBS Cap., & **MAG MATE** 1300 LB Lifting Magnets

ENERSYS 6000 LB 44" Spreader Beam; 5' Spreader Beam

STRATTON 2 Ton Hydraulic Shop Crane w/ Mobile Steering Base

INSPECTION & QUALITY CONTROL- (Part 1)

WILSON ROCKWELL 4JR Hardness Tester, S/N 8952 982

(20) **PRECISION** Granite Surface Plates-**STARRETT** Pink & Asst. Gray: 36" x 72" x 10", 30" x 60" x 8", 36" x 24" x 4-1/2", 36" x 24" x 7", 36", 24" & 18" x 12", 24" & 36" x 3"-5"

OLYMPUS SZ-PT, **MEIJI** EMZ & **UNITRON** ZSB Microscopes

LENEX INSTRUMENT: 414-0073/2 Video Borescope; VC35 w/ 24" Digital Height Gage, 2 Monitors & Color Video Camera Module; 7E080QV-44050 Swing Prism Rigid Borescope, 8 mm(.315"), 17" length w/ 10515K-0002 CCTV Package

YSC Freescope FS-8 Hi-Resolution Scope w/ Telescopic Arm, **SONY** LMD-1410 Monitor, 4x-167x Magnification

DINO LITE Digital Microscope

TAYLOR HOBSON Surtronic 25 & **RANK TAYLOR** **HOBSON** Surtronic 3P Surface Indicators

MITUTOYO & **STARRETT** Digital Height Gages; **MITUTOYO**, **STARRETT** & **BROWN & SHARPE** Anvil, Blade, Disc, Screw Thread, Digital & Outside, Inside & Depth Micrometers, Vernier Calipers, Standards; **FEDERAL** Snap Gages; **SUNNEN** PG-800-S Precision Hole Gage, Gage Setting Fixtures & Bore Gages; **BROWN & SHARPE** & **MITUTOYO** Intrimiks w/ Standards & Holtest; Indicators, Caliper Gages, Chamfer Gages, Parallels, 1-2-3 Blocks, V-Blocks, Precision Blocks, Gage Blocks, Pin Gages, Radius & Hole Gages, Ring, Thread & Go-NoGo Gages, K & K Versa Gage; Angle Plates

HERMAN SCHMIDT Compound Sine Table & Sign Plates; 22" x 20" Sine Plate

AMERICAN Cystoscope Makers w/ **WAPPLER** Diagnostic Light Controller; **THERMOLYNE** PM20700 Digital Pyrometer; **NSK** IC300 RG-OIT HS Hand Piece, Rotus III IM 301; Precision Vises, Angle Plates; SPI 19" x 32" & Assorted Bench Centers



1998 DOALL C916SA Auto-Swing Angle Horizontal Band Saw



DOALL 2012-2H3 HS Vertical Band Saw



CINCINNATI 1010 Mechanical Squaring Shear



NIAGARA IB 65-8-10 Mechanical Press Brake



NIAGARA A-22 OBI Non-Geared Gap Frame Press



KASTO RACINE UBS 240A Auto Hack Saw



CARLTON 5'x11" Radial Arm Drill



JONES & LAMSON EPIC 114 Optical Comparator w/ QUADRA CHEK 200



SHEFFIELD Discovery 11 CMM



SHEFFIELD Cordax RS-30 DCC CMM

CONTRACT, JOB & PRODUCTION CNC SHOP

PART 1-ONLINE AUCTION

Bidding opens Mon., March 1st at 9:00 am EST,
Begins closing Thurs., March 18th 12:00 noon

MISCELLANEOUS AND SUPPORT EQUIPMENT

2015 **KELAN** C KCF-10W Fiber Laser Marker w/ Pedestal Stand & Laptop

(32) **VIDMAR** Assorted (15 to 6 Drawer) Tool Cabinets; (8) **VIDMAR** 30" Shelf Units (some with Top Drawer); **VIDMAR** 36" X 60" Butcher Block Bench w/ 4-Drawer Pedestal; (2) **VIDMAR** Cabinets w/ Tool Holder Drawers & Tooling Drawers

(7) **LISTA** 56" Sliding Door Cabinets w/ (3) Tool Holder Drawers & Tooling Drawers (1 w/ casters); **LISTA** 28" Dbl. Double Cabinet w/ Tool Holder Drawers; **LISTA** 5-Drawer Mobile Tool & 8-Drawer Tooling Cabinets; **LISTA** CAT 50 Tool Holder Cart 10' to 4' Butcher Block Tops

