



Metal Ceramics Auction Buyer's Guide

110 Gateway Rd.
Bensenville, IL 60106

Auction

Wednesday, September 21, 2022 @ 10:00 am, CT

Inspection

Tuesday, September 20, 2022
9:00 am – 4:00 am, CT

WEBCAST ONLY

IMPORTANT INFORMATION

BUYER'S PREMIUM: Online buyers will be charged an 18% buyer's premium.

PAYMENT INFORMATION: Everything is being sold for cash on an "AS IS", "WHERE IS" basis without warranties expressed or implied. All payments must be made by **Wire Transfer, ACH Transfer, Cash, Money Order, Cashier's Check, or Company Check. Company checks are only acceptable if accompanied by a bank letter of guarantee.**

ALL INVOICES MUST BE PAID UPON RECEIPT: Any merchandise not paid for by this time will be considered abandoned and may be resold by the auctioneer, any loss incurred in the resale to be borne by the original buyer.

SALES TAX: All sales subject to state and local sales tax of 8.00 % where applicable. Sales tax will be charged on the total purchase price of an item, which includes the buyer's premium. If tax exempt, buyer will be required to complete the tax-exempt form for the state that the auction is being held.

REMOVAL: All items must be removed by Tuesday, October 4, 2022 by 4:00 pm, CT at which time our representative will leave the premises. All items remaining after this time **WILL BE** considered abandoned.

CHECKOUT/REMOVAL HOURS (WITH PAID IN FULL INVOICE):

Thursday, September 22, 2022 – Tuesday, October 4, 2022

Monday - Friday 8:00 am - 4:00 pm

Weekends by appointment only

NO MERCHANDISE MAY BE REMOVED WHILE THE SALE IS IN PROGRESS! ALL BIDDERS MUST COMPLY WITH OUR CUSTOMARY "TERMS OF SALE" COPIES, WHICH ARE ATTACHED TO THIS CATALOG, AS WELL AS THROUGHOUT THE PREMISES.

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PPL AUCTIONS – General Terms of Sale

NOTICE: ALL BIDDERS AND OTHER PERSONS ATTENDING AUCTION SALES AGREE THAT THEY HAVE READ AND HAVE FULL KNOWLEDGE OF THESE TERMS AND AGREE TO BE BOUND THEREBY.

