

# PUBLIC AUCTION



## SALE CATALOG BOLTTECH MANNINGS, INC.

501 Mosside Blvd., North Versailles, PA 15137

Sale Date: Tuesday, October 3rd at 10:00 AM



**Auctioneers:** Cincinnati Industrial Auctioneers, Inc. - License #AAY002219

Jeffrey L. Luggen - License #AU003274R, Joseph M. Luggen - License #AU005954

**Inspection: Monday, October 2nd from 10:00 AM to 4:00 PM**

**18% BUYER'S PREMIUM IS IN EFFECT FOR ALL PURCHASES!**

ALTHOUGH INFORMATION HAS BEEN OBTAINED FROM SOURCES DEEMED RELIABLE, THE AUCTIONEER MAKES NO WARRANTY OR GUARANTEE EXPRESSED OR IMPLIED, AS TO THE ACCURACY OF THE INFORMATION HEREIN CONTAINED. IT IS FOR THIS REASON THAT BUYERS SHOULD AVAIL THEMSELVES FOR THE OPPORTUNITY TO MAKE INSPECTION PRIOR TO THE SALE.



Sale Under the Management of

CINCINNATI **INDUSTRIAL AUCTIONEERS**

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2020 Dunlap St., Cincinnati, Ohio 45214 Phone 513-241-9701 Fax 513-241-6760

# **SYNOPSIS OF THE TERMS OF SALE**

## **BOLTTECH MANNINGS, INC.**

**501 Mosside Blvd., North Versailles, PA 15137**  
**Tuesday, October 3, 2023 – 10:00 AM**

**REGISTRATION:** All Bidders must register at [www.bidspotter.com](http://www.bidspotter.com) and complete the bidder registration form, removal agreement, and sales tax exemption form sent by the Auctioneer after registering for the auction.

**"AS IS, WHERE IS":** Everything is being sold for cash on an "as is", "where is" basis without warranties expressed or implied on part of the Owner and Auctioneer. There are NO REFUNDS, NO EXCHANGES, NO GUARANTEES or NO WARRANTIES on any item.

**ALL SALES ARE FINAL.** All Items are sold on a "Where Is" basis with the Purchaser to incur all costs in conjunction with the loading, shipping, and removal of the items from the premises.

**DEPOSITS:** The Auctioneer may request a deposit at the time of registration.

**PAYMENTS: ALL INVOICES MUST BE PAID IN FULL WITHIN 24 HOURS AFTER THE AUCTION.** Any merchandise not paid for by this specified 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. All payments must be made by **check or certified funds by express mail, wire transfer or ACH.** Please inquire with auction personnel regarding the acceptance of funding. **NO ONSITE PAYMENTS OR CREDIT CARDS WILL BE ACCEPTED.**

**REMOVAL:** All Bidders may have to comply with Social Distancing Policies and any other policies as requested by the Owner.

**"TIME IS OF THE ESSENCE" ALL ITEMS MUST BE OFF THE PREMISES BY WEDNESDAY, OCTOBER 18, 2023 at 4:00 PM.**

At the Owners Discretion, any items remaining after this time will be removed from the premises and stored at the expense of the buyer, considered abandoned and scrapped.

### **REMOVAL & RIGGING**

**THE EXCLUSIVE RIGGER & REMOVAL AGENT, ("ERRA") IS:**

**Castle Service & Installation, Jeff McGhee | 724-681-9786 | [jeff@csandi.net](mailto:jeff@csandi.net)**

**Castle Service & Installation** is the "ERRA" and is the only company authorized to rig, dismantle, and load equipment at the BOLTTECH MANNINGS Auction site. Auction Buyers are responsible to pay the loading fee listed in the descriptions of each lot and for convenience these loading fees will be added to the Auction Invoices and remitted to the "ERRA." Loading charges are for simple lift & load only, any special preparations will be an additional charge and need to be arranged with "ERRA". Some items DO NOT HAVE A PRICE or are listed as "loading charge TBD, (To Be Determined)." Loading charges for these items must be negotiated directly with the "ERRA." Removal arrangements other than those stated herein must be made directly with the Auctioneer and the "ERRA". **Loading prices are valid from October 4<sup>th</sup> to October 18, 2023.**

### **CHECKOUT HOURS:**

Wednesday, October 4<sup>th</sup> – Friday, October 6<sup>th</sup> from 8:00 AM to 4:00 PM

Saturday, October 7<sup>th</sup> from 9:00 AM to 2:00 PM – NO LARGE MACHINES LOADED

Monday, October 9<sup>th</sup> – Friday, October 9<sup>th</sup> – Friday, October 13<sup>th</sup> from 8:00 AM to 4:00 PM

Saturday, October 14<sup>th</sup> from 9:00 AM to 2:00 PM – NO LARGE MACHINES LOADED

Monday, October 16<sup>th</sup> – Wednesday, August 18<sup>th</sup> By Appointment Only!

### **IMPORTANT AUCTION NOTICES:**

**18% BUYERS PREMIUM IS IN EFFECT FOR ALL PURCHASES!**

**ALL BUYERS WILL BE REQUIRED TO EXECUTE AN "AUCTION PURCHASE REMOVAL AGREEMENT"**

ALL SALES SUBJECT TO STATE AND LOCAL SALES TAX WHERE APPLICABLE

ALL BIDDERS MUST COMPLY WITH OUR CUSTOMARY "TERMS OF SALE" ATTACHED HERETO,

POSTED AT THE SALE SITE & OUR WEBSITE @ [WWW.CIA-AUCTION.COM](http://WWW.CIA-AUCTION.COM).

Auctioneer Can Not Assist with Export Documents!

### **WIRING INSTRUCTIONS**

**Call for Complete Wire Transfer Instructions**



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## TERMS OF SALE

**NOTICE: All Bidders and other persons attending this sale ("Bidders") agree that they have read and have full knowledge of these terms and agree to be bound hereby. The Bidder identified by the Auctioneer as the high bidder or successful bidder at auction ("successful Bidder") shall have entered a legally binding contract to purchase the item bid upon ("Lot") at the price and subject to the terms and conditions set forth herein. All determinations, rulings, and adjustments made by the Auctioneer in good faith shall be final, binding, and conclusive upon all Bidders. The term "Auctioneer" herein means Cincinnati Industrial Auctioneers, Inc.**

1. **IDENTIFICATION** - All Bidders are required to give their full name and addresses at the time of registration.
2. **DEPOSIT** - Each successful Bidder will be required to make a deposit in cash or by bank cashier's or certified check of 25 percent (25%) of the successful bid on each Lot at time of knockdown. In default of such deposit, the Lot may be put up again immediately and resold.
3. **TIME OF PAYMENT** - Each successful Bidder shall receive an invoice during or at the conclusion of the auction. All invoices must be paid in full by the close of business on the last day of the auction sale and prior to removing any Lot. Any other arrangements must be made with the auctioneer prior to bidding. In the absence of payment or agreement by the auctioneer, title to the Lot shall not transfer to the successful Bidder and such Bidder will lose any right, title, or interest such Bidder may have acquired, and the deposit paid, if any, without further notice to such Bidder. The Bidder shall nonetheless remain liable for any damage caused by the Bidder's failure to pay.
4. **REMOVAL** - All purchases must be removed not later than the date specified in the Auction Catalogue and/or announced at the sale. No Lot can, on any account, be removed during the sale. All goods are sold "Where Is." Removal shall be at the expense, risk, and liability of the successful Bidder. Purchases will be released only on presentation of paid invoice. Auctioneer shall not be responsible for Lots not removed within the time allowed, but Auctioneer shall have the option to remove and store at the expense and risk of the successful Bidder any article purchased, but not paid for and removed within the time required.
5. **MANNER OF PAYMENT** - All payments must be made by cash, bank cashier's check or company check with a bank letter of authorization guaranteeing funds to "Cincinnati Industrial Auctioneers, Inc." All checks for deposits and balances due shall be payable to the order of "Cincinnati Industrial Auctioneers, Inc." All invoices must be paid to representatives of the Auctioneer at the auction site unless otherwise announced. The full purchase price on all Lots sold to the same successful Bidder must be paid within the time fixed and before removal of any Lot.
6. **DISCALIMER OF ALL WARRANTIES INCLUDING IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR PARTICULAR PURPOSE; CONDITION OF ARTICLES SOLD - The Auctioneer and any owner, seller, or secured party make no warranties express or implied as to merchantability or fitness for purpose whatsoever. All such express or implied warranties are expressly excluded hereby. No oral statement or other writing by any person negates this exclusion. If you think you have received any assurance or warranty of any kind as to a Lot offered in this auction do not bid on such item unless the Auctioneer has signed a writing specifically directed to you and identifying the Lot and stating the modification of this exclusion The Auctioneer shall not be responsible for the correct description, genuineness, authenticity of, or defect in any Lot, and makes no warranty in connection therewith. No sale will be set aside, nor allowance made on account of any incorrectness, error in commentary, cataloging, or any imperfection not noted. No deduction, credit or avoidance shall be allowed on damaged articles, all Lots being exposed for public exhibition are purchased and accepted by successful Bidder "AS IS", "WHERE IS" and "WITH ALL FAULTS". Auctioneer makes no warranties or guarantees whatsoever whether written, oral, or implied as to quality, quantity, condition, usability, salability, weight, measurement, age, model, mechanical condition, performance or other specifications and all sales made are utterly without recourse.**
7. **CLAIMS** - No Claims will be allowed after removal of Lots from premises.
8. **RESPONSIBILITY FOR NON-DELIVERY**- Auctioneer, any owner, seller, or secured party shall not, in any event, be liable to any Bidder for non-delivery of any Lot or for any other matter or thing, other than for the return to the successful Bidder of the deposit or sum paid on said Lot, should the successful Bidder be entitled thereto. This means that if are a successful Bidder and for any reason your Lot is not made available to you, you agree that



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the damages you may claim for such non-delivery are limited to the amounts you have paid and you waive any claim for damages for lost profits, opportunity, the value of the Lot in excess of the purchase price, your time, expenses, incidental and consequential damages, all of which are expressly waived.