(13) **EQUIPTO** 36" 11-Drawer Cabinet;
(10) **NUMERIDEX** 38" 4-Drawer Cabinets

MAGNA-LOCK HB-872G 6' & 4' and (3) **OS WALKER** TBP Knife Bar (Swiveling) 6" x 36" Electromagnet Chucks; (15) Magnetic Parallels

SUBURBAN DMB 1218 & (2) **KANETSU** 6" x 18" Permanent Magnetic Chucks; Rotary Tables, Sine Plates up to 22" x 20", **HARTFORD** Super Spacers, Dividing Heads, **HARIG** Step Tool Relief Grinding Fixture, **AIR-FLO** Fixture & GRIND-ALLS; **WELDON** 200 End Mill Fixture, Radii & Angle Dressers, **ENGIS** Diaform Wheel Dresser, Magnetic Round Chucks, Grinding & Diamond Wheels, Abrasive Paper, Belts, Wheels, Flap Wheels, Points, Polishing Stones, Hand Files, **SUNNEN** Hones, Stones Arbors & Cabinet & more

(40) **KURT** PT800A, D810, D40, 3600V & D60 Milling Vises & SDW35 Side Winder, (6) **BRIDGEPORT** & **MISC.** 6" TO 8"; **BRIDGEPORT** & **VOLSTRO** Right Angle & Quill Heads, Offset Milling Attachment, **BROWN & SHARPE** Right Angle Grinding Head Attachment, **DUMORE** Tool Post Grinder, Tapping Heads, Drill Chucks, Quick Change Tapping Tools, Boring Heads, 5C & R8 Collets, **MITUTOYO** DRO 2-Axis Digital Linear Scale & Readout; **SERVO** Type 150 & **ACU-RITE** rebuilt DRO's; Hold-down Hardware; (12) HD Bench Vises; **ALORIS** Tool Posts, Lathe Tools, Boring Bars, **CARBIDE** Inserts, Carbide & Hi-Speed Drills, Letter, # & Fraction, aTaps, End Mills, Reamers, Counter Bores & Sinks, Face Mills & Cutters, Slitting Saws, Gun Drills, 100+ Aluminum Tool Stands, **ELLIOT** Burnishing Tools, Shim Stock & more; 3, 4 & 6 Jaw Chucks (for Rotary Tables), Collet Spindles for CNC Lathes, Attachments for Trunnion & Rotary Tables

(900) CAT 50 & 40 Tool Holders w/ Drill Chucks, Boring Heads, Quick Change Tap Holders, Collet Holders, Face & End Mills, Pointing Tools, **HARDINGE** 3J, DA200, #10, ER 30 & 40 & Asst., Collets

(60) Shop Top Work Benches (clean) w/ Back Stops, (30) Butcher Block & Shop Top Table Tops, **GLOBAL** 36" x 72" Wood Top Mobile Bench, (10) **HALLOWELL** Multi-Drawer Pedestals, Mobile Shop Cabinets, (40) HD Multi-Tier Iron Carts w/ HD Casters 4' & 6', (2) HD I-Beam Dollies W Locking Levelers, (11) 5' Live Skids, (30) Sections Adjustable Shelf Steel Shelving Units, Pallet & Cantilever Racking, (23) Metal Frame w/ Plexi-Glass Dividers, Shop Stools, Pedestal & Wall Mount Fans, Double Door Supply Cabinets

3R Combi & Macro Chucks, Drawbars, Pallets & more; Brake Dies; Punches & Dies

Power & Hand Tools, **FOREDOM** Power Unit & HS Hand Piece, Extension Cords, Air Lines & Guns, Magnifying Bench lights, Grease Guns, Open, Box & Pipe Wrenches, Allen Keys, C & Kantwist Clamps, Rivetters, Steel Strapping Dispenser, Dock Plates, Oxy-Acetylene Burning Outfit, **PACKAGING-MARSH** S 3/4" Stencil Maker & TD2100 Tape Machine, **ULINE** H306 15" & **PACKRITE** Thermo-Jaw Foot Impulse Sealers, Packing Tables, Boxes etc

OFFICES

SHARP MX-3140 Color G3 Multi-Function Unit, Computers, Monitors, Printers, Conference Furniture, Executive, Sales, and Engineering Furniture, Seating, Files and more



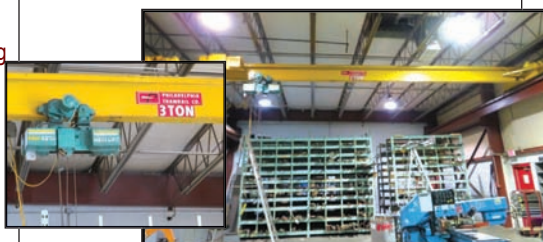
KONECRANES 360° Rotating Pedestal Crane w/ Iron Skid Platform w/ Hoist



