

Auction Catalog

Watson Steel Products, Inc.

264 Mystic St.
Buffalo, NY 14220

Live Auction with Webcast
Wednesday April 3, 2019 | 10am ET



blackbird

Auctions and Valuations

Blackbird Asset Services, LLC

5586 Main Street #204

Williamsville, NY 14221

(716) 632-1000

BlackbirdAuctions.com





Auction Bidder Agreement

Bidder and Auctioneer agree that the Terms and Conditions listed below shall govern this webcast auction sale:

1. All persons seeking to register to bid must present a valid credit card to register online. In addition, Auctioneer reserves the right to verify the validity of all cashier's checks or certified funds drawn from lending institutions. The "Bidder" becomes a "Buyer" upon the closing of the lot, and the Auctioneer's acceptance of their bid on one or more items in the Auction sale. All sales are final. No returns or refunds will be permitted for any reason whatsoever.
2. FULL PAYMENT must be made immediately for your purchase at the Auction (online or live). This payment should be made in the form of cash, credit card (up to \$5,000) or wire transfer (wire instructions on request). Company checks will be accepted only if accompanied by a letter from the issuing bank that reads: "(Bank Name) unconditionally guarantees payment to Blackbird Asset Services, LLC from (Purchasers Name) on account number _____ up to the amount of \$_____. This guarantee will be valid for purchases made at The Watson Steel Auction April 3, 2019." Buyers who place winning bids online will receive an unpaid invoice at the conclusion of the auction by email and will have to contact our office at auctions@blackbirdauctions.com to let us know how you intend to pay (you can pay cash on site on the 4th, wire funds or use a credit card up to \$5,000) NOTE: We do not automatically charge your card. **All credit card charges carry a 3% convenience fee, and are as-is, no refusals, turn-backs, or charge-backs permitted.** For those bidding online with invoices over \$5,000, or those wishing to pay by company check or wire transfer, you may also contact auction office prior to the auction to make arrangements. FULL PAYMENT must be made immediately for your purchase at the auction.
3. Items left unpaid for more than 48 hours will be resold at the risk and expense of the Buyer. In the event that a Buyer fails to pay the entire purchase price (in addition to the Buyer's premium and any applicable tax) within 48 hours, or otherwise fails to comply with these Terms and Conditions, the Auctioneer and the Seller will retain any deposit paid as liquidated damages without notice. The Auctioneer and the Seller reserve the right to resell such items without notice, and the defaulting Buyer shall be liable to Auctioneer and Seller for any resulting deficiency, including costs incurred in storing and reselling such items.
4. Auctioneer shall charge and collect from each onsite Buyer a 15% buyer's premium for each sale at the Auction, in addition to the purchase price as bid. Buyers using our webcast system will be charged an 18% buyer's premium. Buyers that pay by credit card will be charged a 3% convenience/credit card fee in addition to any buyer's premiums so noted. **Online buyers are subject to this additional 3% convenience / credit card fee if they pay by credit card.**
5. Collection of applicable taxes will be in accordance with the laws of New York State. Sales tax for Erie County, NY is 8.75%. Auctioneer reserves the right to charge and collect tax on all purchases, shifting the burden of determining any tax exempt status to the purchaser (if applicable). In such case, tax refunds will be issued by the respective state. **If you are entitled to a sales tax exemption, please contact our office before April 2, 2019, 2pm ET to clear sales tax exemption. Buyers who fail to clear sales tax exemption prior to April 2, 2019, 2pm ET will be charged sales tax and must file with New York State for any refund to which they may be entitled due to exemption.**
6. For any purchase paid in cash with a value of \$10,000 or greater, Buyer is required to complete Department of the Treasury Internal Revenue Service form 8300 (<https://www.irs.gov/pub/irs-pdf/f8300.pdf>) at the time of purchase.
7. Arrangements for removal of purchased items will be the sole responsibility of the Buyer. Removal of small items immediately following the auction sale. Prices paid at auction for equipment lots will include loading on the Buyers truck at no additional charge, which service is being provided directly by the seller at the option of the buyer. Any contract for loading or rigging expressly excludes Blackbird in all respects. Dorries VBM lot 394 carries a \$2,000 rigging surcharge for loading. Open removal period will be from April 3 through April 20, 9am—3pm each day (no removal Sundays). Additional charges will apply to any buyer who holds over beyond April 20, or requests additional time to remove their purchases. **All riggers must supply a valid insurance certificate prior to beginning work.** Additional charges will apply to any buyer that holds over or requests additional time to remove their purchases. Online buyers must comply with the removal and rigging terms noted herein.
8. The Buyer becomes fully responsible for and assumes all risk of loss and damage to items purchased until items are removed from the Auction site, whether or not the removal deadline has passed. If the Buyer does not remove an item within the announced removal period, Auctioneer and the Seller may, in their sole discretion, deem the item to have been abandoned by the Buyer and the Buyer will have no further rights with respect to the item.
9. In the event of any dispute concerning the winning bid price for an item, the record kept by Auctioneer shall control. In any dispute between two or more bidders, the Auctioneer's decision shall be absolute and final.

(continued on next page)

10. **All items are sold as-is, where-is and with all faults. Neither Seller nor Auctioneer makes any warranty, express or implied, as to the nature, quality, value, or condition of any item. Auctioneer and seller expressly disclaim any warranty of merchantability, fitness for a particular purpose or non-infringement.**
11. No sale shall be invalidated by reason of any defect or inaccuracy in any description or listing, and no liability shall be borne by the Auctioneer with respect to such errors. All information has been obtained from sources generally believed to be reliable, but the accuracy cannot be guaranteed or warranted by the Auctioneer. **Bidder acknowledges it is their responsibility to inspect all items and to make their own inquiries prior to their bidding.**
12. The aggregate respective liability of Seller or Auctioneer in respect of any other loss or damage suffered by a Buyer and arising out of or in connection with these Terms and Conditions or arising out of or in any way connected with a Buyer's participation in the Auction, whether in contract, tort (including negligence) or for breach of statutory duty or in any other way, shall not exceed (i) in the case of the Seller, the amount of the purchase price paid by the Buyer; and (ii) in the case of the Auctioneer, the Buyer's premium paid by the Buyer, in each case in respect of the goods which are the subject of the claim.
13. Computers, drives and other electronic equipment may contain copywritten software that is governed by a license agreement issued to a third party. In such event the Buyer acknowledges that said software and license agreement(s) are not included in their purchase(s). Buyer guarantees the destruction of any personally identifiable information that may be stored on such devices, and shall indemnify and hold harmless the Auction Company and their Seller from any claims, suits or other actions brought against them that relates in any way to personally identifiable information or any other data that remains on such devices, latent or obvious.
14. Buyers acknowledge that an Auction site or the Seller's site is a potentially dangerous place. Flammable, noxious, corrosive and pressurized substances may be present. Heavy equipment may be operated, and electrical circuits may be live. Every person enters such site at his or her own risk with notice of the condition of the premises and the activities that will be or have been conducted on the premises. Buyers shall so advise their agents and employees. No person shall have any claim against Auctioneer, the Seller or their respective agents or employees for any injuries sustained or for damages to or loss of person or property that may occur at such site.
15. These Terms and Conditions are incorporated and merged with any sale-specific Terms and Conditions which may be distributed via our online bidding site and / or at the physical auction location.