9. **COMPLIANCE WITH TERMS OF SALE** – In default of payment of invoices 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, will be charged to the defaulting successful Bidder.
10. **RISK TO PERSON AND PROPERTY** – Persons attending during exhibition, sale, or removal of Lots assume all risks of damage of or loss to person and property and specifically release the Auctioneer from liability therefore and agree to indemnify and hold the Auctioneer harmless from any loss, claim, liability, cost, or expense caused all or in part by such person(s). Neither the auctioneer nor his principal shall be liable by reason of any defect in or condition of the premises on which the exhibition, sale, or removal of Lots is held.
11. **ADDITION TO OR WITHDRAWAL FROM SALE** – The Auctioneer reserves the right to alter the order of the sale, withdrawal from the sale any of the Lots or parts thereof or to sell at this sale Lots 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 or make any combination thereof which Auctioneer in its sole discretion determines. Whenever the best interest of the Seller will be served, the Auctioneer reserves the right to sell Lots in bulk.
12. **SALE BY ESTIMATED WEIGHT, COUNT OR MEASURE** – Where items are sold by estimated weight, count, or measure, the successful Bidder will be invoiced for and required to pay for the estimated weight, count, or measure. If upon delivery any shortage exists, the successful Bidder will receive credit at the rate of the bid. If there is an excess, the successful Bidder will be required to take and pay for such excess, at the rate of the bid.
13. **DISPUTE BETWEEN BIDDERS/BID INCREMENTS** – 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 or resell to the highest Bidder. The Auctioneer may reject a nominal or fractional bid in advance in the Auctioneer's sole discretion.
14. **RESERVE** – The Auctioneer reserves the right to reject any and all bids. On Lots upon which there is a reserve, the Auctioneer shall have the right to bid on behalf of the seller, owner or secured party and shall have no obligation to denote or announce such reserve or bid.
15. **RECORDS** – The record of sales kept by the Auctioneer and bookkeeper will be taken as final in the event of any dispute.
16. **AGENCY** – The Auctioneer is acting as agent only and is not responsible for the acts of its principals.
17. **SALES TAX** – All sales are subject to state and local taxes, which will be collected from the successful Bidder unless a proper exemption certificate including tax-exempt number is presented at the time of payment.
18. **BUYER'S PREMIUM** – The Auctioneer in its sole discretion may impose a Buyer's Premium on any Lots sold. The Buyer's Premium is a percentage that is added to the final purchase price of any Lot.
19. **SHIPPING** – All coolants, oil and fluids must be drained from all machinery and equipment prior to removal. All of the above must be shipped in compliance with state and federal regulations. Unless otherwise expressly provided in writing, preparation and shipment shall be the sole responsibility and cost of the successful Bidder.
20. **INSURANCE** – All successful Bidders, or their riggers must provide the Auctioneer and the owner of the premises of the sale a certificate of insurance in amounts acceptable to the Auctioneer prior to removal of any Lot.
21. **ADDITIONAL TERMS AND CONDITIONS** – Except as set forth in Section 6 above, the Auctioneer may modify or supplement these terms and conditions of sale by language in the catalog available at the sale site or by announcement at the start of the sale.



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# AUCTION PURCHASE & REMOVAL AGREEMENT

## **BOLTTECH MANNINGS, INC.**

**501 Mosside Blvd., North Versailles, PA 15137**

**Tuesday, October 3, 2023 – 10:00 AM**

All purchasers of items at the Bolttech Mannings, Inc. auction conducted by Cincinnati Industrial Auctioneers, Inc. hereby agree to the following:

All purchasers agree to abide by the "Terms of Sale" as listed on our website and posted at the auction premises. The Auctioneer and Owner make no warranties express or implied as to merchantability, fitness for purpose, or condition of the articles being sold. All such expressed or implied warranties are expressly excluded hereby. All Bidders may have to comply with Social Distancing Policies and any other policies as requested by the Owner.

All items are purchased on an "**As Is, Where Is**" basis, with the purchaser to incur all costs in conjunction with the loading, shipping, and removal of the items from the premises. ALL EQUIPMENT MUST BE REMOVED IN A WORKMAN LIKE MANNER AND ALL UTILITIES MUST BE CAPPED. ALL ANCHOR BOLTS MUST BE CUT OFF AT FLOOR LEVEL. ALL OILS AND COOLANTS MUST BE REMOVED FROM MACHINES PRIOR TO REMOVAL. All items are available for removal during normal business hours through **Friday, October 13, 2023, at 4:00 PM** at which time our representatives will leave the premises. After this time arrangements for removal must be made by appointment with the Auctioneer.

**"TIME IS OF THE ESSENCE"** regarding the removal of items from the premises. All items must be removed by **Wednesday, October 18, 2023, at 4:00 PM**. Any items remaining after this time will be removed and stored at the expense of the buyer or considered abandoned and scrapped. NO EXCEPTIONS!

### **REMOVAL & RIGGING**

**THE EXCLUSIVE RIGGER & REMOVAL AGENT, ("ERRA") IS:**

**Castle Service & Installation, Jeff McGhee | 724-681-9786 | [jeff@csandi.net](mailto:jeff@csandi.net)**

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There are NO REFUNDS, NO EXCHANGES, NO GUARANTEES OR NO WARRANTIES on any item.  
**ALL SALES ARE FINAL.**

### **Accepted By Purchaser:**

\_\_\_\_\_  
Company Name

\_\_\_\_\_  
Buyer Number / Bidspotter Email

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

Bolttech Mannings, Inc.  
October 3, 2023



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**CINCINNATI IND. AUCTIONEERS, INC.**  
**2020 DUNLAP STREET**  
**CINCINNATI, OH 45214**  
**513-241-9701**

Catalog for Auction: Bolttech Mannings, Inc.

This catalog is meant merely as a guide. The Auctioneers do not warrant the accuracy, genuineness, authenticity, description, weight, count or measure of any of the lots specified herein.

Lot Num	Qty.	Description	Lot Num	Qty.	Description
1	1	****WITHDRAWN FROM AUCTION**** TESA TECHNOLOGY TESAHITE 400 MAGNA SYSTEM ELECTRONIC DIGITAL HEIGHT GAGE; S/N 8M001403	20F	1	50 - 75 MM MITUTOYO DIGITAL MICROMETER
			20G	1	75 - 100 MM MITUTOYO DIGITAL MICROMETER
2	1	10" - 16" MITUTOYO DIAL TYPE BORE GAGE	20H	1	175 - 150 MM MITUTOYO DIGITAL MICROMETER
3	1	160 - 250 MM MITUTOYO DIAL TYPE BORE GAGE	20I	1	0-6" SPI DIGITAL MICROMETER
4	1	2" - 6" MITUTOYO DIAL TYPE BORE GAGE	20J	1	0-6" SPI DIGITAL MICROMETER
5	1	100 - 160 MM MITUTOYO DIAL TYPE BORE GAGE	20K	1	0-6" SPI DIGITAL MICROMETER
6	1	35 - 60 MM MITUTOYO DIAL TYPE BORE GAGE	21	1	MITUTOYO MICROMETER ET WITH BOX
7	1	18 - 35 MM MITUTOYO DIAL TYPE BORE GAGE	22	1	ANYTIME MICROMETER SET IN BOX
8	1	50 - 150 MM MITUTOYO DIAL TYPE BORE GAGE	23	2	MITUTOYO DIGITAL MICROMETERS; 0 - 1" AND 1 - 2"
9	1	1.4 - 6" WESTWARD DIGITAL BORE GAGE	24	2	8" MITUTOYO DIGITAL CALIPERS
10	1	FOWLER MODEL SBX DIAL TYPE BORE GAGE AND .4 - .7" TAKACHINO DIAL TYPE BORE GAGE	25	1	(LOT) (2) 8" MITUTOYO DIGITAL CALIPERS AND (10 6" DIGITAL CALIPER
11	1	HAWKEYE PRO RIGID PRECISION BORE SCOPE	26	1	8" MITUTOYO CALIPER WITH GROOVE MASTER CALIPERS, 8" DIGITAL INSIDE MICROMETER
12	1	PHASE II SURFACE ROUGHNESS TESTER, SPARE SAMPLE PLATE ASSORTMENT	27	1	600 MM MITUTOYO DIGITAL CALIPERS
13	1	MISCELLANEOUS PRECISION INSTRUMENTS; DIAL INDICATORS, PORTABLE HARDNESS TESTERS, DREMEL ENGRAVER, SHORE D DIGITAL INDICATOR, MITUTOYO BORE GAGE	28	1	40" MITUTOYO DIGITAL CALIPERS
14	1	METRIC PIN GAGE SET; 3.13 - 9.50 MM	29	1	LARGE ASSORTMENT OF RING, THREAD AND PLUG GAGES WITH RUBBERMAID ROLLING CART
15	1	METRIC PIN GAGE SET; 1.64 - 12.86 MM	30	1	10-DRAWER HUSKY ROLLING TOOL CHEST WITH LARGE ASSORTMENT OF PLUG GAGES, RING SETTING GAGES
16	2	V-BLOCKS	31	1	10-DRAWER HUSKY ROLLER TOOL CHEST WITH LARGE ASSORTMENT OF PLUG AND RING GAGES
17	1	MEYER PIN GAGE SET; .061 - .248"	32	1	12" BENCH TYPE OPTICAL COMPARATOR, PROFILE AND SURFACE ILLUMINATION
18	1	MEYER PIN GAGE SET; .061 - .248"	33	1	36" X 24" X 6" RAHM BLACK GRANITE SURFACE PLATE WITH ROLLING CART
19	1	MEYER PIN GAGE SET; .061 - .248"	34	1	24" X 18" X 4" PRECISION GRANITE SURFACE PLATE WITH ROLLING CART
20	1	MEYER PIN GAGE SET; .061 - .248"	35	1	****WITHDRAWN FROM AUCTION**** 24" X 18" X 4" STARRETT PINK GRANITE SURFACE PLATE WITH ROLLING CART
20A	1	18" - 24" MITUTOYO MICROMETER WITH INSIDE MIC SET	36	1	MISCELLANEOUS PRECISION INSTRUMENTS PIN GAGE SET, INSIDE MICROMETER
20B	1	12" - 18" MITUTOYO MICROMETER WITH INSIDE MIC SET	37	1	MISCELLANEOUS PRECISION INSTRUMENTS INSIDE BORE GAGES, (2) MICROMETERS, CHAMFER GAGE
20C	1	6" - 12" SPI DIGITAL MICROMETER WITH INSIDE MIC SET			
20D	1	6" - 12" SPI DIGITAL MICROMETER WITH INSIDE MIC SET			
20E	1	6" - 12" SPI DIGITAL MICROMETER WITH INSIDE MIC SET			

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**2020 DUNLAP STREET**  
**CINCINNATI, OH 45214**  
**513-241-9701**