1. **REGISTRATION:** TO REGISTER LOGIN TO WWW.BIDSPOTTER.COM AND SEARCH FOR THE AUCTION YOU WISH TO PARTICIPATE IN (CONTROL + F). ONCE YOU LOCATE THE AUCTION, CLICK THE “SIGN UP” BUTTON. IF YOU HAVE REGISTERED WITH BIDSPOTTER IN THE PAST, ENTER YOUR USERNAME AND PASSWORD. IF YOU HAVE NEVER USED BIDSPOTTER, CLICK ON THE ‘REGISTER’ BUTTON. ENTER THE REQUIRED CONTACT INFORMATION AND SELECT A USERNAME AND PASSWORD AND SUBMIT FORM. YOU WILL RECEIVE AN EMAIL CONFIRMATION OF YOUR REGISTRATION FOR THE AUCTION WITH YOUR BIDDER PADDLE NUMBER. YOU WILL ALSO RECEIVE AN APPROVAL EMAIL FROM THE AUCTION HOUSE ONCE APPROVED. ON THE DATE OF THE AUCTION, LOGIN TO BIDSPOTTER WITH YOUR USERNAME AND PASSWORD. YOU WILL BE ABLE TO VIEW A PHOTO OF EACH LOT WHILE LISTENING TO THE LIVE AUDIO (IF AVAILABLE). BIDDERS ARE RECOMMENDED TO REGISTER 48 HOURS PRIOR TO THE SALE TO AVOID ANY ISSUES THAT MAY OCCUR.
2. **PAYMENT:** ITEMS MUST BE PAID IN FULL UPON RECEIPT OF INVOICE. A BUYER'S PREMIUM OF 18% FOR ON-LINE BIDDERS WILL BE APPLIED TO YOUR INVOICE IN ADDITION TO THE SALES PRICE. SALES TAX WILL BE CHARGED ON THE TOTAL PURCHASE PRICE OF AN ITEM, WHICH INCLUDES THE BUYER'S PREMIUM. THE BUYERS PREMIUM MAY CHANGE WITH EACH INDIVIDUAL AUCTION. ALWAYS REFER TO THE INDIVIDUAL TERMS WITH EACH OF OUR AUCTIONS. BUSINESS CHECKS WILL NOT BE ACCEPTED WITHOUT A LETTER OF GUARANTEE FROM YOUR BANK. NO MERCHANDISE WILL BE RELEASED UNTIL INVOICE IS FULLY PAID.
3. **TAXES:** PRICES MAY NOT INCLUDE ANY FEDERAL, STATE, OR LOCAL TAXES, WHICH ARE IN ADDITION TO THE PURCHASE PRICE AND MUST BE PAID BY PURCHASER. SALES TAX WILL BE CHARGED ON THE TOTAL PURCHASE PRICE OF AN ITEM, WHICH INCLUDES THE BUYER'S PREMIUM. MACHINERY AND EQUIPMENT USED IN THE MANUFACTURING OR ASSEMBLY OF TANGIBLE PERSONAL PROPERTY FOR WHOLESALE OR RETAIL SALE ARE EXEMPT FROM TAX IN THE STATE OF ILLINOIS. OTHERWISE PURCHASER MUST FURNISH A TAX EXEMPTION CERTIFICATE, ANY SALES, USE, EXCISE, OR OTHER SIMILAR TAX, WHERE APPLICABLE, SHALL ALSO BE THE RESPONSIBILITY OF PURCHASER AND MAY, AT THE ELECTION OF PPL, BE ADDED TO THE QUOTED PURCHASE PRICE AND INVOICED BY PPL TO PURCHASER. THE FAILURE OF PPL TO INVOICE SUCH TAXES DOES NOT EXCUSE THE PURCHASER FROM RESPONSIBILITY FOR PAYING SAME. WHEN A SALE IS IN A STATE OTHER THAN THE STATE OF ILLINOIS, THERE WILL BE SPECIFIC INFORMATION RELATIVE TO THE SALES TAX RATES AND ANY EXEMPTION TO THE SPECIFIC AUCTION SALE AND WILL BE POSTED WITH EACH INDIVIDUAL AUCTION SALE ON OUR WEB SITE.
4. **REMOVAL:** EACH AUCTION WILL HAVE SPECIFIC INFORMATION RELATIVE TO THE TIMES OF REMOVAL. ALL ITEMS MUST BE OFF THE PREMISES BY A SPECIFIC TIME AND DATE. ALL ITEMS REMAINING AFTER THE SPECIFIED TIME WILL BE CONSIDERED ABANDONED.
5. **LIABILITY:** PURCHASES MAY BE REMOVED ONLY ON PRESENTATION OF PAID BILL. REMOVAL SHALL BE AT THE EXPENSE, RISK AND LIABILITY OF THE PURCHASER. AUCTIONEER SHALL NOT BE RESPONSIBLE FOR GOODS NOT REMOVED WITHIN THE TIME ALLOWED, BUT SHALL HAVE THE OPTION TO REMOVE AND STORE AT THE EXPENSE AND RISK OF THE PURCHASER ANY ARTICLE PURCHASED, BUT NOT PAID FOR AND REMOVED WITHIN THE TIME AFORESAID. A CERTIFICATE OF INSURANCE IS REQUIRED FOR ALL RIGGERS AND SHOULD BE PRESENTED TO PPL GROUP LLC AT THE AUCTION SITE. IF YOU INTEND TO DO YOUR OWN RIGGING AND USE A POWERED VEHICLE IN THE PROCESS, YOU MUST HAVE A CERTIFICATE OF INSURANCE. CONTACT PPL GROUP LLC FOR INSURANCE REQUIREMENTS FOR SPECIFIC AUCTION. IF YOU CAN MOVE YOUR PURCHASES BY HAND OR WITH A NON-POWERED ITEM, SUCH AS A CART, YOU DO NOT NEED TO PRESENT US WITH A CERTIFICATE OF INSURANCE. PPL GROUP LLC IS NOT A RIGGING COMPANY AND THEREFORE WILL NOT BE ABLE TO HELP WITH ANY RIGGING.
6. **MANNER OF PAYMENT:** ALL CHECKS FOR DEPOSIT AND BALANCES DUE SHALL BE PAYABLE TO THE ORDER OF PPL GROUP LLC. ALL BILLS MUST BE PAID TO REPRESENTATIVES OF THE AUCTIONEER AT THE FACILITY UNLESS OTHERWISE ANNOUNCED. THE FULL PURCHASE PRICE ON ALL LOTS SOLD TO THE SAME BUYER MUST BE PAID WITHIN THE TIME FIXED AND BEFORE REMOVAL OF ANY OF THE GOODS.
7. **ISSUANCE OF TITLE:** TITLES RELATIVE TO TITLED ASSETS PURCHASED WILL BE MAILED TO THE PURCHASER'S ADDRESS ON FILE AFTER PAYMENT HAS BEEN RECEIVED AND CLEARED.
8. **CONDITION OF ARTICLES SOLD:** NEITHER THE AUCTIONEER NOR THE SELLER SHALL BE RESPONSIBLE FOR THE CORRECT DESCRIPTION, GENUINENESS, AUTHENTICITY OF, OR DEFECT IN ANY LOT, AND MAKES NO WARRANTY IN CONNECTION

THEREWITH. NO SALE SHALL BE SET ASIDE NOR ALLOWANCE MADE ON ACCOUNT OF ANY INCORRECTNESS, ERROR IN CATALOGING, OR ANY IMPERFECTION NOT NOTED. NO DEDUCTION ALLOWED ON DAMAGED ARTICLES, ALL ARTICLES BEING EXPOSED FOR PUBLIC EXHIBITION, AND SOLD "AS IS" AND WITHOUT RECOURSE. ARTICLES ARE NOT WARRANTED AS MERCHANTABLE OR FIT FOR ANY PARTICULAR PURPOSE, AND NO CLAIM MAY BE MADE BY PURCHASER RELATING TO THE CONDITION OR USE OF ARTICLES PURCHASED OR FOR PROXIMATE OR CONSEQUENTIAL DAMAGES ARISING THEREFROM.