Terms and Conditions for webcast auction of Watson Steel, April 3, 2019. R1-2019-03-25

NO WARRANTIES

Every item and lot in this auction is sold: (a) "AS-IS, WHERE-IS AND WITHOUT RECOURSE," and (b) with no warranties, guarantees or representation of any kind or variety, whether expressed, implied or otherwise.

PAYMENT

FULL PAYMENT must be made immediately for your purchase at the Auction (online or live). This payment should be made in the form of cash, credit card (up to \$5,000) or wire transfer (wire instructions on request). Company checks will be accepted only if accompanied by a letter from the issuing bank that reads: "(Bank Name) unconditionally guarantees payment to Blackbird Asset Services, LLC from (Purchasers Name) on account number _____ up to the amount of \$_____. This guarantee will be valid for purchases made at The Watson Steel Auction April 3, 2019." Buyers who place winning bids online will receive an unpaid invoice at the conclusion of the auction by email and will have to contact our office at auctions@blackbirdauctions.com to let us know how you intend to pay (you can pay cash on site on the 4th, wire funds or use a credit card up to \$5,000) NOTE: We do not automatically charge your card. All credit card charges carry a 3% convenience fee, and are as-is, no refusals, turn-backs, or charge-backs permitted. For those bidding online with invoices over \$5,000, or those wishing to pay by company check or wire transfer, you may also contact auction office prior to the auction to make arrangements. FULL PAYMENT must be made immediately for your purchase at the auction.

BUYER'S PREMIUM

Auctioneer shall charge and collect from each buyer a 15% buyer's premium (on-site) and 18% buyer's premium (online) for each sale at the auction, in addition to the purchase price as bid.

SALES TAX

Collection of applicable taxes will be in accordance with the laws of New York State. Sales tax for Erie County, NY is 8.75%. Auctioneer reserves the right to charge and collect tax on all purchases, shifting the burden of determining any tax exempt status to the purchaser (if applicable). In such case, tax refunds will be issued by the respective state. ***If you are entitled to a sales tax exemption, please contact our office before April 2, 2019, 2pm ET to clear sales tax exemption. Buyers who fail to clear sales tax exemption before the deadling will be charged sales tax and must file with New York State for any refund to which they may be entitled due to exemption.***

Blackbird reserves the right to charge sales tax on ANY purchase and require the purchaser to file with NYS for a refund if the purchaser believes they are entitled to a tax exemption.

REMOVAL

April 3–20*

*except Sundays

9am–3pm ET

Arrangements for removal of purchased items will be the sole responsibility of the Buyer. Removal of small items immediately following the auction sale.

Prices paid at auction for equipment lots will include loading on the Buyer's truck at no additional charge. This service is being provided directly by the seller at the option of the buyer.

Any contract for loading or rigging expressly excludes Blackbird in all respects. Dorries VBM lot 394 carries a \$2,000 rigging surcharge for loading.

Open removal period will be from April 3 through April 20, 9am—3pm each day (no removal Sundays). Additional charges will apply to any buyer who holds over beyond April 20, or requests additional time to remove their purchases. All riggers must supply a valid insurance certificate prior to beginning work. Additional charges will apply to any buyer that holds over or requests additional time to remove their purchases. Online buyers must comply with the removal and rigging terms noted herein.

PROCEDURES FOR EQUIPMENT REMOVAL

1. All Riggers/Buyer's must present authorized Blackbird personnel with an original insurance certificate in the amount of at least \$1,000,000 prior to commencing any removal activities (see attached sheet).
2. Should any pits, floor bolts or hazard of any type exist after removal of equipment, it is the responsibility and cost of the buyer to guard these areas using generally accepted safety practices, such as safety tapes, pipes or bars welded in place, or suitable safety barrier, acceptable to Blackbird. All floor bolts and/or anchoring fasteners are to be cut flush to the floor and the area left broom clean. All electric wiring and utility piping must be safely disconnected and capped at the incoming main switch or valve, which will remain in the building, unless otherwise specified.
3. Machines are to be staged for loading in the area assigned by Blackbird personnel.
4. Any hydraulic fluid or oil leaks are the Rigger/Buyer's responsibility to clean up. Miscellaneous conduit, wires and threaded studs in cement must also be removed.
5. It is the responsibility of the Rigger/Buyer to disconnect all electrical power to the machines and needs to be done by a licensed tradesman. Please check to make sure the power is off to the machines before disconnecting. In cases where the seller is responsible for disconnect, you will be notified in advance.
6. No trucks are to be left running in an enclosed building. Blackbird is not liable for equipment and tools left on the premises.
7. **Bridge cranes and hoists may be used only by Rigger/Buyers with crane insurance on their certificate and only with the written permission of crane owner.**
8. Liable for Damages - Any surface or structural damage to walls, ceilings, floors, overhead doors, gates, etc. will be Rigger/Buyer's responsibility. Blackbird personnel are instructed to report damage to the Home Office and plant personnel immediately. Rigger/Buyers will not be permitted to leave with equipment until repairs are made.
9. Theft will not be tolerated and we reserve the right to inspect all trucks, toolboxes and rigger cases. Instances of theft will result in the immediate termination of removal privileges and full-allowed prosecution by law.
10. Rigger/Buyers must present a copy of the customer's invoice to authorized Blackbird personnel prior to removal of any equipment, along with an executed authorization from the customer allowing the Rigger to remove selected equipment.
11. Rigger/Buyer must take full responsibility for and exercise all reasonable care to ensure that there is no release to the environment of any hazardous wastes or substances as are defined in applicable Federal, State and Local Statutes, Regulations, Rules or Ordinances.

ACORD™ CERTIFICATE OF LIABILITY INSURANCE		DATE (MM/DD/YYYY) 01/01/2012
PRODUCER Your Insurance Broker PO Box 504 Anywhere, USA 56789	THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.	
INSURED Your Rigger of Choice, Inc. 123 Main St Anywhere, USA 56789	INSURERS AFFORDING COVERAGE INSURER A: XYZ Huge Insurance Company INSURER B: INSURER C: INSURER D: INSURER E:	NAIC #

COVERAGES
 THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. AGGREGATE LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	ADD'L INSR	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YY)	POLICY EXPIRATION DATE (MM/DD/YY)	LIMITS								
A	<input checked="" type="checkbox"/>	GENERAL LIABILITY <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PROJECT <input type="checkbox"/> LOC	123-12345	01/01/12	01/01/13	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 300,000 MED EXP (Any one person) \$ 10,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000								
A	<input checked="" type="checkbox"/>	AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS	BAP-456	01/01/12	01/01/13	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ 1,000,000								
		GARAGE LIABILITY <input type="checkbox"/> ANY AUTO				AUTO ONLY - EA ACCIDENT \$ OTHER THAN EA ACC \$ AUTO ONLY: AGG \$								
A	<input checked="" type="checkbox"/>	EXCESS/UMBRELLA LIABILITY <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> CLAIMS MADE DEDUCTIBLE <input checked="" type="checkbox"/> RETENTION \$ 0.00	UMB 123-12345	01/01/12	01/01/13	EACH OCCURRENCE \$ 1,000,000 AGGREGATE \$ 1,000,000 \$ \$ \$								
A		WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? If yes, describe under SPECIAL PROVISIONS below	WC 123-12345a	01/01/2012	01/01/2013	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>WC STATU-TORY LIMITS</td> <td>UTR ER</td> </tr> <tr> <td>E.L. EACH ACCIDENT</td> <td>\$ 100,000</td> </tr> <tr> <td>E.L. DISEASE - EA EMPLOYEE</td> <td>\$ 100,000</td> </tr> <tr> <td>E.L. DISEASE - POLICY LIMIT</td> <td>\$ 300,000</td> </tr> </table>	WC STATU-TORY LIMITS	UTR ER	E.L. EACH ACCIDENT	\$ 100,000	E.L. DISEASE - EA EMPLOYEE	\$ 100,000	E.L. DISEASE - POLICY LIMIT	\$ 300,000
WC STATU-TORY LIMITS	UTR ER													
E.L. EACH ACCIDENT	\$ 100,000													
E.L. DISEASE - EA EMPLOYEE	\$ 100,000													
E.L. DISEASE - POLICY LIMIT	\$ 300,000													
A		OTHER Riggers Legal Liability	4017950415	01/01/12	01/01/13	\$1,000,000								