Partial View of Jib Cranes



Partial View of Precision Granite Surface Plates



1 of 2 PHILADELPHIA TRAMRAIL 3-Ton Bridge Cranes w/ P&H Hevi-Lift Hoist Part 1



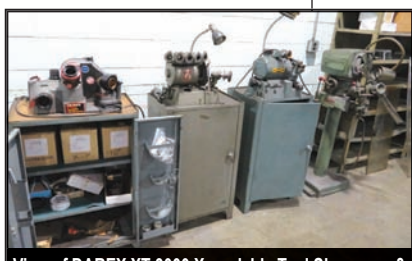
JONES & SHIPMAN mdl. 1300 (Rebuilt by ANDMAR) Universal Cylindrical Grinder



View of VIDMAR Tool Crib & Measuring Tools



BRIDGEPORT 2-Axis CNC Vertical Mill



View of DAREX XT 3000 Xpandable Tool Sharpener & Black Diamond Drill Grinders



TRENT 6 kw Electric Batch Oven 2/ DRO



SOWON High-Power Induction Heater (for Sink Tools)

CONTRACT, JOB & PRODUCTION CNC SHOP

PART 1- ONLINE AUCTION

Bidding opens Mon., March 1st at 9:00 am EST,
Begins closing Thurs., March 18th 12:00 noon



View of LISTA Tool Holder Sliding Door Cabs



Partial View of CAT 40/50 Tool Holders



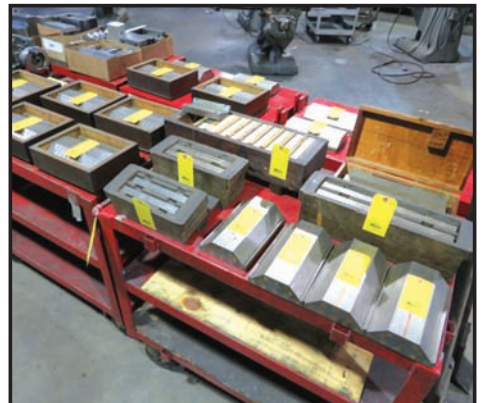
View of SUNNEN Hone & Cabinet w/ Supplies



View of Bench Vises & HD Multi-Tier Carts



Partial View of Kurt Vises



View of Magnetic Parallels



Partial View of CAT 40/50 Tool Holders



Partial View of CAT 40/50 Tool Holders



Partial View of CAT 40/50 Tool Holders



View of Swiveling Knife Bar & Electro Magnetic Chucks



View of Abrasive Supplies



View of C-Clamps

PART 1 - ONLINE AUCTION

Bidding opens Mon., March 1st at 9:00 am EST, Begins closing Thurs., March 18th 12:00 noon



OKK MCV.50 CNC VMC



OKK MCV-500 & MCV-620 CNC VMC's



OKK MCV-520 Twin Spdl. CNC VMC



THOMPSON Mdl. 16CH Hydraulic Surface Grinder, w/16' Electro-Magnetic Chuck



THOMPSON mdl. 10CH Hydraulic Surface Grinder w/12' Electro-Magnetic Chuck



BLANCHARD 18-36 Rotary Surface Grinder



LEBLOND 11C 16x54 Engine Lathe



LEBLOND MAKINO 15C Servo Shift Engine Lathe



FEELER FTL-6181 Precision Tool Room Engine Lathe



LEBLOND 11E 20x76 Engine Lathe



HARRISON AAVS 330 Engine Lathe w/ RPM DRO



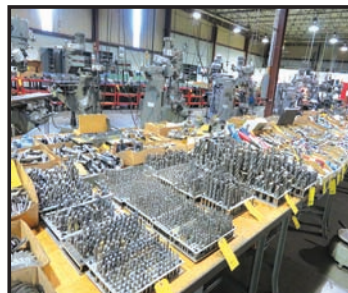
LIVNICA KIKINDA AFC-1000A Universal Cylindrical Grinder



JONES & SHIPMAN mdl. 1300 Universal Cylindrical Grinder



Partial View of Tooling



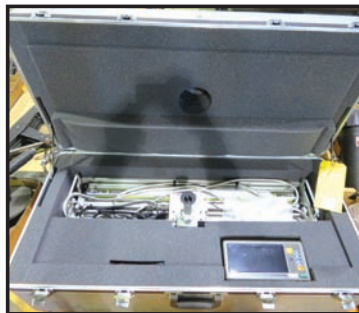
Partial View of Tooling



Partial View Carbide Inserts



Partial View Carbide Tooling



MITUTOYO DRO Scales



View of Machine Accessories



View of Grinding Fixtures