9. **SAFETY DEVICES:** ARTICLES PURCHASED MAY NOT INCORPORATE APPROVED ACTIVATING MECHANISMS, OPERATING SAFETY DEVICES OR SAFETY GUARDS, AS REQUIRED BY OSHA OR OTHERWISE. IT IS PURCHASER'S RESPONSIBILITY THAT ARTICLES PURCHASED BE SO EQUIPPED AND SAFEGUARDED TO MEET OSHA AND ANY OTHER REQUIREMENTS BEFORE PLACING SUCH ARTICLES INTO OPERATION.

10. **INDEMNIFICATION:** PURCHASER SHALL DEFEND AND INDEMNIFY AND HOLD AUCTIONEER AND SELLER HARMLESS FROM AND AGAINST ALL CLAIMS AND LIABILITIES RELATING TO THE CONDITION OF, REMOVAL OF, OR USE OF THE ARTICLES PURCHASED OR FAILURE OF USER TO FOLLOW INSTRUCTIONS, WARNINGS OR RECOMMENDATIONS OF THE MANUFACTURER, OR TO COMPLY WITH FEDERAL, STATE, AND LOCAL LAWS APPLICABLE TO SUCH ARTICLES, INCLUDING OSHA REQUIREMENTS, AND ENVIRONMENTAL PROTECTION AGENCY REQUIREMENTS, OR FOR PROXIMATE OR CONSEQUENTIAL DAMAGES, COSTS OR LEGAL EXPENSES ARISING THEREFROM.

11. **CLAIMS:** NO CLAIMS WILL BE ALLOWED AFTER REMOVAL OF GOODS FROM PREMISES OR LEFT ON PREMISES PAST ALLOWED TIME LIMIT.

12. **RESPONSIBILITY FOR NON-DELIVERY:** NEITHER THE AUCTIONEER NOR THE SELLER, IN ANY EVENT, SHALL BE LIABLE FOR NON-DELIVERY OR FOR ANY OTHER MATTER OR THING, TO ANY PURCHASER OF ANY LOT, OTHER THAN FOR THE RETURN TO THE PURCHASER OF THE DEPOSIT OR SUM PAID ON SAID LOT, SHOULD THE PURCHASER BE ENTITLED THERETO.

13. **COMPLIANCE WITH TERMS OF SALE:** IN DEFAULT OF PAYMENT OF BILLS IN FULL WITHIN THE TIME THEREIN SPECIFIED, THE AUCTIONEER IN ADDITION TO ALL OTHER REMEDIES ALLOWED BY LAW MAY RETAIN ALL MONIES RECEIVED AS DEPOSIT OR OTHERWISE, AS LIQUIDATED DAMAGES. LOTS NOT PAID FOR AND REMOVED WITHIN THE TIME ALLOWED HEREIN MAY BE RESOLD AT PUBLIC OR PRIVATE SALE WITHOUT FURTHER NOTICE, AND ANY DEFICIENCY, TOGETHER WITH ALL EXPENSES AND CHARGES OF RESALE INCLUDING LEGAL FEES, WILL BE CHARGED TO THE DEFAULTING PURCHASER.

14. **RISK TO PERSON AND PROPERTY:** PERSONS ATTENDING DURING EXHIBITION, SALE OR REMOVAL OF GOODS ASSUME ALL RISKS OF DAMAGE OF OR LOSS TO PERSON AND PROPERTY AND SPECIFICALLY RELEASE THE AUCTIONEER AND SELLER FROM LIABILITY THEREFORE. NEITHER THE AUCTIONEER NOR HIS PRINCIPAL SHALL BE LIABLE BY REASON OF ANY DEFECT IN OR CONDITION OF THE PREMISES ON WHICH THE SALE IS HELD.

15. **ADDITION TO OR WITHDRAWAL FROM SALE:** THE AUCTIONEER RESERVES THE RIGHT TO WITHDRAW FROM SALE ANY OF THE PROPERTY LISTED OR TO SELL AT THIS SALE PROPERTY NOT LISTED, AND ALSO RESERVES THE RIGHT TO GROUP ONE OR MORE LOTS INTO ONE OR MORE SELLING LOTS OR TO SUBDIVIDE INTO TWO OR MORE SELLING LOTS. WHENEVER THE BEST INTEREST OF THE SELLER WILL BE SERVED, THE AUCTIONEER RESERVES THE RIGHT TO SELL ALL THE PROPERTY LISTED, IN BULK.

16. **SALE BY ESTIMATED WEIGHT, COUNT OR MEASURE:** WHEN ITEMS ARE SOLD BY ESTIMATED WEIGHT, COUNT OR MEASURE, THE PURCHASER WILL BE BILLED FOR AND REQUIRED TO PAY FOR THE ESTIMATED WEIGHT, COUNT OR MEASURE. IF, UPON DELIVERY, ANY SHORTAGE EXISTS, THE PURCHASER WILL RECEIVE A REFUND AT THE RATE OF PURCHASE. IF THERE BE AN EXCESS, THE PURCHASER WILL BE REQUIRED TO TAKE AND PAY FOR SUCH EXCESS, AT THE RATE OF PURCHASE. (SEE PARAGRAPH 4 FOR TIME AND GUARANTEE LIMITATION.)