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES / EXCLUSIONS ADDED BY ENDORSEMENT / SPECIAL PROVISIONS
 Products Aggregate shown applies "Per Project". It is understood and agree that the Certificate Holder is named as an Additional Insured on all policies with respect to any work performed by the above insured.

CERTIFICATE HOLDER Blackbird Asset Services, LLC 5586 Main St #204 Williamsville, NY 14221	CANCELLATION SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING INSURER WILL ENDEAVOR TO MAIL <u>30</u> DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO DO SO SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE INSURER, ITS AGENTS OR REPRESENTATIVES. AUTHORIZED REPRESENTATIVE
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NOTES

-
- LOT 1**
Karcher 2800 PSI power washer
Kercher performance plus 2800 PSI power washer,
Honda gasoline engine
-
- LOT 2**
Multi-tool kit with case
Multi-tool kit with case
-
- LOT 3**
Pacific pump
Pacific HyDrostar portable utility pump, 1500 GPH, 25
GPM, New
-
- LOT 4**
2 Gear pullers
Lot - (2) Gear pullers
-
- LOT 5**
Campbell-Hausfeld spray gun
Campbell-Hausfeld spray gun
-
- LOT 6**
Center punch set with index
Center punch set with index
-
- LOT 7**
11 Drill index boxes
Lot - (11) Drill index boxes, no drills
-
- LOT 8**
2 Haul-Master come-alongs
Lot - (2) Haul-Master winch come-alongs
-
- LOT 9**
Midg-A-Matic air frill
Midg-A-Matic air frill
-
- LOT 10**
Central Hydraulics punch driver set
Central Hydraulics punch driver set with case
-
- LOT 10A**
Tak-ette RPM meter
Tak-ette RPM meter (SN 682634) with case
-
- LOT 11**
End mill sharpening fixture
End mill sharpening fixture (for any surface grinder)
with diamond carbide wheel
-
- LOT 12**
6-piece tap set
Six piece tap set with case
-
- LOT 13**
7-piece pipe die set
Seven piece pipe die set with case

-
- LOT 14**
Red Arrow bottle jack
Red Arrow 20 ton hydraulic bottle jack
-
- LOT 15**
Bosch grinder
Bosch 1752G7 electric grinder
-
- LOT 16**
Dewalt grinder
Dewalt D 23174 electric grinder
-
- LOT 17**
Central Hydraulics puller set
Central Hydraulics 4 ton portable hydraulic puller set
with case
-
- LOT 18**
HSS-A-SS Portable LP heater
HSS-A-SS Portable LP heater, 41000 BTU
-
- LOT 19**
HSS-A-SS Portable LP heater
HSS-A-SS Portable LP heater, 41000 BTU
-
- LOT 20**
Rolling tool cart
Rolling tool cart
-
- LOT 21**
Lot - Large taps
Lot - Large taps
-
- LOT 22**
Lot - Medium taps
Lot - Medium taps
-
- LOT 23**
Lot - Small taps
Lot - Small taps
-
- LOT 24**
Lot - Mill cutters
Lot - Mill cutters
-
- LOT 25**
Lot - Mill cutters
Lot - Mill cutters
-
- LOT 26**
Lot - Mill cutters
Lot - Mill cutters
-
- LOT 27**
Lot - Mill cutters
Lot - Mill cutters
-
- LOT 28**
Lot - Mill cutters
Lot - Mill cutters

LOT 29
Lot - Mill cutters
 Lot - Mill cutters

LOT 30
Lot - Mill cutters
 Lot - Mill cutters

LOT 31
Lot - Mill cutters
 Lot - Mill cutters

LOT 32
Bullnose drills
 Lot - Bullnose drills

LOT 33
Spade drill inserts and adaptors
 Lot - Spade drill inserts and rotary coolant adaptors

LOT 34
Spade drills
 Lot - Spade drills

LOT 35
Spade drills
 Lot - Spade drills

LOT 36
Misc mill cutters
 Lot - Miscellaneous mill cutters

LOT 37
Misc mill cutters
 Lot - Miscellaneous mill cutters

LOT 38
Morse taper tap drivers
 Lot - Morse taper tap drivers

LOT 39
Bilz tap collets
 Lot - Bilz tap collets, series 3

LOT 40
Workbench with oil trough
 Steel workbench, 110" x 30" x 36"H with oil trough
 (reused Walker-Turner multi spindle drill table)

LOT 41
Promotech BM-20 beveling machine
 Promotech BM-20 portable beveling machine with
 case, 110 volt

LOT 42
Elcometer test kit
 Elcometer adhesion test kit with case

NOTES

LOT 43
Misc ring and plug gages
 Lot - Miscellaneous ring and plug gages

LOT 44
Misc punches and vise stops
 Lot - Miscellaneous number punches and vise stops

LOT 45
Extech thermometer
 Lot - Extech RH401 digital infrared thermometer kit
 with case

LOT 46
Parallel standards
 Lot - Parallel standards with case

LOT 47
Parallel standards
 Lot - Parallel standards with case

LOT 48
Parallel standards
 Lot - Parallel standards with case

LOT 49
Dial indicator stand, standard and misc
 Lot - Dial indicator stand, right angle standard,
 miscellaneous

LOT 50
Dial indicator
 Dial indicator with case

LOT 51
Dial indicators
 Lot - Miscellaneous dial indicators

LOT 52
Precision dial indicator
 Precision dial indicator

LOT 53
Six Jewels bore gage
 Six Jewels precision bore gage, .40-.70 inch with case

LOT 54
Dial indicator
 Dial indicator with case

LOT 55
Dial indicator
 Dial indicator with case

LOT 56
Starrett depth gage
 Starrett micrometer depth gage with case

LOT **57**
Micrometer depth gage
Micrometer depth gage with case

LOT **58**
Mitutoyo micrometer
Mitutoyo micrometer, 6" x 12" with case

LOT **59**
Starrett micrometer
Starrett micrometer, 7"

LOT **60**
Brown & Sharpe 5851 Hite Indicator
Brown & Sharpe 5851 Hite Indicator

LOT **61**
Brown & Sharpe 5830 Hite Indicator
Brown & Sharpe 5830 Hite Indicator (SN 10-923)

LOT **62**
24-inch Height Gage
Height gage, 24"

LOT **63**
McGrath Height Gage
McGrath height gage, 18"