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Lot Num	Qty.	Description	Lot Num	Qty.	Description
38	1	MISCELLANEOUS PRECISION INSTRUMENTS SPI MICROMETER, INSIDE MICROMETER, CLAMPS	66	1	SECTION OF HEAVY DUTY PALLET RACKING - NO CONTENTS
39	1	MISCELLANEOUS PRECISION INSTRUMENTS, TORQUE GAGE, BORE GAGES, BAKER INSIDE MICROMETER, 0-1" MITUTOYO MICROMETER	67	1	SHOP SHELF UNIT - NO CONTENTS
40	1	10-30 AND 30-50 MM INSIDE DIAL CALIPERS, PROTRACTOR	68	1	SECTION OF HEAVY DUTY PALLET RACKING - NO CONTENTS
41	1	GAGE BLOCK SETS AND ROLLING STORAGE UNIT	69	1	SHOP SHELF UNIT - NO CONTENTS
42	1	MITUTOYO DIAL TYPE INSIDE CALIPERS, SPI MICROMETERS	70	1	SHORT SECTION OF HEAVY DUTY PALLET RACKING - NO CONTENTS
43	1	MAGNUM ELECTRIC TORQUE WRENCH IN BOX	71	1	WELDING CURTAIN AND WOODEN SHOP BENCH
44	1	MAGNUM ELECTRIC RIGHT ANGLE TORQUE WRENCH IN BOX	72	1	SHOP SHELF UNIT WITH CONTENTS
45	1	AMETEK MODEL T-2 DISTILLED WATER SEAL PRESSURE PUMP; S/N 99743 (NEW 11/2007)	73	1	8" MODEL CS-108 BUFFER; S/N 06030158, ON TABLE, 120 VOLT
46	1	AMETEK PORTABLE PRESSURE TESTER, (2) PSI VIBRAGAUGES	74	1	CINCINNATI ELECTRIC MODEL 109 DUAL END PEDESTAL GRINDER; S/N 226848, 1 HP, 1/60/110 VOLT, 10" WHEEL
47	1	9" X 12" ANGLE PLATE	75	2	18" X 12" X 4" GRANITE SURFACE PLATES
48	1	6" WILTON VISE	76	2	LEVER ACTION GREASE GUNS
49	2	NSF ROLLING WIRE RACKS, NO CONTENTS	77	1	BATTERY POWERED DRILLS, BATTERIES AND CHARGERS
50	2	NSF ROLLING WIRE RACK - NO CONTENTS	78	1	GUARD AIR GUN HOLSTER WITH MAGNETIC ATTACHMENT
51	1	MAGNAFLUX MODEL MAGIII PARTICLE INSPECTION UNIT; S/N 80317, 1/60/230 VOLT	79	1	MISCELLANEOUS HAND TOOLS
52	1	ROCKWELL MODEL 3OUR BENCH TYPE HARDNESS TESTER; S/N 401	80	1	MISCELLANEOUS HAND TOOLS
53	1	PROPEN MODEL P3000 PEEN TYPE MARKING MACHINE; S/N P3000/D, PN-07-07-8271, 50/60 HZ, 115/230 VOLT (NEW 7/2007)	81	1	MISCELLANEOUS HAND TOOLS
54	4	TOUGHBILT SAW HORSE LEGS	82	1	LARGE ASSORTMENT OF 5C COLLETS
55	1	6.25 HP SHOP VAC SHOP VACUUM	83	1	R8 AND 5C COLLETS, R8 TOOLHOLDERS
56	2	VERNIER HEIGHT GAGES, 18" AND 24"	84	1	COLLET NOSE OF ASSORTMENT OF COLLETS
57	1	****WITHDRAWN FROM AUCTION**** DIAL INDICATOR STANDS	85	1	MILL SETUP HARDWARE
58	1	CHATILLON PRESSURE GAGE MOUNTED ON ALUMINUM STAND	86	1	ANGLE BLOCK AND TOOLBLOCKS
59	1	FEDERAL TEST STAND	87	1	WORKBENCH WITH VISE
60	1	72" X 24" X 1-3/4" WOOD TOP TABLE	88	1	BURR KING GRINDER / BUFFER; S/N BK36278
61	1	72" X 24" X 1-3/4" WOOD TOP TABLE	89	1	SECTION OF PALLET RACKING WITH SOFT LATHE JAWS, ANGLE BLOCKS
62	1	72" X 24" X 1-3/4" WOOD TOP TABLE	90	1	COMPOUND SINE PLATE, MOUNTING BASE
63	1	72" X 24" X 1-3/4" WOOD TOP TABLE	91	1	PHASE II TABLE MOUNTS RADIUS DRESSER IN BOX
64	1	30" X 60" SHOP TABLE	92	1	SUBURBAN TOOL MODEL MG-5CV-S1 COLLET INDEXER; S/N 51929905
65	1	SHOP SHELF UNIT WITH TOOL STORAGE RACK - NO CONTENTS	93	1	EXPANDING MANDRELS
			94	1	LATHE TOOLING
			95	1	DRILL CHUCKS, BUSHINGS
			96	1	LATHE LIVE CENTERS
			97	1	BORING BARS, MT TOOLHOLDERS
			98	1	BORING HEADS
			99	1	YUASA AND PHASE II COLLET INDEXERS, TAILSTOCK

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Lot Num	Qty.	Description	Lot Num	Qty.	Description
100	1	ROLLING CART WITH TOOLING ASSORTMENT, (2) ER40 COLLET HOLDERS, DRAWERED BIN WITH TOOLING, DRILL INDEX, PERISHABLE TOOLING INVENTORY	108	1	SMID COMPOUND VISE
			109	1	8" COMPOUND VISE
			110	1	4" MILLING VISE WITH ROTARY BASE AND TILT
101	1	2-WHEEL SHOP CARTS	111	1	6" MILLING VISE WITH TORQUE SPEED HANDLE
102	1	RIDGID SHOP VACUUM			
103	1	KNIGHTS MODEL KMT618-7 BENCH TOP DRAGON FIRE HEATTREAT FURNACE; S/N 388103, SENTRY 2.0 MICRO PROCESSOR, 13" X 18" X 13" CHAMBER SIZE, 2,400 DEGREES MAX TEMP	112	1	6" KURT MILLING VISE WITH HANDLE
			113	1	4" KURT MILLING VISE WITH KNOB
			114	1	4" KURT MILLING VISE WITH KNOB
			115	1	4" KURT MILLING VISE WITH KNOB
			116	1	5" MILLING VISE WITH ROTARY BASE AND TILT
104	1	6" X 18" ACER MODEL SUPRA 618 HAND FEED HORIZONTAL SPINDLE SURFACE GRINDER; S/N 99100878 (NEW 1999), LONGITUDINAL TABLE TRAVEL 20", CROSS TRAVEL 7-1/16", MAX DISTANCE TABLE TO SPINDLE CENTERLINE 18", MAX GRIND LENGTH 18" MAX GRIND WIDTH 7", 8" X 1/2" X 1-1/2" WHEEL SIZE, WITH SONY DIGITAL READOUT, 6" X 18" ACER PERMANENT MAGNETIC CHUCK **For convenience, the loading fee of \$200.00 will be added to the invoice and paid to the Exclusive Rigging and Removal Agent the "ERRA", Loading prices are valid from October 4th to October 18, 2023, SEE PRICING SPECIFICS**	117	1	6" KURT MILLING VISE WITH HANDLE
			118	1	6" KURT MILLING VISE WITH HANDLE
			119	1	6" KURT MILLING VISE WITH HANDLE
			120	1	6" KURT MILLING VISE WITH HANDLE
			121	1	6" KURT MILLING VISE WITH HANDLE
			122	1	6" KURT MILLING VISE WITH HANDLE
			122A	6	LATHE CHUCKS; 12" 4-JAW, 10" 6-JAW, 10" 3-JAW, 8" 4-JAW, 8" 3-JAW AND 10" 4-JAW
			122B	1	6" X 12" MAGNETIC CHUCK
			123	1	6" KURT MILLING VISE WITH HANDLE
			124	1	8" KURT MILLING VISE WITH HANDLE
			125	1	VISE PARALLELS WITH ROLLING SHOP CART
			126	1	18" X 48" HWACHEON MODEL HL460 GAP BED ENGINE LATHE; S/N 224803 (NEW 2000), 11" SWING OVER CROSS SLIDE, 9-1/2" GAP LENGTH, 28" SWING IN GAP, SPINDLE SPEEDS 32-1,800 RPM, CAMLOCK SPINDLE, INCH FEEDS, (640 .0011 - .247 IPR, INCH THREADS, (35) 4 - 80 TPI, 2" HOLE THRU SPINDLE, WITH 10" 6-JAW CHUCK, TAPER ATTACHMENT, COLLET CLOSER WITH COLLET NOSE, 17-1/2" FACEPLATE, 4" AND 10" STEADY RESTS, COLLANT, CARRIAGE STOP, THREAD CHASING DIAL, 3/60/220/440 VOLT, 7.5 HP **For convenience, the loading fee of \$300.00 will be added to the invoice and paid to the Exclusive Rigging and Removal Agent the "ERRA", Loading prices are valid from October 4th to October 18, 2023, SEE PRICING SPECIFICS**
105	1	BRIDGEPORT SERIES 1 VERTICAL MILLING MACHINE; S/N 283046, 9" X 42" TABLE, VARIABLE SPINDLE SPEEDS UP TO 4,200 RPM, WITH R8 SPINDEL NOSE, SERVO TYPE 150 POWER LONGITUDINAL FEED, NEWALL TOPAZ 2 AXIS DIGITAL READOUT, 2 HP **For convenience, the loading fee of \$350.00 will be added to the invoice and paid to the Exclusive Rigging and Removal Agent the "ERRA", Loading prices are valid from October 4th to October 18, 2023, SEE PRICING SPECIFICS**			
106	1	BRIDGEPORT SERIES 1 VERTICAL MILLING MACHINE; S/N 282670, 9" X 42" TABLE, VARIABLE SPINDLE SPEEDS UP TO 4,200 RPM, WITH R8 SPINDEL NOSE, SERVO TYPE 150 POWER LONGITUDINAL FEED, NEWALL TOPAZ 2 AXIS DIGITAL READOUT, WITH R8 COLLET SET **For convenience, the loading fee of \$350.00 will be added to the invoice and paid to the Exclusive Rigging and Removal Agent the "ERRA", Loading prices are valid from October 4th to October 18, 2023, SEE PRICING SPECIFICS**			
107	1	6" MILLING VISE WITH HANDLE			



Catalog for Auction: Bolttech Mannings, Inc.