17. **DISPUTE BETWEEN BIDDERS:** IF ANY DISPUTE ARISES BETWEEN TWO OR MORE BIDDERS, THE AUCTIONEER MAY DECIDE THE SAME OR PUT THE LOT UP FOR SALE AGAIN AT ONCE, AND RESELL TO THE HIGHEST BIDDER. THE AUCTIONEER'S DECISION SHALL BE FINAL AND ABSOLUTE.

18. **RESERVE:** THE AUCTIONEER RESERVES THE RIGHT TO REJECT ANY AND ALL BIDS. ON LOTS UPON WHICH THERE IS A RESERVE, THE AUCTIONEER OR HIS ASSIGNED AGENTS, SHALL HAVE THE RIGHT TO BID ON BEHALF OF THE SELLER.

19. **RECORDS:** THE RECORD OF SALE KEPT BY THE AUCTIONEER AND BOOKKEEPER WILL BE TAKEN AS FINAL IN THE EVENT OF ANY DISPUTE.

20. INDEPENDENT CONTRACTOR: THE AUCTIONEER IS ACTING AS AN INDEPENDENT CONTRACTOR ONLY AND IS NOT RESPONSIBLE FOR THE ACTS OF ITS PRINCIPALS OR SELLERS.

21. ADDITIONAL TERMS AND CONDITIONS: THE AUCTIONEER MAY ADD OTHER TERMS AND CONDITIONS OF SALE, SUCH ADDITIONAL TERMS AND CONDITIONS TO BE ANNOUNCED PRIOR TO THE AUCTION AND ALSO POSTED WITH THE SPECIFIC AUCTION.

This catalogue on the following pages is meant merely as a guide. The auctioneer does not warrant the genuineness, accuracy or count of any items described herein.

Lot Number	Description
1	LOT: Assorted Taper Shank, Drill Bits & Lathe Centers
2	LOT: Assorted Drill Bit Indexes, Drill Doctor Sharpener
3	LOT: Assorted End Mills
4	LOT: Assorted Boring Bars, Lathe Insert Cutters & Small Boring Heads
5	LOT: Assorted Carbide Inserts
6	LOT: Assorted 5C Collets
7	LOT: Assorted 5C Collets
8	LOT: Assorted Spring Collets
9	LOT: (4) Jacobs Taper Shank Drill Chucks
10	LOT: (6) Jacobs Taper & Straight Shank Drill Chucks
11	LOT: Assorted R8 Tooling
12	LOT: (2) Lathe Tool Posts
13	LOT: Assorted Hand Tools, Bearing Puller, Spring Tester
14	LOT: (2) Melting Pots, (5) Boxes of Green Wax
15	LOT: (2) Melting Pots, (5) Boxes of Red Wax
16	Duro Dyne Pinspotter
17	Gesswein Ultra Max Rotary Tool w/Accessories
18	PTA Flexible Shaft Grinder
19	PTA Flexible Shaft Grinder
20	DME Flexible Shaft Profiler
21	Engis Flexible Shaft Profiler
22	LOT: (2) Pneumatic Ultrasound Grinders
23	LOT: (2) Pneumatic Ultrasound Grinders
24	LOT: (4) Drill Bit Indexes w/Bits
25	Hydac Accumulator Charging Unit
26	Whistler Inspection Camera w/Color LCD Monitor
27	Rolling Double Stack Machinist Tool Box

28	Rolling Double Stack Machinist Tool Box
28A	Vintage H. Gerstner Machinists Tool Box
28B	Vintage H. Gerstner Machinists Tool Box
28C	Vintage H. Gerstner Machinists Tool Box
28D	Vintage H. Gerstner Machinists Tool Box
29	Waterloo 2-Hole Reach-In Blast Cabinet
30	Leeson 2HP Buffer
31	Delta 6" Tilt Table Belt Sander
32	Baldor 6" Double End Carbide Grinder
33	Steel Cabinet w/Duracraft 10" 2HP Double-End Grinder & Craftsman 6" Double-End Grinder
34	Kwik Way 14" OD Grinder
35	Garden Tool Cutter Sharpener
36	36" Manual Sheet Metal Brake
37	48" Manual Sheet Metal Brake
38	36" Pexto Kick Shear
39	Ridgid 535 Threader w/Attachments
40	Ridgid Threading Head
41	Craftsman 12" Band Saw
42	Clausing Model 1266 Drill Press on Rolling Hand Crank Lift Table w/Vise
43	Everett 10" Cut-Off Saw
44	Steel Wheel Torch Cart w/Gages, Hose & Torch "No Bottles"
45	LOT: Assorted Gages, Hoses, Torches
46	Amp Welding Systems Alpha-Tig 200x Tig Welder
47	Ramsond 30ODY Plasma Cutter
48	Leten 1000 Model LCM-1000 Vertical Band Saw w/40" Throat, Blade Welder & Fabricated 70" x 48" Custom Table
49	Grob Vertical Band Saw w/18" Throat, 24" x 24" Tilting Table & Blade Welder
50	Kalamazoo Horizontal Band Saw Steel Cutting w/Work Stands