LOT **64**
SHARS vernier caliper
SHARS 60" vernier caliper with case

LOT **65**
Starrett 221 vernier caliper
Starrett 221 36" vernier caliper

LOT **66**
CME vernier caliper
CME 24" vernier caliper with case

LOT **67**
Helios vernier caliper
Helios 27" vernier caliper with case

LOT **68**
Groove caliper
6" Groove caliper/ vernier

LOT **68A**
Electronic digital scale
Electronic digital scale

LOT **69**
Hydraulic bender
Hydraulic bender

LOT **70**
Misc relays and contacts
Lot - Miscellaneous relays, contacts and electrical components

NOTES

LOT **71**
Large C-clamp
Large C-clamp

LOT **72**
Lot - (2) C-clamps
Lot - (2) C-clamps

LOT **73**
Large C-clamp
Large C-clamp

LOT **74**
Lot - (2) C-clamps
Lot - (2) C-clamps

LOT **75**
Lot - (2) C-clamps
Lot - (2) C-clamps

LOT **76**
Lot - (2) C-clamps
Lot - (2) C-clamps

LOT **77**
Lot - (4) C-clamps
Lot - (4) C-clamps

LOT **78**
Lot - (2) C-clamps
Lot - (2) C-clamps

LOT **79**
Lot - (2) C-clamps
Lot - (2) C-clamps

LOT **80**
Lot - (2) C-clamps
Lot - (2) C-clamps

LOT **81**
Lot - (2) C-clamps
Lot - (2) C-clamps

LOT **82**
Lot - (2) C-clamps
Lot - (2) C-clamps

LOT **83**
Lot - (2) C-clamps
Lot - (2) C-clamps

LOT **84**
Lot - (2) C-clamps
Lot - (2) C-clamps

LOT **85**
Red Arrow shop press
Red Arrow H frame shop press with 30 ton bottle jack

LOT **86**
Die rack with shelves
 Heavy-duty die rack with 4 shelves, 36" x 36" x 90" H

LOT **87**
Cantilever stock rack
 Cantilever stock rack, approximately 12' x 8' H

LOT **88**
Mimik tracer head attachment
 Mimik hydraulic tracer head attachment

LOT **89**
Mimik 9000 tracer head attachment
 Mimik 9000 hydraulic tracer head attachment

LOT **90**
Machine vise with base
 Machine vise, 6" with swivel base

LOT **90A**
Machine vise
 Machine vise, 6"

LOT **91**
Machine vise
 Machine vise, 6"

LOT **92**
Double machine vise
 Double 4" machine vise

LOT **93**
Magnetic chuck
 6" x 18" Permanent magnetic chuck

LOT **94**
Magnetic chuck
 6" x 12" Permanent magnetic chuck with angle base attachment

LOT **95**
Machine vise
 Machine vise, 4"

LOT **96**
Machine vise with sine plate
 Machine vise, 3" sine plate

LOT **97**
Machine vise
 Machine vise, 3"

LOT **98**
Drill chucks and centers
 Lot - Drill chucks and centers

LOT **99**
3-jaw chuck
 8-inch 3-jaw chuck

NOTES

LOT **100**
Collet setter
 Collet setter

LOT **101**
Collet setter
 Collet setter

LOT **102**
Misc collets
 Lot - Miscellaneous collets

LOT **103**
Benchtop belt sander
 Benchtop belt sander, 1" x 30"

LOT **104**
Benchtop grinder
 Benchtop 8" 3/4 HP grinder

LOT **105**
Benchtop B&D grinder
 Benchtop 6" Black & Decker grinder

LOT **106**
Letter and number punch set
 Letter and number punch set

LOT **107**
Pull studs
 Bin of pull studs

LOT **108**
SHARS vise
 SHARS 8" jaws machinist vise

LOT **109**
Vise
 6" jaw machinist vise

LOT **110**
2 Angle blocks
 Lot - (2) Angle blocks

LOT **111**
2 V-blocks
 Lot - (2) V-blocks

LOT **112**
Setup blocks
 Bin of setup blocks

LOT **113**
Parallel set
 Parallel set, 1/8"-10 PR

LOT **114**
Lock line
 Lot - Lock line

LOT 115

4 C-clamps

Lot - (4) C-clamps

LOT 116

Automatic lubricator

Automatic lubricator

LOT 117

Cutters

Lot - Cutters

LOT 118

OPEN

OPEN

LOT 119

OPEN

OPEN

LOT 120

OPEN

OPEN

LOT 121

Pedestal fan

36" Pedestal fan, 440 volt, 3 PH

LOT 122

Propane heater

Portable propane heater

LOT 123

Parts bins with contents

Lot - Parts bins with contents

LOT 124

Black & Decker two-speed MAG drill press

Black & Decker two-speed MAG drill press

LOT 125

Geometric die chaser tools

Lot - Geometric die chaser tools including: Jones & Lamson head, H&G head, cabinet with contents of various die heads

LOT 126

Parts drawers

Parts drawers

LOT 127

ASouth OD3 radial drill

ASouth OD3 radial drill, 6' arm, 14" column, SN: OD3-50, 41" x 104" t-slot oil trough base, 4MT spindle, 1953

LOT 128

Drill tooling

Miscellaneous drill tooling

NOTES

LOT 129

Work table on base

Steel work table, 6' x 8" x 7" set on I-beam base

LOT 130

Universal boring machine

Universal boring machine, 36" indexing rotary table

LOT 131

Brown & Sharpe rotary table

Brown & Sharpe 18" indexing rotary table

LOT 132

Angle block table

Indexing angle block table, 10" x 10"

LOT 133

Kondia vertical mill

Kondia vertical mill, 9" x 42" t-slot table, 240 volt, 3 PH with power feed attachment, R8 spindle

LOT 134

Misc mill tooling and parts

Miscellaneous mill tooling and parts

LOT 135

Right angle mill attachment

Right angle mill attachment

LOT 136

SMTW OD grinder M1332AX1500

SMTW M1332AX1500 cylindrical OD grinder (SN 8307), 14" swing x 62", 24" wheel, has new headstock bearings

LOT 137

Metal workbench/ cabinet

Metal workbench/ cabinet

LOT 138

Metal workbench/ cabinet

Metal workbench/ cabinet

LOT 139

2 Steel horses

Lot - (2) Steel horses, 40" W x 30" H

2 Steel horses

Lot - (2) Steel horses, 19" W x 19" H

LOT 141

RC Neal band saw

RC Neal vertical band saw, 1 HP, 20" throat with blades, 220volt, 3 PH

LOT 142

Blohm surface grinder

Blohm Simplex surface grinder (SN 8959), 12" x 18' electro-magnetic chuck, power rapid feed, 460 volt, 3 PH

NOTES

LOT 143

Grinding wheels

Lot - Grinding wheels

LOT 144

Hurco vertical mill

Hurco vertical mill (SN SB-8007026), 3 HP, 9" x 42" t-slot power feed table, 30 taper quick change spindle, 3 axis digital readout, 60-4000 RPM

LOT 145

Coal fired furnace

Coal-fired furnace with gravity feed coal hopper and stand

LOT 146

Coal fired furnace

Coal-fired furnace with gravity feed coal hopper and stand

LOT 147

Bench with contents

Bench with contents including: vise, hold down clamps and hardware

LOT 148

Shelving and bench

Shelving and bench

LOT 148A

Bridgeport tooling with holder

Bridgeport tooling with holder, NMTB 30 taper, quick change tooling

LOT 148B

Tools and holders

Lot - Miscellaneous tools and holders

LOT 149

Lodge & Shipley 2516/27 lathe

Lodge & Shipley 2516/27 power turn engine lathe (SN 48618), 30" swing over carriage x 40" bed, tailstock, tool post, 24" 4 jaw chuck, threading, 2 1/2" thru-spindle, 1970