Lot Num	Qty.	Description	Lot Num	Qty.	Description
127	1	22" X 120" HARRISON MODEL M550 GAP BED ENGINE LATHE; S/N SM0081 (NEW 1997), 14-1/2" SWING OVER CROSS SLIDE, 13" GAP LENGTH, 30" SWING IN GAP, SPINDLE SPEEDS 18-1,400 RPM, CAMLOCK SPINDLE, D1-11, INCH / METRIC, DP / MODULE THREADING, METRIC .2 - 14 MM, TPI 2 - 84 TPI, FEEDS IN INCH AND METRIC, 3.25: HOLE THRU SPINDLE, WITH NEWALL DP700 DIGITAL READOUT, TAPER ATTACHMENT, 15-3/4" 6-JAW CHUCK WITH 5-1/2" HOLE, 19-1/2" 4-JAW CHUCK WITH 5" HOLE, 20" FACEPLATE, 8" STEADY REST, 3/60/230 VOLT, 12-1/2 HP **For convenience, the loading fee of \$500.00 will be added to the invoice and paid to the Exclusive Rigging and Removal Agent the "ERRA", Loading prices are valid from October 4th to October 18, 2023, SEE PRICING SPECIFICS**	133	1	FANUC MODEL ROBOCUT A-OiC CNC WIRE EDM; S/N 04YC0411 (NEW 2004), TABLE AREA 21" X 14", X-AXIS 12.5", Y-AXIS 8.6", Z-AXIS 10.03", MAX WORK PIECES WEIGHT 1,100 LB., WITH FANUC 180is-WB CNC CONTROL, AUTOWIRE THREADING, DIELECTRIC FLUID TANK WITH FLUSH AND FILL, 3/60/230 VOLT **For convenience, the loading fee of \$900.00 will be added to the invoice and paid to the Exclusive Rigging and Removal Agent the "ERRA", Loading prices are valid from October 4th to October 18, 2023, SEE PRICING SPECIFICS**
			134	1	FANUC MODEL ROBOCUT A-OiC CNC WIRE EDM; S/N 043C0085 (NEW 2004), TABLE AREA 21" X 14", X-AXIS 12.5", Y-AXIS 8.6", Z-AXIS 10.03", MAX WORK PIECES WEIGHT 1,100 LB., WITH FANUC 180is-WB CNC CONTROL, AUTOWIRE THREADING, DIELECTRIC FLUID TANK WITH FLUSH AND FILL, 3/60/230 VOLT **For convenience, the loading fee of \$900.00 will be added to the invoice and paid to the Exclusive Rigging and Removal Agent the "ERRA", Loading prices are valid from October 4th to October 18, 2023, SEE PRICING SPECIFICS**
128	1	NSF ROLLING WIRE RACK WITH CONTENTS; VISE AND LATHE SOFT JAWS			
129	1	FOOT OPERATED LIFT CART			
130	1	FOOT OPERATED LIFT CART			
131	1	MILLER MODEL SYNCROWAVE 350LX CC/ AC /DC WELDING POWER SUPPLY; S/N LC010274, 17.4 KW, 300 AMP, 1/ 50 / 60 / 208 / 230 / 460 VOLT, WITH FOOT PEDAL, CABLES, CLAMP AND GUN, ON 4-WHEEL ROLLING CART	135	1	FANUC MODEL ROBOCUT A-01A CNC WIRE EDM; S/N 99401078 (NEW 1999), STORED OUTSIDE, FANUC SERIES 18iw CNC CONTROL ON BALCONY, TABLE AREA 21" X 14", X-AXIS TRAVEL 12.6", Y-AXIS TRAVEL 8.66", Z-AXIS TRAVEL 7", WITH AUTO WIRE THREADING, FLUSH / FILL TANK **For convenience, the loading fee of \$900.00 will be added to the invoice and paid to the Exclusive Rigging and Removal Agent the "ERRA", Loading prices are valid from October 4th to October 18, 2023, SEE PRICING SPECIFICS**
131A	1	SPINNER MODEL HD-728 DEBURRING AND POLISHING MACHINE, 9.25" DIAMETER BOWL			
132	1	FANUC MODEL A-OiA ROBOCUT CNC WIRE EDM; S/N 0150I175 (NEW 2001) TABLE AREA 21" X 14", X-AXIS 12.6", Y-AXIS 8.66", Z-AXIS 7" WITH FANUC 18i-W CNC CONTROL, AUTOMATIC WIRE THREADING, DIELECTRIC FLUID TANK WITH FLUSH AND FILL, **For convenience, the loading fee of \$900.00 will be added to the invoice and paid to the Exclusive Rigging and Removal Agent the "ERRA", Loading prices are valid from October 4th to October 18, 2023, SEE PRICING SPECIFICS**	135A	1	SHOP SHELF UNIT WITH EDM TOOLING AND LARGE QUANTITY OF FILTERS
			135B	1	EDM WIRE SUPPLY, BEDRA BOLINE BRASS, .25 MM

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Lot Num	Qty.	Description	Lot Num	Qty.	Description
136	1	12" X 24" ACER MODEL SUPRA-1428AHR/AHD THREE AXIS AUTOMATIC HORIZONTAL SPINDLE SURFACE GRINDER; S/N 99070624 (NEW 1999), 12" X 28" TABLE AREA, 28" MAX GRIND LENGTH, 13" MAX GRINDING WIDTH, DISTANCE TABLE TO SPINDLE CENTERLINE 24", 14" X 2" X 5" WHEEL SIZE, 5 HP SPINDLE MOTOR, WITH 12" X 24" WALKER ELECTROMAGNETIC CHUCK WITH CHUCK CONTROL, OVER THE WHEEL DRESSER, FILTRATION WITH MAGNETIC AND PAPER UNITS, REMOTE OPERATORS CONSOLE, POWER ELEVATION, SPARKOUT, 3/60/240 VOLT **For convenience, the loading fee of \$600.00 will be added to the invoice and paid to the Exclusive Rigging and Removal Agent the "ERRA", Loading prices are valid from October 4th to October 18, 2023, SEE PRICING SPECIFICS**	148	1	COSEN MODEL C-320 CNC DOUBLE COLUMN AUTOMATIC HORIZONTAL BAND SAW; S/N C1022579 (NEW 2013), ROUND CAPACITY 12.8", SQUARE CAPACITY 12.8", RECTANGULAR CAPACITY 15" X 12.8", BLADE SIZE 166.9" X 1.3" X .042", 4,240 MM X 34 MM X 1.1 MM, BLADE SPEED 20-100 M/MIN, 66-328 FPM, 5 HP, AUTO INDEX LENGTH SINGLE STROKE 15.9" WORKBED HEIGHT 31.3", WITH REMOTE OPERATORS CONSOLE, AUTO BLADE ELEVATION, AUTO CLAMP OUTFEED ROLLER CONVEYOR, COOLANT **For convenience, the loading fee of \$150.00 will be added to the invoice and paid to the Exclusive Rigging and Removal Agent the "ERRA", Loading prices are valid from October 4th to October 18, 2023, SEE PRICING SPECIFICS**
137	1	C&M TOPLINE BOWL TYPE VIBRATORY PARTS FINISHER	149	1	****WITHDRAWN FROM AUCTION****
138	1	FARO GAGE PLUS MEASURING MACHINE; S/N F-04-02-09-07719 (NEW 11/2021), WITH COMPUTER, BOOKS, SOFTWARE, STORAGE CASE, (2) BALL SPHERES			COSEN MODEL C-320NC-CE DOUBLE COLUMN AUTOMATIC HORIZONTAL BAND SAW; S/N 109CM00612, ROUND CAPACITY 12.6", SQUARE CAPACITY 12.6", RECTANGLE CAPACITY 12.6" X 15", BLADE SIZE 167" X 1.34" X .04", 4,240 MM X 34 MM X 1.1 MM, BLADE SPEED 15.80 M/MIN, 49-262 FPM, 5 HP, AUTO INDEX LENGTH, SINGLE STROKE 15.9", WORKBED HEIGHT 31.1", WITH REMOTE OPERATORS CONSOLE, AUTO BLADE ELEVATION, AUTO CLAMP, OUTBOARD CONVEYOR **For convenience, the loading fee of \$150.00 will be added to the invoice and paid to the Exclusive Rigging and Removal Agent the "ERRA", Loading prices are valid from October 4th to October 18, 2023, SEE PRICING SPECIFICS**
139	1	****WITHDRAWN FROM AUCTION**** 36" X 48" X 6" BLACK GRANITE SURFACE PLATE, DRILLED AND TAPPED			
140	1	JET MODEL JTM-4VS VARIABLE SPEED VERTICAL MILLING MACHINE; S/N 8081415, 9" X 49" TABLE, WITH JET LONGITUDINAL POWER FEED, 3 HP **For convenience, the loading fee of \$350.00 will be added to the invoice and paid to the Exclusive Rigging and Removal Agent the "ERRA", Loading prices are valid from October 4th to October 18, 2023, SEE PRICING SPECIFICS**			
141	1	16" DOALL VERTICAL BANDSAW; S/N 436807 WITH BLADE WELDER / GRINDER			
142	1	METABO CUTOFF SAW ON BASE			
143	1	8" JET DUAL END BENCH GRINDER; S/N 1108, WITH JET DUST COLLECTOR BASE			
144	1	FORKLIFT BARREL TILT ATTACHMENT			
145	1	EMPIRE MODEL PF-3642 SO-46474 PRO FINISH SHOT BLAST CABINET; S/N 9027			
146	1	BLACK OXIDE DIP LINE, (7) TANKS, TEMP CONTROLS			
147	1	300 LB. GANTRY CRANE WITH 600 LB. COFFING ELECTRIC HOIST WITH PENDANT			

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Lot Num	Qty.	Description	Lot Num	Qty.	Description
150	1	<p>****WITHDRAWN FROM AUCTION****            DOOSAN MODEL NHP4000 6-PALLET CNC HORIZONTAL MACHINING CENTER; S/N MH0028-000447 (NEW 4/2022), PALLET SIZE 400 MM 15.74", X-AXIS TRAVEL 560 MM 22.05", Y-AXIS TRAVEL 640 MM 25.20", Z-AXIS TRAVEL 660 MM 25.98", MAX LOAD ON PALLET 400 KG, SPINDLE SPEED MAX 15,000 RPM, SPINDLE TAPER CAT 40, SPINDLE HORSEPOWER 40/29.5/24.8, XYZ RAPIDS 60M/MIN, 2,362 IPM, CUTTING FEED RATES 1-30,000 MM/MIN, .04-1,181 IPM, SPINDEL NOSE TO TABLE 80-740 MM 3.15-29.13", SPINDLE CENTER TO PALLET 80-720MM 3.15-28.35" WITH FANCU SERIES 31i MODEL B CNC CONTROL, (4) POSITION ROUND TYPE AUTOMATIC PALLET CHANGING SYSTEM, 120 POSITON ATC, FULL 4TH AXIS, ANCILLARY PALLET STATION FOR SETUP, SHOWER COOLANT, THRU SPINDLE COOLANT, RENISHAW PROBE AND TOOL PRESETTER, VIDEO CAMERA, 300 WORK OFFSETS, LNS TURBO CHIP CONVEYOR, FEDERAL PACIFIC TRANFORMER, 112 KVA, PRIMARY 480 VOLT, SECONDARY 208 VOLT, RUN TIME 4,007 HOURS **For convenience, the loading fee of \$4,500.00 will be added to the invoice and paid to the Exclusive Rigging and Removal Agent the "ERRA", Loading prices are valid from October 4th to October 18, 2023, SEE PRICING SPECIFICS**</p>	151	1	<p>DOOSAN MODEL HC-400 TWIN PALLET CNC HORIZONTAL MACHINING CENTER; S/N MH0001-000812 (NEW 6/2014), PALLET SIZE 400 MM 15.74", X-AXIS TRAVEL 600 MM 23.62", Y-AXIS 560 MM 22.05", Z-AXIS 565 MM 22.24", B-AXIS 1 DEGREE, SPINDLE SPEEDS 10,000 RPM, SPINDLE TAPER CAT 40, SPINDLE HP 14/24, CUTTING FEEDS 1-20,000 M/MIN, .04-787.4 IPR, XYZ RAPID TRAVELS 40M/MIN 1.58 IPM, SPINDLE NOSE TO TABEL CENTER 150-715 MM 5.91-28.15", SPINDLE CENTER TO PALLET TOP 50-610 MM 1.97-24.02" WITH FANUC SERIES 32i MODEL B CNC CONTROL, 60 POSITION ATC, RENISHAW RMP60 PROBE HEAD WITH RED GARNET PROBE, 1 DEGREE PALLET ROTATION, COOLANT THRU SPINDLE, LNS TURBO CHIP CONVEYOR, HAMMOND POWER SYSTEMS TRANSFORMER, 75 KVA, PRIMARY 480 VOLT, SECONDARY 208 VOLT, HAMMOND POWER SYSTEMS TRANSFORMER 75 KVA, PRIMARY 480 VOLT, SECONDARY 208 VOLT, RUN TIM 579 HOURS **For convenience, the loading fee of \$1,800.00 will be added to the invoice and paid to the Exclusive Rigging and Removal Agent the "ERRA", Loading prices are valid from October 4th to October 18, 2023, SEE PRICING SPECIFICS**</p>