51	Fadal Model 914-15 CNC VMC 15XT, 36" x 16" Table, Extended Travels: 30" x 16" x 20", Cat 40, 21 ATC, 6.5" 4-Jaw Chuck, 400 ipm Rapid Federate, Max Wt. 750 lb. Max 7,500 RPM, CNC 88 HS Controls, 7.5 HP, S/N 9706184 (Horizontal 4th Axis Indexer w/6" 4-Jaw Chuck NOT INCLUDED)
52	Horizontal 4th Axis Indexer w/6" 4-Jaw Chuck
53	LOT: Tooling Cart w/Assorted Cat 40 Tooling & ER Collets, Tap Holders & Tool Changing Fixture
54	32" x 15" Hydraulic Rotating Machining Fixture
55	Acra CNC Mill Model AM-3V CNC Automation System M3X, 54" x 10" T-Slot Table Power Feed 5000 RPM, 3HP, S/N 990448
56	Shop Fox Model M1006 Mill 2.2kw 60-4200 RPM, 54" x 10" T-Slot Table, Power X Shop Fox 3-Axis DRO Power Drawbar, S/N A70980
57	Bridgeport Vertical Mill 80-2720 RPM, 42" x 9" T-Slot Table, Power X Mitutoyo 2-Axis DRO, S/N BR33311
59	Fosdick Drill, 24" x 24" Table
60	Pratt & Whitney NO 2A Jig Borer M-1620 Anilam 2-Axis DRO, 22" x 45" Table, S/N 688 "No Vise"
61	Sunnen Hone Model MBC1802 w/(2) Rotating Racks, S/N 82398
62	Sunnen Hone Model MB625 w/Tooling
63	LOT: Large quantity of Sunnen Stones, Mandrels & Accessories
64	Bridgeport Drill Press, 32" x 9" Table
65	Clausing w/(2) Gang Head Drills on Steel Table
66	Bridgeport Drill Press, 32" x 9" Table
67	Moore Jig Drill, 16" x 10" Table
68	Eron Lock-Tight 10" Machine Vise
69	Kurt 6" Machine Vise
70	Kurt 6" Machine Vise
71	Kurt 6" Machine Vise
72	6" Machine Vise
73	6" Machine Vise
74	LOT: (2) Machine Vises
75	4" Jaw Pneumatic Vise
76	4" Jaw Vertical & Horizontal V-Block Vise
77	10" Vertical & Horizontal M & M Powered Magnetic Turn Table
78	6-1/4" T-Slot Rotary Turntable

79	LOT: (2) 8" Vertical Mounted Chucks, (1) 6" Vertical Mounted Chucks
80	Shars Adjustable Tail Stock
81	Omni turn GT75 Gang Tool Lathe Series III Model OT-CNC Control w/Accessories, S/N 2565G35
82	Romi Bridgeport CNC Lathe Model EZ Path S, 8" 3-Jaw Chuck, 18" x 42" Capacity, 2" Bore Centroid Control, S/N 002-083085-363
83	Kent Lathe Model KLS-1540, 15" x 40" Capacity, 10" 3-Jaw Chuck, Tailstock Tool Post Steady Rest, 2-Axis DRO, w/Charge Gears S/N 92021
84	6 Pin 12-1/2" 4-Jaw Lathe Chuck
85	6 Pin 8" 6-Jaw Lathe Chuck
86	LOT: (3) 6 Pin Faceplates, 15-1/2", 9-1/2", 8"
87	Enco Geared Head Lathe Model 110-2075, 12" x 36" Capacity, 6" 3-Jaw Chuck, Tailstock Tool Post, S/N 2564
88	LOT: 8" 4-Jaw 3 Pin Lathe Chuck, 10" 3 Pin Face Plate
89	Chevalier 8" x 18" Surface Grinder Model FSG-3A 818
90	Mitsui 6" x 12" Surface Grinder w/Electro Matic Magnetic Chuck Control, Model 200 MH
91	MHT 6" x 12" Surface Grinder w/Mitutoyo 2-Axis DRO, Chen Chuck Control
92	MHT 6" x 18" Surface Grinder
93	Boyar Schultz HR612 Surface Grinder, Minatron Mag Chuck
94	Brown & Sharpe No 2 Universal OD Grinder Mitutoyo and Newall DRO's, Tailstock, 4' Bed
95	Brown & Sharpe OD Grinder, 24" Bed, DRO Pros 2G 2-Axis DRO
96	Myford OD Grinder, 20" Bed, S/N S87414VT
97	15" x 10" Walker Magnetic Chuck
98	12" x 6" Magnetic Chuck
99	10" x 5" Magnalock Electromagnetic Chuck
100	8" x 4" Magnatool Magnetic Chuck
101	9" Round Magnetic Chuck
102	6" x 6" Magnetic Sine Chuck w/Control
103	6" x 6" Magnetic Chuck
104	6" Round Magnetic Chuck & Magnetic Blocks
106	6" x 6" Sine Plate
106A	Handmade Custom 7" x 6" Compound Sine Plate