LOT 150

Lathe tooling and cabinets

Lot - Miscellaneous lathe tooling and cabinets

LOT 151

Control unit

Mach Motion control unit

LOT 152

Pathfinder DRO with scales

Pathfinder 3 axis digital readout with Pathfinder 50 scales

LOT 153

DRO and Millvision scales

Lot - Digital readout, AcuRite III and Millvision with (4) scales

LOT 154

2 Heidenhain DRO

Lot - (2) Heidenhain digital readout

LOT 155

Vidmar tool cabinet

Vidmar 11 drawer tool cabinet, 59 1/2" H

LOT 156

Vidmar tool cabinet

Vidmar 11 drawer tool cabinet, 59 1/2" H

LOT 157

Vidmar tool cabinet

Vidmar 8 drawer tool cabinet, 59 1/2" H

LOT 158

Vidmar tool cabinet

Vidmar 8 drawer tool cabinet, 59 1/2" H

LOT 159

Pallet rack with shelves

Heavy-duty pallet rack, 8' x 30" x 10" H, 3 shelves, teardrop

LOT 160

Box of Fanuc Parts: A20B-0008-6410

Box of Fanuc Parts: A20B-0008-6411

LOT 161

Box of Fanuc Parts: Mother board A20B-0008-641

Box of Fanuc Parts: Mother board A20B-0008-642

LOT 162

Box of Fanuc Parts: BMU boards A186-272-274-285 and A871-001-0015

Box of Fanuc Parts: BMU boards A186-272-274-285 and A871-001-0016

LOT 163

Box of Fanuc Parts: Switch boards

Box of Fanuc Parts: Switch boards

LOT 164

Box of Fanuc Parts: CRT System 6 keyboard

Box of Fanuc Parts: CRT System 6 keyboard

LOT 165

Box of Fanuc Parts: MD1/CRT unit A20B-0051

Box of Fanuc Parts: MD1/CRT unit A20B-0052

LOT 166

Box of Fanuc Parts: A20B-0008

Box of Fanuc Parts: A20B-0009

LOT 167**Box of FANUC Parts: Master board A20B-0008**Box of FANUC Parts: Master board A20B-0009

LOT 168**Box of FANUC Parts: Main disconnect switches**Box of FANUC Parts: Main disconnect switches

LOT 169**Box of FANUC Parts: Terminal unit A028-005**Box of FANUC Parts: Terminal unit A028-006

LOT 170**Box of FANUC Parts: Spindle Servo unit A06B-6041**Box of FANUC Parts: Spindle Servo unit A06B-6042

LOT 171**Box of FANUC Parts: Transformer A80L-0001-0083**Box of FANUC Parts: Transformer A80L-0001-0084

LOT 172**Box of FANUC Parts: I/O boards A20B-0007-0040 and A20B-0008-0540**Box of FANUC Parts: I/O boards A20B-0007-0040 and A20B-0008-0541

LOT 173**Box of FANUC Parts: Power unit A14B-0061-B001**Box of FANUC Parts: Power unit A14B-0061-B002

LOT 174**Box of FANUC Parts: (3) Drive boards A20B-0009-0320**Box of FANUC Parts: (3) Drive boards A20B-0009-0321

LOT 175**Box of FANUC Parts: Power unit A14B**Box of FANUC Parts: Power unit A14B

LOT 176**Box of FANUC Parts: Transformer + 1/0**Box of FANUC Parts: Transformer + 1/1

LOT 177**Box of FANUC Parts: Velocity (3) control unit A06B-6047-H040**Box of FANUC Parts: Velocity (3) control unit A06B-6047-H041

LOT 178**Box of FANUC Parts: Velocity (3) control unit A06B-6045**Box of FANUC Parts: Velocity (3) control unit A06B-6046

NOTES

LOT 179**Box of FANUC Parts: Velocity (3) control unit A06B-6045**Box of FANUC Parts: Velocity (3) control unit A06B-6046

LOT 180**Mitsui Seiki VT-3A vertical machining center**Mitsui Seiki VT-3A vertical machining center (SN 249), 40-position automatic tool changer, BT-40 taper, chiller, 43" x 23" t-slot table, FANUC series 16-M control, x= 27.595, y= 17.750, z= 17.750, Tanaka chip conveyor

LOT 181**Lot - BT-40 tooling**Lot - BT-40 tooling

LOT 182**Lot - BT-40 tooling**Lot - BT-40 tooling

LOT 183**Lot - BT-40 tooling**Lot - BT-40 tooling

LOT 184**Lot - BT-40 tooling**Lot - BT-40 tooling

LOT 185**Lot - BT-40 tooling**Lot - BT-40 tooling

LOT 186**Lot - BT-40 tooling**Lot - BT-40 tooling

LOT 187**Lot - BT-40 tooling**Lot - BT-40 tooling

LOT 188**Lot - BT-40 tooling**Lot - BT-40 tooling

LOT 189**Lot - BT-40 tooling**Lot - BT-40 tooling

LOT 190**Lot - BT-40 tooling**Lot - BT-40 tooling

LOT 191**Lot - BT-40 tooling**Lot - BT-40 tooling

LOT 192**Lot - BT-40 tooling**Lot - BT-40 tooling

NOTES

LOT 193

Mazak H-20 boring machine

Mazak H-20 CNC power center boring machine (SN M49-359), 20 HP, 2 speed, CAT 50 taper, 32" t-slot indexing pallet, 5 degree, 40 position automatic tool changer, x= 43.3", y= 33.5", z= 36", chip conveyor, Fanuc system 6M-B control with variables

LOT 194

Lot - (2) CAT-50 taper tooling

Lot - (2) CAT-50 taper tooling

LOT 195

Lot - (2) CAT-50 taper tooling

Lot - (2) CAT-50 taper tooling

LOT 196

Lot - (2) CAT-50 taper tooling

Lot - (2) CAT-50 taper tooling

LOT 197

Lot - (2) CAT-50 taper tooling

Lot - (2) CAT-50 taper tooling

LOT 198

Lot - (2) CAT-50 taper tooling

Lot - (2) CAT-50 taper tooling

LOT 199

Lot - (2) CAT-50 taper tooling

Lot - (2) CAT-50 taper tooling

LOT 200

Lot - (2) CAT-50 taper tooling

Lot - (2) CAT-50 taper tooling

LOT 201

Lot - (2) CAT-50 taper tooling

Lot - (2) CAT-50 taper tooling

LOT 202

Lot - (2) CAT-50 taper tooling

Lot - (2) CAT-50 taper tooling

LOT 203

Lot - (2) CAT-50 taper tooling

Lot - (2) CAT-50 taper tooling

LOT 204

Lot - (2) CAT-50 taper tooling

Lot - (2) CAT-50 taper tooling

LOT 205

Lot - (2) CAT-50 taper tooling

Lot - (2) CAT-50 taper tooling

LOT 206

Lot - (2) CAT-50 taper tooling

Lot - (2) CAT-50 taper tooling

LOT 207

Lot - (2) CAT-50 taper tooling

Lot - (2) CAT-50 taper tooling

LOT 208

Lot - (2) CAT-50 taper tooling

Lot - (2) CAT-50 taper tooling

LOT 209

CAT-50 taper tooling

CAT-50 taper tooling

LOT 209A

CAT-50 taper tooling

CAT-50 taper tooling

LOT 210

Set of hold down clamps

Set of hold down clamps

LOT 211

Set of hold down clamps

Set of hold down clamps

LOT 212

Set of hold down clamps

Set of hold down clamps

LOT 213

Leadwell/ Sharnoa SVC-52D machining center

Leadwell/ Sharnoa SVC-52D vertical machining center (SN 391085206), 20 HP, 5000 RPM spindle, BT-50 taper, 28" x 55" t-slot table, 220 volt, 3 PH, 1991