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Lot Num	Qty.	Description	Lot Num	Qty.	Description
152	1	DOOSAN DAEWOO MODEL DHC-400 TWIN PALLET CNC HORIZONTAL MACHINING CENTER; S/N HC400315 (NEW 10/2005), PALLET SIZE 400 MM 15.7", X-AXIS TRAVEL 600 MM 23.62", Y-AXIS TRAVEL 560 MM 22.05", Z-AXIS TRAVEL 565 MM 22.24", B-AXIS ROTATION 1 DEGREE, SPINDLE SPEED 10,000 RPM, SPINDLE TAPER CAT 40, SPINDLE HP 14/24, XYZ RAPID TRAVELS 32M/MIN, CUTTING FEED RATES 1-16,000 M/MIN, .04-629 IPM, SPINDLE NOSE TO TABLE CENTER 150-715 MM 5.91 - 28.15", SPINDLE CENTER TO PALLET TOP 50-610 MM 1.97-24.02", WITH FANUC SERIES 21i MODEL MB CNC CONTROL, 40 POSITION ATC, JORGENSON CHIP CONVEYOR, COOLANT WITH PROFLUID FILTER, FARGO ELECTRIC TRANSFORMER, 75 KVA, PRIMARY 480 VOLT, SECONDARY 208 VOLT **For convenience, the loading fee of \$1,800.00 will be added to the invoice and paid to the Exclusive Rigging and Removal Agent the "ERRA", Loading prices are valid from October 4th to October 18, 2023, SEE PRICING SPECIFICS**	156	1	DOOSAN MODEL TT1800SY DUAL SPINDLE LIVE TOOL CNC LATHE; S/N ML0177-000929 (NEW 7/2016), DISTANCE BETWEEN OPPOSED SPINDLE NOSES 980 MM, SWING OVER SADDLE 230 MM, RECOMMENDED TURNING DIAMETER 210 MM, MAX TURNING DIAMETER 230 MM, MAX WORK LENGTH 230 MM, BAR WORKING DIAMETER 65 MM, CHUCK SIZE 210 MM, SPINDLE NOSE AZ-6, SPINDLE THRU HOLE 76 MM, MAX SPINDLE SPEED 5,000 RPM, TOOL STATIONS 12 X 2, OD TOOL SIZE 20 MM X 20 MM, BORING BAR SIZE 32 MM, ROTARY TOOL SPEED 5,000 RPM, ROTARY TOOL MOTOR 5.5, X1-AXIS TRAVEL 165 MM, X2-AXIS TRAVEL 190 MM, Z1-AXIS TRAVEL 100 MM (+/-50), A-AXIS 770 MM, C1 AND C2 .001, X1a2 RAPIDS 20 M/MM, Z1aZ2 RAPIDS 40M/MIN, V-AXIS RAPIDS 7.5M/MIN, A-AXIS RAPIDS 40M/MM, C1 AND C2 RAPIDS 600, WITH FANUC SERIES 31 MODEL B CNC CONTROL, CHIP BLASTER MODEL J2-60 HIGH PRESSURE COOLANT SYSTEM; S/N T754 (NEW 3/2017), (2) 8" KITAGAWA 3-JAW BB208 CHUCKS, TOOL PRESETTER, HENNING CHIP CONVEYOR, 4-MOTOR COOLANT, GE TRANSFORMER, 75 KVA, 3/60, PRIMARY 480 VOLT, SECONDARY 208 VOLT, CAT NO. 9T83B3874, DUAL FOOT PEDAL, 220 VOLT **For convenience, the loading fee of \$1,400.00 will be added to the invoice and paid to the Exclusive Rigging and Removal Agent the "ERRA", Loading prices are valid from October 4th to October 18, 2023, SEE PRICING SPECIFICS**
153	1	400 MM FUTURE TOOL HYDRAULIC TOMBSTONE SYSTEM, 3 HP HYDRAULIC SYSTEM			
154	1	400 MM HMC PALLET WILL FIT DOOSAN NHP4000 DOOSAN HC400 HORIZONTAL MACHINING CENTER			
155	75	****WITHDRAWN FROM AUCTION**** CAT 40 TAPER TOOLHOLDERS, FOR DOOSAN NHP 4000 HORIZONTAL MACHINING CENTER			

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Lot Num	Qty.	Description	Lot Num	Qty.	Description
157	1	DOOSAN MODEL TT1800SY DUAL SPINDLE LIVE TOOL CNC LATHE; S/N ML0177-000927 (NEW 6/2016), DISTANCE BETWEEN OPPOSED SPINDLE NOSES 980 MM, SWING OVER SADDLE 230 MM, RECOMMENDED TURNING DIAMETER 210 MM, MAX TURNING DIAMETER 230 MM, MAX WORK LENGTH 230 MM, BAR WORKING DIAMETER 65 MM, CHUCK SIZE 210 MM, SPINDLE NOSE AZ-6, SPINDLE THRU HOLE 76 MM, MAX SPINDLE SPEED 5,000 RPM, TOOL STATIONS 12 X 2, OD TOOL SIZE 20 MM X 20 MM, BORING BAR SIZE 32 MM, ROTARY TOOL SPEED 5,000 RPM, ROTARY TOOL MOTOR 5.5, X1-AXIS TRAVEL 165 MM, X2-AXIS TRAVEL 190 MM, Z1-AXIS TRAVEL 100 MM (+/-50), A-AXIS 770 MM, C1 AND C2 .001, X1a2 RAPIDS 20 M/MM, Z1aZ2 RAPIDS 40M/MIN, V-AXIS RAPIDS 7.5M/MIN, A-AXIS RAPIDS 40M/MM, C1 AND C2 RAPIDS 600, WITH FANUC SERIES 31 MODEL B CNC CONTROL, CHIP BLASTER MODEL J2-60 HIGH PRESSURE COOLANT SYSTEM; S/N T753 (NEW 3/2017), (2) 8" KITAGAWA 3-JAW BB208 CHUCKS, TOOL PRESETTER, HENNING CHIP CONVEYOR, 4-MOTOR COOLANT, GE TRANSFORMER, 75 KVA, 3/60, PRIMARY 480 VOLT, SECONDARY 208 VOLT, CAT NO. 9T83B3874, DUAL FOOT PEDAL, 220 VOLT **For convenience, the loading fee of \$1,400.00 will be added to the invoice and paid to the Exclusive Rigging and Removal Agent the "ERRA", Loading prices are valid from October 4th to October 18, 2023, SEE PRICING SPECIFICS**	158	1	DOOSAN MODEL TT1800SY DUAL SPINDLE LIVE TOOL CNC LATHE; S/N ML0177-001030 (NEW 10/2017), DISTANCE BETWEEN OPPOSED SPINDLE NOSES 980 MM, SWING OVER SADDLE 230 MM, RECOMMENDED TURNING DIAMETER 210 MM, MAX TURNING DIAMETER 230 MM, MAX WORK LENGTH 230 MM, BAR WORKING DIAMETER 65 MM, CHUCK SIZE 210 MM, SPINDLE NOSE AZ-6, SPINDLE THRU HOLE 76 MM, MAX SPINDLE SPEED 5,000 RPM, TOOL STATIONS 12 X 2, OD TOOL SIZE 20 MM X 20 MM, BORING BAR SIZE 32 MM, ROTARY TOOL SPEED 5,000 RPM, ROTARY TOOL MOTOR 5.5, X1-AXIS TRAVEL 165 MM, X2-AXIS TRAVEL 190 MM, Z1-AXIS TRAVEL 100 MM (+/-50), A-AXIS 770 MM, C1 AND C2 .001, X1a2 RAPIDS 20 M/MM, Z1aZ2 RAPIDS 40M/MIN, V-AXIS RAPIDS 7.5M/MIN, A-AXIS RAPIDS 40M/MM, C1 AND C2 RAPIDS 600, WITH FANUC SERIES 31 MODEL B CNC CONTROL, (2) 8" KITAGAWA 3-JAW BB208 CHUCKS, TOOL PRESETTER, HENNING CHIP CONVEYOR, 4-MOTOR COOLANT, GE TRANSFORMER, 75 KVA, 3/60, PRIMARY 480 VOLT, SECONDARY 208 VOLT, CAT NO. 9T83B3874, DUAL FOOT PEDAL, 220 VOLT **For convenience, the loading fee of \$1,400.00 will be added to the invoice and paid to the Exclusive Rigging and Removal Agent the "ERRA", Loading prices are valid from October 4th to October 18, 2023, SEE PRICING SPECIFICS**