106B	Hardinge 5C Collet Block, Low Pressure Pneumatic Double Acting Pull-Back Style
107	Wheel Dresser
108	Atco Punch Mate#1 Fixture w/Motor
109	LOT: (2) 6C Collet Fixtures
110	LOT: (2) 6C Collet Fixtures
111	LOT: Parallels, V-Blocks, Dial Indicator Holders, Risers, Fixtures & Small vises
112	LOT: Grinding Wheels & Arbors
113	LOT: Clamping & Hold Down Kits & Accessories
114	2013 CHMER Wire EDM Model GX640L, Linear Motor, Pendant Control, Water Conductivity DRO, Spinflo Water Cooler, S/N M12050323
115	2010 CHMER Wire EDM Model A422S, Pendant Control, Spinflo Water Cooler Model EWCA-250SAI, S/N M08020088
116	2001 Mitsubishi EA12E Sinker EDM, C21EA-1 Control, 28" x 20" Work Table, Work Light, System 3R Tooling, S/N 5872501
117	Sodic AM35 Sinker EDM, Neuro Fuzzy II 80 Control, 23" x 16" Work Table, System 3R Tooling, Pendant Control
118	King Spark Sinker EDM, Model L362, 24" x 12" Work Table, 3-Axis DRO, Pendant Control, S/N 303-20
119	Electro-Mechano 15,000 RPM Bench Top Drill Press
120	Rotobore EDM Rotating Spindle System
121	Harig EDM Rotating Spindle System
122	EDM Vise
123	Wire EDM Alignment Jig
124	Wire EDM Alignment Jig
125	16" x 24" Granite Surface Plate w/System 3R Setup Blocks
126	System 3R Setup Fixture
127	System 3R Setup Fixture
128	System 3R Setup Fixture
129	System 3R Setup Fixture
130	System 3R Fixtures
131	System 3R Fixtures
132	System 3R Fixtures
133	System 3R Fixtures

134	LOT: Assorted System 3R Tool Holders
135	LOT: Assorted System 3R Tool Holders
136	LOT: Assorted System 3R Tool Holders
137	LOT: Electrodes
138	LOT: Assorted EDM Fixtures
139	LOT: EDM Clamping & Hold-Down Accessories
140	LOT: Assorted EDM Energizing Plates & Wire Guides
141	LOT: Replacement EDM Table & Fixtures
142	LOT: (3) Cabinets w/Assorted Graphite
143	LOT: EDM Wire & Accessories
144	2009 Brown & Sharpe MicroVal CMM Model MVAL-343, Renishaw MH20i Probe, 19" x 24" Table, S/N 053801
145	Clifton Hydraulic Lab Press, Model 4B, S/N 869, Made 1977, 20 Ton, Operating Pressure 2000 psi, 5 HP Motor, 12" Max Stroke, Dial Tonnage Gauge
148	Tukon Microhardness Tester, Model 300 FMDf/683, S/N 83202
149	United Calibration Corp, Model Unite O Matic, S/N 77348, Tensile Tester, Speed Dial Control, Working and Calibrated
151	Mitutoyo Type PH 350 Optical Comparator, 13" Screen, S/N 7155
152	Ex-Cello Contour Projector Optical Comparator, Model 30, S/N 82602-11, 30" Screen, 115 Volt
153	Gage Master Optical Comparator, Model 29/GMXIFS, S/N 145813689, 14" Screen
154	Jones and Lamson, Machine OP-001, Optical Comparator, S/N 3539, 15 1/2" dia. Screen
156	SRT-6200 Surface Roughness Tester
157	Reichert Metallograph Scope w/Surface Plate
158	Mettler Toledo PL-202-S Digital Scale
159	Mettler Scale Model P10N, S/N 477397, 0-3000 Grams
160	Mettler Scale Model H35AR, S/N 858790, Table Top, Electric
161	Sylvac 25 Digital Bore Gage
162	LOT: (2) Hall Flowmeter & Pratt & Whitney Sigmatic Tester
163	Federal Stand w/Mitutoyo Digimatic Indicator
164	24" x 36" Granite Surface Plate w/Stand
165	24" x 48" x 3-1/2" Granite Surface Plate on Cabinet w/Large Assortment of Hardware