LOT 214

Nikken BT-50 taper oil hole holder

Nikken BT-50 taper oil hole holder (SN OIE-010150), 3000 RPM max, unused

LOT 215

Nikken BT-50 taper oil hole holder

Nikken BT-50 taper oil hole holder (SN OGI-01033), 3000 RPM max, unused

LOT 216

BT-50 Taper boring head

BT-50 Taper boring head

LOT 217

Lot - (2) CAT-50 taper tooling

Lot - (2) CAT-50 taper tooling

LOT 218

Lot - (2) CAT-50 taper tooling

Lot - (2) CAT-50 taper tooling

LOT 219

Lot - (2) CAT-50 taper tooling

Lot - (2) CAT-50 taper tooling

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LOT 220
Lot - (2) CAT-50 taper tooling
Lot - (2) CAT-50 taper tooling

LOT 221
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LOT 248
Lot - (2) CAT-50 taper tooling
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LOT 249
Lot - (2) CAT-50 taper tooling
Lot - (2) CAT-50 taper tooling

NOTES

LOT 250

Lot - (2) CAT-50 taper tooling

Lot - (2) CAT-50 taper tooling

LOT 251

Lot - (2) CAT-50 taper tooling

Lot - (2) CAT-50 taper tooling

LOT 252

Lot - (2) CAT-50 taper tooling

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LOT 253

Lot - (2) CAT-50 taper tooling

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LOT 254

Lot - (2) CAT-50 taper tooling

Lot - (2) CAT-50 taper tooling

LOT 255

Lot - (2) CAT-50 taper tooling

Lot - (2) CAT-50 taper tooling

LOT 256

Lot - (2) CAT-50 taper tooling

Lot - (2) CAT-50 taper tooling

LOT 257

Lot - (2) CAT-50 taper tooling

Lot - (2) CAT-50 taper tooling

LOT 258

Lot - (2) CAT-50 taper tooling

Lot - (2) CAT-50 taper tooling

LOT 259

Kobalt tool bench

Kobalt tool bench with pegboard

LOT 260

Vidmar toolbox

Vidmar 3 drawer toolbox, 34" H

LOT 261

Icono SJ-18400 gap bed lathe

Icono SJ-18400 gap bed lathe (SN 870921), 18" x 30" (25" x 7" in gap), 12" 3 jaw chuck, 16" 4 jaw chuck, steady rest, tool post, tailstock, English and metric threading

LOT 262

Barrel rack

Heavy-duty barrel rack

LOT 262Z

Live Auction Directions

Cross aisle

LOT 263

Marvel Series 13A band saw

Marvel Series 13A horizontal band saw (SN E-062213-W), automatic, hydraulic, clamp and infeed roller conveyor

LOT 264

Nardini NZ20120 lathe

Nardini NZ20120 gap bed lathe (SN 169-400-505), 20" x 120" (28" x 12" in gap), 15" 3 jaw chuck, 14" 4 jaw chuck, (2) steady rests, coolant pump, tailstock, tool post, 19-1500 RPM

LOT 265

Misc lathe tooling

Lot - Miscellaneous lathe tooling

LOT 266

OPEN

OPEN

LOT 267

OPEN

OPEN

LOT 268

OPEN

OPEN

LOT 269

Coolant pump

High pressure coolant pump (Graymills)

LOT 270

Walker Turner drill press

Walker Turner drill press with power feed

LOT 271

Hold down/ clamp tooling

Lot - Large amount of hold down/ clamp tooling

LOT 272

Oil trough work table

Steel top oil trough work table

LOT 273

Lucas 44IB-72 boring mill

Lucas 44IB-72 horizontal boring mill (SN 41B2209), 42" x 74" t-slot table, NMTB 50 taper, 4" spindle, power drawbar, x= 72, y= 60, 3 axis digital readout

LOT 274

Angle plates

(2) Angle plates, 23 3/4 x 42 x 7 plus single 14 x 12 x 9 plate

LOT 275

Lifting magnet

Lifting magnetic, 2200 lb permanent magnet

NOTES

LOT 276

Lifting magnet

Lifting magnet, 3300 lb electromagnetic

LOT 277

Permanent magnet with spreader bar

Dual 550 lb permanent magnet with spreader bar

LOT 278

Lifting eyes, clevis, snatch plate

Lot - Large quantity of lifting eyes, clevis, snatch plate with rack

LOT 279

King boring mill

King 42" vertical boring mill, 40" rotary chuck, beam type

LOT 280

Giddings & Lewis 65-D4-T boring mill

Giddings & Lewis 65-D4-T horizontal boring mill (SN 150-523-63), 36" x 74" t-slot table, 3 axis digital readout, 4" spindle, 50 taper, hardened and ground ways, new y axis screw, x= 62", y= 38 1/4"

LOT 281

2 Angle plates

Lot - (2) Angle plates, 24" x 48" x 14"

LOT 282

Workbench

Workbench

LOT 283

Rack with contents

Rack with contents including: thread gages

LOT 284

Wohlhaupter boring attachment

Wohlhaupter UPA 5/8439 boring attachment, 50 taper

LOT 285

Boring attachment

50 Taper boring attachment

LOT 286

Boring attachment

50 Taper boring attachment

LOT 287

Facing mill

Facing mill, 12"