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Lot Num	Qty.	Description	Lot Num	Qty.	Description
159	1	DOOSAN MODEL TT1800SY DUAL SPINDLE LIVE TOOL CNC LATHE; S/N ML0177-000970 (NEW 4/2017), DISTANCE BETWEEN OPPOSED SPINDLE NOSES 980 MM, SWING OVER SADDLE 230 MM, RECOMMENDED TURNING DIAMETER 210 MM, MAX TURNING DIAMETER 230 MM, MAX WORK LENGTH 230 MM, BAR WORKING DIAMETER 65 MM, CHUCK SIZE 210 MM, SPINDLE NOSE AZ-6, SPINDLE THRU HOLE 76 MM, MAX SPINDLE SPEED 5,000 RPM, TOOL STATIONS 12 X 2, OD TOOL SIZE 20 MM X 20 MM, BORING BAR SIZE 32 MM, ROTARY TOOL SPEED 5,000 RPM, ROTARY TOOL MOTOR 5.5, X1-AXIS TRAVEL 165 MM, X2-AXIS TRAVEL 190 MM, Z1-AXIS TRAVEL 100 MM (+/-50), A-AXIS 770 MM, C1 AND C2 .001, X1a2 RAPIDS 20 M/MM, Z1aZ2 RAPIDS 40M/MIN, V-AXIS RAPIDS 7.5M/MIN, A-AXIS RAPIDS 40M/MM, C1 AND C2 RAPIDS 600, WITH FANUC SERIES 31 MODEL B CNC CONTROL, NO CHIP BLASTER, (2) 8" KITAGAWA 3-JAW BB208 CHUCKS, TOOL PRESETTER, HENNING CHIP CONVEYOR, 4-MOTOR COOLANT, HPS TRANSFORMER, 75 KVA, 3/60, PRIMARY 480 VOLT, SECONDARY 208 VOLT, CAT NO. 9T83B3874, DUAL FOOT PEDAL, 220 VOLT **For convenience, the loading fee of \$1,400.00 will be added to the invoice and paid to the Exclusive Rigging and Removal Agent the "ERRA", Loading prices are valid from October 4th to October 18, 2023, SEE PRICING SPECIFICS**	160	1	DOOSAN MODEL PUMA 200SY DUAL SPINDLE LIVE TOOL CNC LATHE; S/N P200SY0853 (NEW 5/2007), SWING 23.62", TURNING DIAMETER 12", BAR CAPACITY 2.6", SPINDLE SPEED 5,000 RPM, DISTANCE BETWEEN CHUCKS 22.8", 12-TURRET STATIONS, MAIN CHUCK 8" SAMCHULLY, 506 SPINDLE CHUCK, 6-1/2" SAMCHULLY WITH FANUC 18i-TB CNC CONTROL, PRESETTER, PARTS CATCHER, EXTERNAL PARTS BELT CONVEYOR, SUBSPINDEL, C-AXIS, Y-AXIS, COOLANT, TURBO CHIP CONVEYOR, (2) FOOT PEDALS, FARGO ELECTRIC TRANSFORMER, 51 KVA, PRIMARY 480 VOLT, SECONDARY 208 VOLT **For convenience, the loading fee of \$800.00 will be added to the invoice and paid to the Exclusive Rigging and Removal Agent the "ERRA", Loading prices are valid from October 4th to October 18, 2023, SEE PRICING SPECIFICS**
			160A	1	4-WHEEL ROLLING CART WITH (2) RADIAL LIVE TOOLS, (1) AXIAL LIVE TOOL, PERISHABLE TOOLING
			161	1	DOOSAN MODEL PUMA300C CNC LATHE; S/N ML0052-003716 (NEW 2/2012), SWING OVER BED 590 MM 23.23", SWING OVER SADDLE 450 MM 17.72", MAX TURNING DIAMETER 400 MM 15.74", MAX WORK LENGTH 630 MM 24.8", X-AXIS TRAVEL 282 MM 11.10", Z-AXIS TRAVEL 1,300 MM 52.36", SPINDLE SPEEDS 28-2,800 RPM, SPINDEL NOSE A2-11, SPINDLE BORE 155 MM 4.53", TURRET TOOLS 12, X-AXIS RAPID 29,000 MM/MIN, Z-AXIS RAPIDS 24,000 MM/MIN, WITH FANUC SERIES i CNC CONTROL, TOOL PRESETTER, HENNING CHIP CONVEYOR, 15" KITAGAWA B15 3-JAW CHUCK, COOLANT SYSTEM, HAMMOND POWER SOLUTIONS TRANSFORMER 45 KVA, SECONDARY 208 VOLT, 220 VOLT **For convenience, the loading fee of \$800.00 will be added to the invoice and paid to the Exclusive Rigging and Removal Agent the "ERRA", Loading prices are valid from October 4th to October 18, 2023, SEE PRICING SPECIFICS**

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Lot Num	Qty.	Description	Lot Num	Qty.	Description
162	1	DOOSAN MODEL PUMA 2100 CNC LATHE; S/N ML0089-000217 (NEW 1/2011), SWING OVER BED 780 MM, SWING OVER SADDLE 630 MM, MAX TURN DIAMETER 406 MM, MAX TURN LENGTH 520 MM, BAR WORK DIAMETER 65 MM, SPINDLE SPEEDS 4,500 RPM, SPINDLE NOSE A2-6, SPINDLE HOLE THRU 76 MM, TURRET TOOLS 12, X-AXIS TRAVEL 260 MM, Z-AXIS TRAVEL 590 MM, X AND Z AXIS RAPIDS 30 M/MIN WITH FANUC SERIES CNC CONTROL, 8" SAMCHULLY 3-JAW CHUCK, HENNING CHIP CONVEYOR, (2) FOOT PEDALS, (3) SQUARE D TRANSFORMERS, 3 KVA **For convenience, the loading fee of \$1,100.00 will be added to the invoice and paid to the Exclusive Rigging and Removal Agent the "ERRA", Loading prices are valid from October 4th to October 18, 2023, SEE PRICING SPECIFICS**	172	3	DOOSAN PUMA TT1800SY TURNING TOOL BLOCKS
			173	5	DOOSAN PUMA TT1800SY TURNING TOOL BLOCKS
			174	5	DOOSAN PUMA TT1800SY TURNING TOOL BLOCKS
			175	5	DOOSAN PUMA TT1800SY TURNING TOOL BLOCKS
			176	5	DOOSAN PUMA TT1800SY TURNING TOOL BLOCKS
			177	5	DOOSAN PUMA TT1800SY TURNING TOOL BLOCKS
			178	5	DOOSAN PUMA TT1800SY TURNING TOOL BLOCKS
			179	5	DOOSAN PUMA TT1800SY TURNING TOOL BLOCKS
			180	4	DOOSAN PUMA TT1800SY BORING BAR TOOL BLOCKS
			181	4	DOOSAN PUMA BORING BAR TOOL BLOCKS
163	1	DOOSAN MODEL PUMA 280 CNC LATHE; S/N PM2801149 (NEW 2/2009), SWING OVER BED 630 MM, SWING OVER SADDLE 500 MM, MAX TURN DIAMETER 420 MM, MAX TURN LENGTH 658 MM, BAR WORKING DIAMETER 76 MM, X-AXIS TRAVEL 242 MM, Z-AXIS TRAVEL 680 MM, SPINDLE SPEEDS 3,500 RPM, SPINDLE NOSE AZ-8, SPINDLE THRU HOLE 86 MM, TURRET TOOLS 10, X-AXIS RAPID 20 M/MM, Z-AXIS RAPID 24M/MM, MOTOR 18.5/22 WITH FANUC 21i-TB CNC CONTROL, 12" ACE 3-JAW CHUCK, HENNING CHIP CONVEYOR, COOLANT, (2) FOOT PEDALS, 220 VOLT, HAMMOND POWER SOLUTIONS, 45 KVA TRANSFORMER, SECONDARY 208 VOLT **For convenience, the loading fee of \$800.00 will be added to the invoice and paid to the Exclusive Rigging and Removal Agent the "ERRA", Loading prices are valid from October 4th to October 18, 2023, SEE PRICING SPECIFICS**	182	4	DOOSAN PUMA TT1800SY TURNING AND BORING TOOL BLOCKS
			183	4	DOOSAN PUMA TT1800SY BORING BAR TOOLHOLDERS
			184	4	DOOSAN PUMA TT1800SY BORING BAR TOOLHOLDERS
			185	4	DOOSAN PUMA TT1800SY BORING BAR TOOLHOLDERS
			186	4	DOOSAN PUMA TT1800SY BORING BAR TOOLHOLDERS
			187	4	DOOSAN PUMA TT1800SY BORING BAR TOOLHOLDERS
			188	4	DOOSAN PUMA TT1800SY TURNING TOOL BLOCKS
			189	2	DOOSAN PUMA TT1800SY AXIAL AND RADIAL LIVE TOOLS, MT AND EPPINGER BRAND
			190	2	DOOSAN PUMA TT1800SY AXIAL AND RADIAL LIVE TOOLS, MT AND EPPINGER BRAND
			191	2	DOOSAN PUMA TT1800SY AXIAL AND RADIAL LIVE TOOLS, MT AND EPPINGER BRAND
164	1	MISCELLANEOUS WRENCHES, SPANNER, ALLEN HEX KEYS			
165	2	BOXES OF DRILL BUSHINGS	192	2	DOOSAN PUMA TT1800SY AXIAL AND RADIAL LIVE TOOLS, MT AND EPPINGER BRAND
166	1	STRAIGHT SHANK COLLET TOOLHOLDERS			
167	1	MISCELLANEOUS PERISHABLE TOOLING			
168	1	MISCELLANEOUS PERISHABLE TOOLING	193	2	DOOSAN PUMA TT1800SY AXIAL AND RADIAL LIVE TOOLS, MT AND EPPINGER BRAND
169	1	CARBIDE INSERTS, LATHE TURNING TOOLS			
170	1	CARBIDE INSERTS AND DRIVERS			
171	1	SUMOCHAN TOOLING			

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Lot Num	Qty.	Description	Lot Num	Qty.	Description
194	2	DOOSAN PUMA TT1800SY AXIAL AND RADIAL LIVE TOOLS, MT AND EPPINGER BRAND	211	1	HAAS MODEL VF-4SS; S/N 1127657 (NEW 12/2015), TABLE SIZE 20-1/4" X 52", X-AXIS TRAVEL 50", Y-AXIS TRAVEL 20", Z-AXIS TRAVEL 25", SPINDLE SPEEDS 12,000 RPM, SPINDLE TAPER CAT 40, SPINDLE HP 30, RAPIDS 1,400 IPM, CUTTING FEEDS .1-833 IPM, SPINDLE NOSE TO TABLE TOP 7-32", TABLE LOAD 1,750 LB. WITH HAAS CNC CONTROL, 4TH AXIS READY, 24 POSITION ATC, THRU SPINDLE COOLANT, TOOL PROBE, DOUBLE ARM TOOL CHANGER, WORK LIGHTS, 6,500 ON TIME HOURS, 1,980 FEED CUTTING HOURS, 3/60/220 VOLT **For convenience, the loading fee of \$800.00 will be added to the invoice and paid to the Exclusive Rigging and Removal Agent the "ERRA", Loading prices are valid from October 4th to October 18, 2023, SEE PRICING SPECIFICS**
195	2	DOOSAN PUMA TT1800SY AXIAL AND RADIAL LIVE TOOLHOLDERS, MT BRAND			
196	2	DOOSAN PUMA TT1800SY AXIAL AND RADIAL LIVE TOOLHOLDERS, MT BRAND			
197	2	DOOSAN PUMA TT1800SY AXIAL AND RADIAL LIVE TOOLHOLDERS, MT BRAND			
198	2	DOOSAN PUMA TT1800SY AXIAL AND RADIAL LIVE TOOLHOLDERS, MT BRAND			
199	2	DOOSAN PUMA TT1800SY AXIAL AND RADIAL LIVE TOOLHOLDERS, MT BRAND			
200	2	DOOSAN PUMA TT1800SY AXIAL AND RADIAL LIVE TOOLHOLDERS, MT BRAND			
201	2	DOOSAN PUMA TT1800SY AXIAL AND RADIAL LIVE TOOLHOLDERS, MT BRAND			
202	3	DOOSAN PUMA TT1800SY AXIAL LIVE TOOLHOLDERS	212	1	HAAS MODEL HRC-210 ROTARY TABLE; S/N 230085
203	3	DOOSAN PUMA TT1800SY AXIAL LIVE TOOLHOLDERS	212A	1	6" KURT MILLING VISE
204	3	DOOSAN PUMA TT1800SY AXIAL LIVE TOOLHOLDERS	213	30	CAT 40 TAPER TOOLHOLDERS
205	3	DOOSAN PUMA TT1800SY AXIAL LIVE TOOLHOLDERS	214	1	HAAS MODEL VF-4 CNC VERTICAL MACHINING CENTER; S/N 8810 (NEW 11/1996), TABLE SIZE 18" X 52", X-AXIS TRAVEL 50", Y-AXIS TRAVEL 20", Z-AXIS TRAVEL 25", SPINDLE SPEEDS 8,000 RPM, SPINDLE TAPER CAT 40, SPINDLE HORSEPOWER 15 HP, RAPIDS 710 IPM, WITH HAAS CNC CONTROL, 20 ATC, PROGRAMMABLE COOLANT NOZZLE, SCRAP CHUTE **For convenience, the loading fee of \$750.00 will be added to the invoice and paid to the Exclusive Rigging and Removal Agent the "ERRA", Loading prices are valid from October 4th to October 18, 2023, SEE PRICING SPECIFICS**
206	11	DOOSAN PUMA TT1800SY LIVE TOOLHOLDERS ON ROLLING CART, (8) AXIAL TOOLHOLDERS, (3) RADIAL TOOLHOLDERS			
207	4	PRECI-FLEX TOOLHOLDERS			
208	1	SPINDLE DRIVE			
209	1	ALUMINUM PIE SAWS AND COLLET SET			
210	3	MACHINE TOOLBOXES	214A	1	****WITHDRAWN FROM AUCTION**** 24" X 18" X 6" THICK STARRETT GRANITE SURFACE PLATE - DRILLED AND TAPPED