166	24" x 36" x 4" Granite Surface Plate on Steel Stand
167	LOT: 24" x 36" x 4" Granite Surface Plate & 10" x 15" Steel Surface Plate
168	0" - 12" Outside Micrometer Set
169	0" - 4" Outside Micrometer Set
170	Mueller Precision Surface Gage
171	VIS 12" Precision Level
172	LOT: Electronic X Finders w/Centering Gage & Scope etc.
173	LOT: (3) Dial Calipers, (2) Vernier Style Calipers
173A	LOT: Assorted Pin Gage Sets
173B	LOT: Assorted Pin Gage Sets
173C	LOT: Assorted Small Pi Gage Sets
173D	LOT: (2) Block Gages
173E	LOT: (2) Block Gages
174	LOT: (2) Pla-Chek & Mitutoyo Height Gages
175	LOT: (1) Precision Vise, (1) Precision Sine Vise
176	LOT: (3) Precision Vises
177	LOT: (3) Bore Gages
178	Sunnen CF-1126 Gage Setting Fixture
179	LOT: Assorted Vintage Test Equipment, Alnor Dew Pointer & Pyro Optical Pyrometer, etc.
183	Cincinnati Model 100 Rigid Reflex, 100 Ton Pressing Force, 100 Ton Ejection Force, 8" Max Ram Stroke, 5" Max Ram Adjustment, 6" Max Fill, Die Force Float Adjustment 0 To 3", 10 To 30 Strokes Per Minute, VFD Drive Control, Standard Controls, Air Clutch, S/N 35900 [Press 100-1 (Cinci100Rigid)]
188	Baldwin Model 50 Compacting Press, 50 Ton Pressing Force, 25 Ton Max Ejection, Press Mounted Controls, 4 1/2" Max Fill, 4 1/2" Ejection Stroke, 6 3/4" Top Punch Stroke, 0 To 2 3/4" Die Float, 10" Die Opening, 10 to 40 Strokes Per Minute, Pit Mounted (3' Pit), Side Shuttle Feed, Reeves 7 1/2 HP Vari-Drive, 14' High, S/N 610-0104 [Press 50-2 (Bald50)]
202	Dorst TPA 60 Parts Machine, 60 Ton Press
205	Rouselle No 4 C-Frame Press
206	Rouselle Model OA OBI Press
207	Watson Upacting Press, 16" X 16" Lower Platen [In EDM Room]
207A	Portable Powder Auger
207B	Portable Powder Auger

207C	Portable Powder Auger
208	LOT: Assorted Spare Electrical Parts for Presses
212	Custom Pusher Furnace, 2500 F Temperature, 6 Zones, Overall 32' Long, 12" X 12" Set Area, Controls, Box of Pusher Plates Included, Air Products N2/H2 Atmosphere System, Recently Re-Bricked, Conveyor Return System for Push Plates. Schematics Available. Made and Purchased from the Net Shape TN Plant
213	Cress Electric Furnace, Model C2121/942, Dual Furnace, Top: Hi Temp 2500 F, Bottom: Low Temp 1100 F, Dual Digital Controls, Max 2250 Degree, Approx.. 12" X 7" X 19" Interior Dimensions, S/N 9305 [In EDM Room]
215	LOT: Assorted Stainless Steel Belts
217	Lindberg Ammonia Dissociator, Type 18-500-HYAM, 500 CFH, 220 Volt, 3 Phase, 60 Hertz, Controller with Honeywell Dual Digital Controller 1900/1750 F Temperature, S/N 24837
218	Amcot Water Cooling System on Tower Outside, Includes Control Panel and Water Tanks Inside Click for ST80-Tower
219	Globe Barrel Tumbler, 2' Tapered Carbon Steel Chute, Manual Tilt, 10" Dia Opening, S/N 8188
220	Sweco Vibratory Tumbler, Model FM10 Series, Approx. 10 Cu Ft, 40" Inner Dia, Urethane Lining W Ceramic Media, Includes 116" X 14" Steel Chute
221	Sweco Vibro Energy Vibratory Tumbler, Model FM10 Series, Approx. 10 Cu Ft, 44" Inner Dia, Urethane Lining
222	Roto Finish Vibratory Tumbler, Approx.. 54" Inner Dia, 5 HP Motor
222A	Pallet of Ceramic ACT 5/8" X 5/8" Finishing Media
223	Vibrodyne VE 600 Vibratory Tumbler, Amplitude Controller, Trough Type, 36" X 20" X 16", Urethane Liner, S/N B06501
224	Patterson Kelley V Powder Blender, Carbon Steel, 3 Cu Ft, 190 Lb/ Cu Ft Bulk Density Rating, Dual Motor S/N 134859 [Rear Press Building]
225	Parts Lubrication Dip Tank, Model Triton X 100, Dual Tank Approx. 23" Dia X 24" Deep, Includes Steel Frame, Electric Hoist, 2 Baskets
226	Resin Impregnation System, Jacketed Resin Tank, Hydraulic Lift, Includes (7) Approx.. 33" Dia Baskets, (2) Temp Controlled Jacketed Rinse Tanks
227	Imprex Oil Impregnation System, 1994, Max Pressure 110 PSI At 650 F, Includes 1 Ton Trolley on Steel Frame
228	Yale Electric Forklift, 6000 Lb. Cap., Model ERCO60RGN36TFO84, Type E, 2-Stage Mast, 48" Forks W/Charger
229	MAH Extendable Forklift Boom
230	Forklift Man Basket
232	Manual Crank Die Lifter
233	Floor Sweeper
234	4' x 4' Indiana Floor Scale w/Transcell T1-500E DRO
235	US Air 100 HP Rotary Air Compressor
237	Polar Air 10HP Vertical Tank Mounted Compressor 80-Gallon Tank
238	1998 Ford Eddie Bauer Explorer V8 Automatic 4-Wheel Drive w/88" Western Plow, 179,000 Miles Indicated, VIN 1FMZU35P6WVB58178 "No Title"
239	LOT: (4) Cabinets w/Contents of Pipe Fittings