LOT 288

Lot - (3) 50 taper tooling holders

Lot - (3) 50 taper tooling holders

LOT 289

Lot - (3) 50 taper tooling holders

Lot - (3) 50 taper tooling holders

LOT 290

Lot - (3) 50 taper tooling holders

Lot - (3) 50 taper tooling holders

LOT 291

Lot - (3) 50 taper tooling holders

Lot - (3) 50 taper tooling holders

LOT 292

Lot - (3) 50 taper tooling holders

Lot - (3) 50 taper tooling holders

LOT 293

Lot - (3) 50 taper tooling holders

Lot - (3) 50 taper tooling holders

LOT 294

Lot - (3) 50 taper tooling holders

Lot - (3) 50 taper tooling holders

LOT 295

Lot - (3) 50 taper tooling holders

Lot - (3) 50 taper tooling holders

LOT 296

Lot - (3) 50 taper tooling holders

Lot - (3) 50 taper tooling holders

LOT 297

Lot - (3) 50 taper tooling holders

Lot - (3) 50 taper tooling holders

LOT 298

Tool holder with milling head

50 Taper tool holder with 10" milling head

LOT 299

Various taper tools

Lot - Various 50 taper tools

LOT 300

Various boring bars

Lot - Various boring bars

LOT 300A

Hold down clamps

Lot - Hold down clamps

LOT 301

Misc taper tooling

Lot - Miscellaneous taper tooling

LOT 302

Misc taper tooling

Lot - Miscellaneous taper tooling

LOT 303

Misc taper tooling

Lot - Miscellaneous taper tooling

NOTES

LOT **304**
Misc taper tooling
 Lot - Miscellaneous taper tooling

LOT **305**
Misc taper tooling
 Lot - Miscellaneous taper tooling

LOT **306**
Tapping head
 Tapping head

LOT **307**
Misc taper tooling
 Lot - Miscellaneous taper tooling

LOT **308**
Misc taper tooling
 Lot - Miscellaneous taper tooling

LOT **309**
Misc tooling
 Lot - Miscellaneous tooling

LOT **310**
Misc tooling
 Lot - Miscellaneous tooling

LOT **311**
Misc tooling
 Lot - Miscellaneous tooling

LOT **312**
Misc tooling
 Lot - Miscellaneous tooling

LOT **313**
Misc tooling
 Lot - Miscellaneous tooling

LOT **314**
Misc tooling
 Lot - Miscellaneous tooling

LOT **315**
Misc tooling
 Lot - Miscellaneous tooling

LOT **316**
Dies and die handle
 Lot - Dies and die handle

LOT **316Z**
Live Auction Directions
 Cross aisle

LOT **317**
Push vise
 Push vise

LOT **318**
Misc face mill and tooling
 Lot - Miscellaneous face mill and mill tooling

LOT **319**
Misc face mill and tooling
 Lot - Miscellaneous face mill and mill tooling

LOT **320**
Misc face mill and tooling
 Lot - Miscellaneous face mill and mill tooling

LOT **321**
Misc face mill and tooling
 Lot - Miscellaneous face mill and mill tooling

LOT **322**
Misc face mill and tooling
 Lot - Miscellaneous face mill and mill tooling

LOT **323**
Misc face mill and tooling
 Lot - Miscellaneous face mill and mill tooling

LOT **324**
Misc face mill and tooling
 Lot - Miscellaneous face mill and mill tooling

LOT **325**
Misc face mill and tooling
 Lot - Miscellaneous face mill and mill tooling

LOT **326**
Misc face mill and tooling
 Lot - Miscellaneous face mill and mill tooling

LOT **326Z**
Live Auction Directions
 Cross aisle

LOT **327**
Lot - Taper drills
 Lot - Taper drills

LOT **328**
Lot - Taper drills
 Lot - Taper drills

LOT **329**
Lot - Taper drills
 Lot - Taper drills

LOT **330**
Lot - Taper drills
 Lot - Taper drills

LOT **331**
Lot - Taper drills
 Lot - Taper drills

LOT **332**
Lot - Taper drills
Lot - Taper drills

LOT **333**
Lot - Taper drills
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LOT **334**
Lot - Taper drills
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LOT **335**
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LOT **336**
Lot - Taper drills
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LOT **337**
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LOT **338**
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LOT **339**
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LOT **340**
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LOT **341**
Lot - Taper drills
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LOT **342**
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LOT **343**
Lot - Taper drills
Lot - Taper drills

LOT **344**
Lot - Taper drills
Lot - Taper drills

LOT **345**
Lot - Taper drills
Lot - Taper drills

LOT **346**
Lot - Taper drills
Lot - Taper drills

NOTES

LOT **347**
Lot - Taper drills
Lot - Taper drills

LOT **348**
Lot - Taper drills
Lot - Taper drills

LOT **349**
Lot - Taper drills
Lot - Taper drills

LOT **350**
Lot - Taper drills
Lot - Taper drills

LOT **351**
Lot - Taper drills
Lot - Taper drills

LOT **352**
Lot - Taper drills
Lot - Taper drills

LOT **353**
Lot - Taper drills
Lot - Taper drills

LOT **354**
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LOT **355**
Lot - Taper drills
Lot - Taper drills

LOT **356**
Lot - Taper drills
Lot - Taper drills

LOT **357**
Lot - Taper drills
Lot - Taper drills

LOT **358**
Lot - Taper drills
Lot - Taper drills

LOT **359**
Misc drills
Lot - Miscellaneous drills

LOT **359Z**
Live Auction Directions
Cross aisle

LOT **360**
Lot - Milling cutters and tooling
Lot - Milling cutters and tooling

NOTES

LOT **361**
Lot - Milling cutters and tooling
 Lot - Milling cutters and tooling

LOT **362**
Lot - Milling cutters and tooling
 Lot - Milling cutters and tooling

LOT **363**
Lot - Milling cutters and tooling
 Lot - Milling cutters and tooling

LOT **364**
Lot - Milling cutters and tooling
 Lot - Milling cutters and tooling

LOT **365**
Lot - Milling cutters and tooling
 Lot - Milling cutters and tooling

LOT **366**
Lot - Milling cutters and tooling
 Lot - Milling cutters and tooling

LOT **367**
Lot - Milling cutters and tooling
 Lot - Milling cutters and tooling

LOT **368**
Lot - Milling cutters and tooling
 Lot - Milling cutters and tooling

LOT **369**
Lot - Milling cutters and tooling
 Lot - Milling cutters and tooling

LOT **370**
Lot - Milling cutters and tooling
 Lot - Milling cutters and tooling

LOT **371**
Lot - Milling cutters and tooling
 Lot - Milling cutters and tooling

LOT **372**
Lot - Milling cutters and tooling
 Lot - Milling cutters and tooling

LOT **373**
Lot - Milling cutters and tooling
 Lot - Milling cutters and tooling

LOT **374**
Lot - Milling cutters and tooling
 Lot - Milling cutters and tooling

LOT **375**
Lot - Milling cutters and tooling
 Lot - Milling cutters and tooling

LOT **376**
Lot - Milling cutters and tooling
 Lot - Milling cutters and tooling

LOT **377**
Oil trough worktable
 Steel oil-trough worktable, 30" x 52"

LOT **378**
Oil trough worktable
 Steel oil-trough worktable, 30" x 52"

LOT **378Z**
Live Auction Directions
 Cross aisle

LOT **379**
Cincinnati H2500 boring mill
 Cincinnati H2500 horizontal boring mill, 62" x 101" travers, 2017 upgrades include new Dynapath CNC control, new drives, new spindle motor with (2) 29 1/2" x 72" x 12 1/2" angle plates, CAT-40 taper