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Lot Num	Qty.	Description	Lot Num	Qty.	Description
215	1	HAAS MODEL VF-3 CNC VERTICAL MACHINING CENTER VOP-D; S/N 35185 (NEW 4/2004), TABLE SIZE 18" X 48", X-AXIS TRAVEL 40", Y-AXIS TRAVEL 20", Z-AXIS TRAVEL 25", MAX TABLE LOAD 3,500 LB., SPINDLE SPEEDS 10,000 RPM, SPINDLE TAPER CAT 40, RAPIDS 1,000 IPM, WITH HAAS CNC CONTROL, 20 HP 2-SPEED GEARED, 4TH AXIS READY, 24 POSITION ATC, DOUBLE ARM TOOL CHANGER, THRU SPINDLE COOLANT, SCRAP CHUTE, WORK LIGHTS **For convenience, the loading fee of \$700.00 will be added to the invoice and paid to the Exclusive Rigging and Removal Agent the "ERRA", Loading prices are valid from October 4th to October 18, 2023, SEE PRICING SPECIFICS**	220	1	HAAS MODEL VF-3 CNC VERTICAL MACHINING CENTER; S/N 14355 (nEW 4/1998), TABLE SIZE 18" X 48", X-AXIS TRAVEL 40", Y-AXIS TRAVEL 20", Z-AXIS TRAVEL 25", TABLE LOAD 1,500 LB., SPINDLE SPEEDS 0-7,500 RPM, SPINDLE TAPER CAT 40, SPINDLE HORSEPOWER 20 HP, RAPIDS 710 IPM, SPINDLE NOSE TO TABLE TOP 4-29", WITH HAAS CNC CONTROL, 4TH AXIS READY, 20 POSITION ATC, SCRAP CHUTE **For convenience, the loading fee of \$700.00 will be added to the invoice and paid to the Exclusive Rigging and Removal Agent the "ERRA", Loading prices are valid from October 4th to October 18, 2023, SEE PRICING SPECIFICS**
216	28	LISTA ROLLER BEARING TOOL CABINET WITH CAT 40 TAPER TOOLHOLDERS	221	1	8" KURT MILLING VISE
217	1	6" KURT MILLING VISE	222	1	6" KURT MILLING VISE
218	1	HAAS MODEL HRT-210H ROTARY TABLE; S/N 218997	223	1	HAAS MODEL VF-3 CNC VERTICAL MACHINING CENTER; S/N 10986 (NEW 7/1997), TABLE SIZE 18" X 48", X-AXIS TRAVEL 40", Y-AXIS TRAVEL 20", Z-AXIS TRAVEL 25", TABLE LOAD 1,500 LB., SPINDLE SPEEDS 0-7,500 RPM, SPINDEL TAPER CAT 40, SPINDLE HORSEPOWER 15 HP, RAPIDS 710 IPM, SPINDLE NOSE TO TABLE TOP 4-29", WITH HAAS CNC CONTROL, 4TH AXIS READY, 20 POSITION ATC, SCRAP CHUTE **For convenience, the loading fee of \$700.00 will be added to the invoice and paid to the Exclusive Rigging and Removal Agent the "ERRA", Loading prices are valid from October 4th to October 18, 2023, SEE PRICING SPECIFICS**
219	1	HAAS MODEL VF-3 CNC VERTICAL MACHINING CENTER; S/N 15619 (NEW 7/1998), TABLE SIZE 18" X 48", X-AXIS TRAVEL 40", Y-AXIS TRAVEL 20", Z-AXIS TRAVEL 25", TABLE LOAD 1,500 LB., SPINDEL SPEEDS 0-7,500 PRM, SPINDLE TAPER CAT 40, SPINDLE HORSEPOWER 20, RAPIDS 710 IPM, SPINDLE NOSE TO TABLE TOP 4-29", WITH HAAS CNC CONTROL, HAAS AUTOMATIC PALLET CHANGER, (2) 18-1/4" X 38-3/4" T-SLOTTED PALLETS, PROGRAMMABLE COOLANT NOZZLE, SCRAP CHUTE, 20 POSITION ATC **For convenience, the loading fee of \$1,200.00 will be added to the invoice and paid to the Exclusive Rigging and Removal Agent the "ERRA", Loading prices are valid from October 4th to October 18, 2023, SEE PRICING SPECIFICS**	224	1	12" HAAS ROTARY TABLE; S/N 311153
			225	1	6" KURT MILLING VISE

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Lot Num	Qty.	Description	Lot Num	Qty.	Description
226	1	HAAS MODEL VF-3 CNC VERTICAL MACHINING CENTER; S/N 10635 (NEW 6/1997), TABLE SIZE 18" X 48", X-AXIS TRAVEL 40", Y-AXIS TRAVEL 20", Z-AXIS TRAVEL 25", TABLE LOAD 1,500 LB., SPINDLE SPEEDS 0-7,500 RPM, SPINDEL TAPER CAT 40, SPINDLE HORSEPOWER 15 HP, RAPIDS 710 IPM, SPINDLE NOSE TO TABLE TOP 4-29", WITH HAAS CNC CONTROL, 4TH AXIS READY, PROGRAMMABLE COOLANT NOZZLE, 20 POSITION ATC, SCRAP CHUTE **For convenience, the loading fee of \$700.00 will be added to the invoice and paid to the Exclusive Rigging and Removal Agent the "ERRA", Loading prices are valid from October 4th to October 18, 2023, SEE PRICING SPECIFICS**	231	1	****WITHDRAWN FROM AUCTION**** ZEISS MODEL CONTURA 10/16/6 DCC CMM; S/N 731702531220 (NEW 2/2017), 76-1/2" X 51-1/2" X 10" DRILLED AND TAPPED BLACK GRANITE SURFACE PLATE, 51-1/2" BETWEEN COLUMNS, 34-1/2" SURFACE TO BRIDGE, X-AXIS 39.4", Y-AXIS 62.99", Z-AXIS 23.6", WITH VAST XTR PROBE HEAD, MSR MINI MULTI SENSOR STORAGE RACK (4) PROBES, ZEISS BALL REFERENCE GATE, ZEISS CALYPSO SOFTWARE AND COMPUTER **For convenience, the loading fee of \$1,500.00 will be added to the invoice and paid to the Exclusive Rigging and Removal Agent the "ERRA", Loading prices are valid from October 4th to October 18, 2023, SEE PRICING SPECIFICS**
227	1	12" HAAS ROTARY TABLE; S/N 310567	231A	1	****WITHDRAWN FROM AUCTION**** MISCELLANEOUS THREAD GAUGES
228	2	6" KURT MILLING VISE			
229	1	HAAS MODEL VF-2 CNC VERTICAL MACHINING CENTER; S/N 8791 (NEW 11/1996), TABLE SIZE 14" X 36", X-AXIS TRAVEL 20", Y-AXIS TRAVEL 16", Z-AXIS TRAVEL 20", SPINDLE SPEEDS 0-7,500 RPM, SPINDEL TAPER CAT 40, SPINDLE HORSEPOWER 15 HP, RAPIDS 710 IPM, WITH HAAS CNC CONTROL, 20 POSITION ATC, SCRAP CHUTE **For convenience, the loading fee of \$600.00 will be added to the invoice and paid to the Exclusive Rigging and Removal Agent the "ERRA", Loading prices are valid from October 4th to October 18, 2023, SEE PRICING SPECIFICS**	232	1	****WITHDRAWN FROM AUCTION**** ZEISS DURAMAX 5/5/5 DCC CMM; S/N 732206120324 (NEW 2022), 19-1/2" X 19-1/2" PRECISION GROUND STEEL TABLE, MEASURING RANGE 500 MM X 500 MM X 500 MM, 19.7" X 19.7" X 19.7", WITH ZEISS VAST XXT PROBE HEAD, (6) STYLUS PROBE HEADS, (2) PROBE STORAGE RACKS, ZEISS BALL REFERENCE GAGE, ZEISS CALYPSO SOFTWARE AND COMPUTER **For convenience, the loading fee of \$500.00 will be added to the invoice and paid to the Exclusive Rigging and Removal Agent the "ERRA", Loading prices are valid from October 4th to October 18, 2023, SEE PRICING SPECIFICS**
230	1	HAAS MODEL MINI MILL CNC TOOLROOM MILL; S/N 24748 (NEW 3/2001), TABLE SIZE 12" X 36", X-AXIS TRAVEL 16", Y-AXIS TRAVEL 12", Z-AXIS TRAVEL 10", SPINDLE SPEEDS 6,000 RPM, SPINDLE TAPER CAT 40, RAPIDS 650 IPM, DISTANCE SPINDEL NOSE TO TABLE TOP 4-14", WITH HAAS CNC CONTROL, 10 POSITION ATC **For convenience, the loading fee of \$500.00 will be added to the invoice and paid to the Exclusive Rigging and Removal Agent the "ERRA", Loading prices are valid from October 4th to October 18, 2023, SEE PRICING SPECIFICS**	233	1	BROWN AND SHARPE MODEL MICROXCEL 7-10-5 CMM; S/N 07983323 (NEW 1998), 33" X 53" X 4" DRILLED AND TAPPED BLACK GRANITE SURFACE PLATE, 35" BETWEEN COLUMNS, 25-1/4" TABLE TO UNDERSIDE OF BRIDGE, RENISHAW BROWN AND SHARPE MODEL TP-ES PROBE HEAD, WITH HP COMPUTER WITH CMM MANAGER SOFTWARE, (4) GRANITE PROBES **For convenience, the loading fee of \$700.00 will be added to the invoice and paid to the Exclusive Rigging and Removal Agent the "ERRA", Loading prices are valid from October 4th to October 18, 2023, SEE PRICING SPECIFICS**