240	LOT: (2) Cabinets w/Contents of Electrical Supplies & Hardware
241	Transfer Pump on Dolly
242	LOT: Chain, Rope, Cum-A-Long, Bottle Jack
243	LOT: Bolt Cutters, Pipe Benders, Puller, Fish Tape
244	16" Vise on Rolling Steel Lift Cart
245	4' x 5' Powered Belt Conveyer on Rolling Steel Lift Cart
246	Reed Pipe Vise on Rolling Steel Lift Cart
247	LOT: Steel Horses, Roller Stands & Dolly
248	LOT: (3) Shop Vacs, (2) Dollies
249	LOT: Rolling Cart w/Rotohammer, (2) Grinders, Jig Saw
250	LOT: Steel Rolling Lift Cart w/Pittsburgh Combo Wrenches
251	LOT: Vintage Floor Scale, Electrical Panel
252	LOT: (8) Sections of Pallet Racking, 12' x 8' x 3' "No Contents"
253	LOT: (9) Sections of Pallet Racking, 12' x 8' x 3' "No Contents"
256	Rotary Pallet Table
257	Small Globe Barrel Finisher
258	3' x 6' Maple Top Work Bench
259	Digi Matex Counting Scale
260	Pneumatic Carton Stapler
261	LOT: (2) Pedestal Fans
262	LOT: (2) 42" Drum Fans
263	LOT: (3) Work Benches w/Arbor Press, 4" Jaw Vise
264	LOT: (2) Dial Indicator Stands w/Mitutoyo Absolute Indicators
265	LOT: (3) Dial Indicator Stands
266	Demagnetizer
267	Demagnetizer
268	Demagnetizer
269	Demagnetizer

270	LOT: Dial Indicator Stand w/Mitutoyo Absolute Indicator, Steel Surface Plate, Digital Scale
271	LOT: (5) Sections of Pallet Racking, 12' x 8' x 3' "No Contents"
272	LOT: (3) Pedestal Fans
273	LOT: (5) Sections of Pallet Racking, 12' x 8' x 3' "No Contents"
274	LOT: Repairable Machines - (2) Snow Tappers, (2) Grinders, (1) Universal
275	LOT: Double End Grinder 6", 5" Jaw Vise, Horizontal Air Tank
276	6" Belt Sander w/Tilting Table
277	LOT: (1) Refrigerated Air Dryer, (1) Small Receiver Tank
278	Pallet of A2 Tool Steel
279	Pallet of S7 Tool Steel
280	Pallet of D2 & M4 Tool Steel
281	LOT: Rack w/Contents of D2-A2 ALL/10V - M4 - S7 Tool Steel
282	LOT: (6) Shelving Units w/Contents of Assorted Tool Steel
283	LOT: Assorted 4140 Steel
284	LOT: (2) Shelving Units w/Contents of Copper & Aluminum
285	LOT: Dremel, Drill Press Vise, Assorted Tooling
286	LOT: (2) 27" x 64" Maple Top Work Benches "No Contents"
287	LOT: 30" x 72" & 30" x 48" Maple Top Work Benches w/3" Jaw Vise & Magnifying Light "No Contents"
288	LOT: Tool Box & Cabinet
289	LOT: 36" x 72" & 30" x 84" Maple Top Work Benches "No Contents"
290	LOT: (2) 20" x 54" Kennedy Maple Top Work Stations
291	Delta 14" Drill Press
292	LOT: Steel Cabinet & Table w/Assorted Shim Stock
293	LOT: Cabinet w/Lifting & Tie Down Straps, (6) Lockers, (2) File Cabinets
294	Meilink Safe "Have Combination"
295	Powered Belt Conveyor, Approx. 30' x 16"
296	LOT: Shelving Unit w/Contents of Bearings, Machine Parts, Hand Tools, Stamp Kits, etc.
297	LOT: Shelving Unit w/Assorted Hardware

298	LOT: Parts Cabinet w/Contents of Hardware, Taps, Bearings, O-Rings, etc.
299	LOT: Parts Cabinet w/Contents of Assorted Hardware, Fittings, Tooling
300	LOT: (3) Torque Wrenches
301	LOT: (2) Maple Top Work Benches 30" x 72" , (1) Maple Top Work Benches 27" x 64" "No Contents"
302	LOT: (2) Maple Top Work Benches w/4" & 5" Jaw Vises
303	LOT: (2) Maple Top Work Benches
304	LOT: (3) Maple Top Work Benches w/4-1/2" Jaw Vise
305	36" x 72" Maple Top Work Bench "No Contents"
306	54" x 64" Maple Top Work Bench "No Contents"
307	LOT: (2) 27" x 64" Maple Top Work Bench "No Contents"
308	54" x 64" Maple Top Work Bench "No Contents"
309	24" x 72" Global Maple Top Cabinet
310	LOT: (3) Maple Top Work Benches
311	LOT: Cabinet w/Contents of C-Clamps, Spring Clamps, Air Hose, etc.
312	LOT: Rolling Hand Crank Lift Table & Shelving Unit w/Articulated Lights & Battery Charger
313	Large Lifting Tongs
314	LOT: Tap & Dies Sets