LOT **380**
Lot - Tooling, CAT-50 taper
 Lot - Tooling, CAT-50 taper

LOT **381**
Lot - Tooling, CAT-50 taper
 Lot - Tooling, CAT-50 taper

LOT **382**
Lot - Tooling, CAT-50 taper
 Lot - Tooling, CAT-50 taper

LOT **383**
Lot - Tooling, CAT-50 taper
 Lot - Tooling, CAT-50 taper

LOT **384**
Lot - Tooling, CAT-50 taper
 Lot - Tooling, CAT-50 taper

LOT **385**
Lot - Tooling, CAT-50 taper
 Lot - Tooling, CAT-50 taper

LOT **386**
Lot - Tooling, CAT-50 taper
 Lot - Tooling, CAT-50 taper

LOT **387**
Lot - Tooling, CAT-50 taper
 Lot - Tooling, CAT-50 taper

LOT **388**
Lot - Tooling, CAT-50 taper
 Lot - Tooling, CAT-50 taper

NOTES

- LOT **389**
Lot - Tooling, CAT-50 taper
 Lot - Tooling, CAT-50 taper
-
- LOT **390**
Lot - Tooling, CAT-50 taper
 Lot - Tooling, CAT-50 taper
-
- LOT **391**
Lot - Tooling, CAT-50 taper
 Lot - Tooling, CAT-50 taper
-
- LOT **392**
Stanley pedestal grinder
 Stanley pedestal grinder
-
- LOT **393**
Workbench with contents
 Workbench with contents including: hold down clamps
-
- LOT **394**
Dorries boring mill
 Dorries vertical boring mill, 64" rotary chuck, 79" swing, 70 HP right head CNC Fagor, left head- manual, ID grinding
-
- LOT **395**
3 Angle plates
 Lot - (3) Angle plates, 72" H x 30" x 12.5mW
-
- LOT **396**
2 Bins hold down hardware
 (2) Bins of hold down hardware
-
- LOT **397**
Bin hold downs
 Bin of hold downs
-
- LOT **398**
Bins chains/ cables
 Bins of chains/ cables
-
- LOT **399**
Hardware
 Miscellaneous hardware
-
- LOT **400**
Stock nylon
 Pallet of round and flat stock nylon
-
- LOT **401**
Tsudakoma rotary
 Tsudakoma 4th axis rotary for Fanuc mills, with tailstock
-
- LOT **402**
2 Pie jaw
 Lot - (2) Pie jaw 15.5" x 21.5", fits 15" Kitasawa

- LOT **403**
Brinkmann pump
 Brinkmann- Pumpen high pressure pump, 220-440 volt, 3 PH
-
- LOT **404**
Surface plate
 35.5" x 23.5" x 4" Granite surface plate with stand
-
- LOT **405**
Joy Twist compressor
 Joy Twist 25 HP screw air compressor with 80 gallon tank
-
- LOT **406**
Racking on mezzanine
 Lot - Pallet of racking on mezzanine
-
- LOT **406Z**
Live Auction Directions
 Side area
-
- LOT **407**
Welding curtains
 Welding curtains
-
- LOT **408**
Miller Syncrowave welder
 Miller Syncrowave 300 constant current AC/DC arc welder (SN JH314206), with TIG, Bernard cooler, no tank, 230/ 460 volts, single phase
-
- LOT **409**
Miller Arc welder
 Miller DC Arc welder, MIG with Millermatic wire feed, 230/ 460 volts, 3 PH, no tank
-
- LOT **410**
Miller Dimension welder
 Miller Dimension 400 constant current DC welder power (SN KB074925)
-
- LOT **411**
OPEN
 OPEN
-
- LOT **412**
Thermal Arc power source
 Thermal Arc Fabstar 4030 DC welder power source
-
- LOT **413**
Chicago welder
 Chicago electric MIG welder 151LOT **414**
Chicago welder
 Chicago electric MIG welder 151
-
- LOT **415**
Welding wire and torch tips
 Miscellaneous welding wire and torch tips

NOTES

LOT 416

Cemco 2452 blast machine

Cemco 2452 classic blast machine (SN 57989), 6 cubic feet capacity, with hose and dead man valve, 2016

LOT 417

Sandstorm sandblast

Sandstorm 6 cubic feet sandblast with hose and dead man valve

LOT 418

Bullard ED810 pump

Bullard ED810 free-air pump

LOT 419

Bullard ED810 pump

Bullard ED810 free-air pump

LOT 420

Bullard ED810 pump

Bullard ED810 free-air pump

LOT 421

Torch cart with gauges and tips

Torch cart with Victor and Prostar gauges, with cutting and welding tips

LOT 422

Set up plate

38" x 37" Double sided set up plate

LOT 423

3 Propane torches

Lot - (3) Propane torches

LOT 424

3 Propane tanks and heaters

Lot - (3) Propane tanks and (2) propane heaters

LOT 425

2 Propane tanks

Lot - (2) 100 lb propane tanks

LOT 425A

Forklift propane empty tank

Forklift propane empty tank

LOT 426

Reddy heater

Reddy heater Pro 155 propane heater

LOT 427

2 Dust collectors

Lot - (2) 110 volt dust collectors

LOT 428

Federal Pacific transformer

Federal Pacific 20 KVA transformer, 460 volt

LOT 429

Ajax transformer

Ajax 15/20 KVA transformer, 230/460 volt

LOT 430

Federal Pacific transformer

Federal Pacific 20 KVA transformer, 460 volt

LOT 431

HS1F1AS Transformer

HS1F1AS Transformer, 1 KVA, 240/ 480 volts

LOT 432

US General cart

US General 4 drawer cart

LOT 433

Lift table

Hydraulic lift table

LOT 434

Pallet jack

Blue Giant 5500 lb pallet jack

LOT 435

Steel blast booth

Steel blast booth with lighting and ventilation, 12' x 14' x 10' H

LOT 436

Open spray booth

Open spray booth with ventilation fan, 14' x 18' x 8' H lighting

LOT 437

Thermion Bridgemaster metalizing system

Thermion Bridgemaster metalizing system with Miller Deltaweld 452 power source with 40' cable

LOT 437A

Miller 903342 spray system

Miller Mogularc 903342 400R thermal spray system (SN KD458917), 230/ 460/ 575 volts, 3 phase, with Miller PF 400R arc spray feeder

LOT 438

500-gallon holding tank

500-gallon holding tank

LOT 439

Welding hoses, gauges, helmet, jacket

Miscellaneous welding hoses, gauges, helmet, jacket

LOT 440

Air compressor hose

Air compressor hose

LOT 441

Welding items

Miscellaneous welding items

NOTES

LOT **442**
Electrical
Pallet of miscellaneous electrical

LOT **443**
Web straps
Lot - Web straps

LOT **444**
6' Mobile stairs
6' Mobile stairs

LOT **445**
3' Mobile stairs
3' Mobile stairs

LOT **446**
Chicago Electric 40765 hoist
Chicago Electric 40765 electric hoist on pipe

LOT **447**
Sockets
Lot - 1" sockets including: Snap-On, Proto, taps, welding wire, electric panels

LOT **448**
Machine cutters
Lot - Machine cutters including: tooling, chucks, electrical

LOT **449**
Panels, gears, tools
Machine panels, gears, tools

LOT **450**
Sunnen Hone MBB 1650
Sunnen Honing MBB 1650 machine (SN 50027)

LOT **451**
Harrington hoist
Harrington 1/2 ton electrical hoist

LOT **452**
Hydraulic unit
Hydraulic unit

LOT **453**
CAT tooling
Pallet of CAT tooling including: approximately 90 CAT-40 tool holders

LOT **454**
Johnson control panel box
Johnson control panel box

LOT **455**
Scissor man lift
M20 Scissor man lift

LOT **456**
Yale electric forklift ERC080HDN36SV084
Yale ERC080HDN36SV084 electric forklift (SN A839D02221Y), 36-volt, 8000 lb capacity, triple-mast, rotating forks, side shift, solid tires

LOT **457**
Clark 40B electric forklift
Clark 40B electric forklift (SN TW2353312940FA) with side shift, 3 mast, 3400 lb capacity

LOT **458**
IR compressor
Ingersoll Rand 185 CFM diesel air compressor, recently rebuilt

LOT **459**
Time clock
Compumatic TR220D time clock with card rack

LOT **460**
Forklift battery charger
Charger Sentry electric forklift battery charger

LOT **461**
ACME transformer
ACME transformer, 51 KVA, 460 volts