



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):

Wednesday, September 21, 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.

PPL GROUP LLC
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224-927-5320
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www.pplauctions.com

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 Pinstotter |
| 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 |

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| 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 |

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| 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 |

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| 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 |

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| 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 |

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| 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 |
| 147 | Rockwell Superficial Hardness Tester, Machine HR01, Model 4JS, S/N 4JS62 |
| 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 |
| 150 | Rockwell Hardness Tester Model 3JR, S/N 3JR-6536 |
| 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 |

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| 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. |
| 181 | Yoshizuka Model PCH-40SU Compacting Press, 44 Ton Pressing Force, 26.4 Ton Max Ejection, 4.72" Max Fill, 6.29" Upper Ram Stroke, 3.14" Max Ejection Stroke, 8 To 32 Strokes Per Minute, PLC, Air Clutch, 3 Platen Die Set, Dual Upper, Ball Screw Feed System, Floor Mounted, Movable Core Rod, Die Float Underfill, 7.5 HP, S/N 1986 Note: Includes Approx. 8 Skids and Crates of Spare Parts [Press 40-1 (Yosh40)] |
| 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)] |
| 185 | Baldwin 200 Ton Press, Press 200-1, Mechanical, Dual Motion, 200 Ton Pressing Force, 3 7/8" Maximum Depth of Fill, 30 to 60 Strokes Per Minute, Ball Screw Feed System with Shuttle Feeder, Electrical Panel with VFD Speed Control, Hydraulic Upper Head System, PLC Controller, Mounted in Pit (3' Deep) |
| 186 | Baldwin 200 Ton Press, Press 200-2, Mechanical, Dual Motion, 200 Ton Pressing Force, 3 7/8" Maximum Depth of Fill, 30 to 60 Strokes Per Minute, Ball Screw Feed System with Shuttle Feeder, Electrical Panel, Hydraulic Upper Head System, PLC Controller, Mounted in Pit (3' Deep) |
| 187 | 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, Floor Mounted, Side Shuttle Feed, Reeves 7 1/2 HP Vari-Drive, 14' High [Press 50-1 (Bald50)] |

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| 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 |
| 204 | Kux 65C 75 Ton Mechanical Compacting 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 |
| 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 FMC, Approx. 3 Cu Ft, 40" Inner Dia, Urethane Lining W Ceramic Media, Includes 116" X 14" Steel Chute |
| 221 | Sweco Vibro Energy Vibratory Tumbler, Model FM, Approx. 3 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" X16", 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 |

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| 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" |
| 254 | LOT: (100 approx.) 12" x 20" x 5" Deep Steel Parts Baskets |
| 255 | LOT: (30) Steel Parts Baskets & Steel Work Bench |
| 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 |

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| 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" |

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| 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 |