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Lot Num	Qty.	Description	Lot Num	Qty.	Description
234	1	SPI DIGITAL HEIGHT GAGE, 18" X 18" X 4" PINK GRANITE SURFACE PLATE, ANGLE BLOCK	257	1	13-DRAWER VIDMAR ROLLER BEARING STORAGE CABINET WITH ASSORTMENT OF PERISHABLE TOOLING, SET UP HARDWARE, SHIM STOCK
235	1	7-DRAWER SPECTRUM ROLLER BLARING TOOL CABINET	258	1	KENNEDY 12-DRAWER ROLLER BEARING STORAGE CABINET WITH LARGE ASSORTMENT OF PERISHABLE TOOLING, DRILLS
236	1	MISCELLANEOUS PRECISION INSTRUMENTS; VISE, PERM MAGNETIC CHUCK, 3-JAW CHUCK, MILLING VISE, V-BLOCKS, SETUP HARDWARE ON SHELF UNIT	259	1	KENNEDY 12-DRAWER ROLLER BEARING STORAGE CABINET WITH LARGE ASSORTMENT OF CARBIDE INSERTS, MILLING, THREADING TOOLS, COUNTERBORES
237	2	ULINE WIRE RACK, ULINE ROLLING WIRE CART, THREAD AND RUNG GAGES	260	1	LYON 8-DRAWER ROLLER BEARING STORAGE CABINET; HUGE ASSORTMENT OF COLLETS, STRAIGHT SHANK COLLET TOOLHOLDERS
238	5	CAT NO. 40 TAPER TOOLHOLDERS	261	1	LARGE ASSORTMENT OF COLLETS AND RETENTION STUDS, HAND TOOLS, SHOP WORKHEAD
239	5	CAT NO. 40 TAPER TOOLHOLDERS	262	2	HUOT LARGE TOOL INDEXES WITH TAPS, DRILLS, (3) SMALL DRILL INDEXES, FRACTIONAL AND NUMERAL DRILL INVENTORY, (2) LIGHTED MAGNIFYING GLASSES, DIAL CALIPER AND INSIDE MICROMETER SET
240	5	CAT NO. 40 TAPER TOOLHOLDERS	263	4	SHELF UNITS WITH MISCELLANEOUS METALS, HELICOIL SETS
241	5	CAT NO. 40 TAPER TOOLHOLDERS	264	1	****WITHDRAWN FROM AUCTION**** 7" X 16-3/4" TOOLEX 4-SIDED TOMBSTONE
242	5	CAT NO. 40 TAPER TOOLHOLDERS	265	2	****WITHDRAWN FROM AUCTION**** 7" X 16-3/4" TOOLEX 4-SIDED TOMBSTONES
243	5	CAT NO. 40 TAPER TOOLHOLDERS	266	1	16-1/4" X 19" TWO SIDED TOMBSTONE
244	5	CAT NO. 40 TAPER TOOLHOLDERS	267	1	16-1/4" X 19" TWO SIDED TOMBSTONE
245	5	CAT NO. 40 TAPER TOOLHOLDERS	268	1	15-3/4" X 26" TWO SIDED TOMBSTONE
246	5	CAT NO. 40 TAPER TOOLHOLDERS	269	1	****WITHDRAWN FROM AUCTION**** 16-1/4" X 16-1/4" X 26" FOUR SIDED TOMBSTONE
247	5	CAT NO. 40 TAPER TOOLHOLDERS	270	1	13-3/4" X 13-3/4" X 27" FOUR SIDED TOMBSTONE
248	5	CAT NO. 40 TAPER TOOLHOLDERS	271	1	****WITHDRAWN FROM AUCTION**** 14-3/4" X 14-3/4" X 26-1/2" FOUR SIDED TOMBSTONE
248A	5	CAT 40 TAPER TOOL HOLDERS	272	1	18" X 20" TWO SIDED DRILLED AND TAPPED TOMBSTONE
248B	5	CAT 40 TAPER TOOL HOLDERS	273	1	7" X 7" X 22" FOUR SIDED TOMBSTONE WITH (2) 6" KURT VISES WITH HANDLE
248C	5	CAT 40 TAPER TOOL HOLDERS	274	1	7" X 7-1/2" X 18" FOUR SIDED TOMBSTONE
248D	5	CAT 40 TAPER TOOL HOLDERS	275	2	7-3/4" X 18-1/2" FOUR SIDED TOMBSTONE
248E	5	CAT 40 TAPER TOOL HOLDERS	276	1	15-3/4" X 18-3/4" TWO SIDED TOMBSTONE WITH 8" MILLING VISE
249	43	CAT NO. 40 TAPER TOOLHOLDERS WITH ROLLING RACK	277	1	15-1/4" X 20" TWO SIDED TOMBSTONE
250	50	CAT NO. 40 TAPER TOOLHOLDERS WITH (2) ROLLING TOOL RACKS			
251	1	STOR-LOC MODULAR TOOL STORAGE PORTABLE RACK, (105) CAT NO. 40 TAPER TOOLHOLDERS, CARBIDE INVENTORY, FACE MILLS			
252	95	CAT NO. 40 TAPER TOOLHOLDERS WITH RACK			
253	1	20 TON SUNEX HYDRAULIC SHOP PRESS			
254	1	BALDOR DUAL END PEDESTAL GRINDER, 1/2 HP, 1/60/115/230 VOLT			
255	1	DAREX DRILL GRINDER; S/N 534018C, 1/3 HP, (2) DRILL HOLDERS			
256	1	VIDMAR 15-DRAWER ROLLER BEARING STORAGE CABINET WITH EXTENSIVE PERISHABLE INVENTORY, REAMERS, DRILLS, END MILLS			

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Lot Num	Qty.	Description	Lot Num	Qty.	Description
278	1	10" X 10" X 15" FOUR SIDED TOMBSTONE	305	1	2,000 LB. P-HOP-1.0 DUMPING SCRAP HOPPER
279	1	9" X 9" X 13" FOUR SIDED TOMBSTONE			
280	1	12" X 12" X 11" FOUR SIDED TOMBSTONE	306	1	WOOD TOP SHOP TABLE WITH (2) LISTA ROLLER BEARING STORAGE CABINETS
281	1	****WITHDRAWN FROM AUCTION**** WIRE STORAGE RACK WITH CONTENTS	307	1	DELETE
282	1	8-1/4" X 23" ROTATING FIXTURE, TWO VISES	308	1	WOOD TOP SHOP DESK AND CONTENTS, WOOD TOP SHOP TABLE
283	1	HAAS ROTARY TABLE; S/N 212192, WITH 8" 3-JAW CHUCK, COLLET NOSE, NEEDS REPAIR	309	2	WOOD TOP SHOP DESK WITH CONTENTS
			310	2	WOOD TOP SHOP DESK WITH CONTENTS
			311	1	****WITHDRAWN FROM AUCTION**** LISTA SHOP DESK WITH ROLLER BEARING STORAGE CABINET
284	1	TENNANT MODEL 7300 SIT DOWN FLOOR SCRUBBER; S/N 7300-1766, 36 VOLT, BATTERY WITH CHARGER 235 HOURS	312	1	LISTA SHOP DESK WITH ROLLER BEARING STORAGE CABINET
285	3	METAL 4-WHEEL SHOP CARTS			
286	3	PLASTIC 4-WHEEL SHOP CARTS	313	1	WOOD TOP SHOP TABLE
287	1	HYDRAULIC LIFT TABLE, FOOT OPERATED	314	1	METAL STORAGE RACK WITH INVENTORY
287A	1	****WITHDRAWN FROM AUCTION**** HYDRAULIC LIFT TABLE, FOOT OPERATED	315	1	(LOT) ASSORTED LIFTING DEVICES
			316	1	(LOT) CONTAINER OF NYLON SLINGS
288	1	JET PALLET JACK	317	1	(LOT) SKID OF COMFORT MATS
289	1	LARGE METAL ROLLING SHOP CART	318	3	STEEL SHOP CARTS
290	1	WOOD TOP SHOP TABLE	318A	1	1,100 LB GLOBAL HYDRAULIC LIFT CART, 32" X 63" PLATFORM
291	2	WORKSMART ROLLING TOOL CHESTS AND CONTENTS			
			319	4	WIRE RACKS - (2) ROLLING, (2) STATIC
292	1	WOOD TOP SHOP TABLE, WOOD TOP SHOP DESK	320	1	ROLLING TOOL BOX, 58" X 54" INSIDE DIMENSIONS
293	1	SKID OF ANGLE BLOCKS	321	1	ROLLING TOOL BOX, 58" X 54" INSIDE DIMENSIONS
294	1	SHOP SHELF AND CONTENTS			
295	1	7" X 7-1/2" X 18" FOUR SIDED TOMBSTONE	322	1	ROLLING TOOL BOX, 58" X 54" INSIDE DIMENSIONS
296	1	BALDOR DUAL END PEDESTAL GRINDER, 1/2 HP, 1/60/115/230 VOLT	323	1	ROLLING TOOL BOX, 58" X 54" INSIDE DIMENSIONS
297	1	JET DUAL END BENCH GRINDER WITH PEDESTAL BASE	324	1	OPEN
298	1	11-DRAWER VIDMAR STYLE ROLLER BEARING STORAGE CABINET WITH CONTENTS	325	9	SECTIONS 42" X 96" X 15' HIGH PALLET RACK, (10) UPRIGHTS, (54) CROSS BEAMS, (54) SECTIONS OF WIRE DECKING ** NO CONTENTS - DELAYED REMOVAL - PICKUP
299	1	PALLET RACK SECTION AND SHOP SHELF UNIT WITH CONTENTS			**
300	1	2,000 LB. P-HOP-1.5 DUMPING SCRAP HOPPER	326	9	SECTIONS 42" X 96" X 15' HIGH PALLET RACK, (10) UPRIGHTS, (54) CROSS BEAMS, (54) SECTIONS OF WIRE DECKING ** NO CONTENTS - DELAYED REMOVAL - PICKUP
301	1	****WITHDRAWN FROM AUCTION**** 2,000 LB. P-HOP-1.0 DUMPING SCRAP HOPPER			**
302	1	2,000 LB. P-HOP-1.0 DUMPING SCRAP HOPPER	327	9	SECTIONS 42" X 96" X 15' HIGH PALLET RACK, (10) UPRIGHTS, (54) CROSS BEAMS, (54) SECTIONS OF WIRE DECKING ** NO CONTENTS - DELAYED REMOVAL - PICKUP
303	1	2,000 LB. P-HOP-1.0 DUMPING SCRAP HOPPER			**
303A	1	2,000 LB. P-HOP-1.0 DUMPING SCRAP HOPPER			**
304	1	2,000 LB. HOP-LP DUMPING SCRAP HOPPER			**

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Lot Num	Qty.	Description	Lot Num	Qty.	Description
328	9	SECTIONS 42" X 96" X 15' HIGH PALLET RACK, (11) UPRIGHTS, (54) CROSS BEAMS, (54) SECTIONS OF WIRE DECKING ** NO CONTENTS - DELAYED REMOVAL - PICKUP **			
329	4	SECTIONS 42" X 56" X 15' HIGH PALLET RACK, (5) UPRIGHTS, (21) CROSS BEAMS, (20) SECTIONS OF WIRE DECKING ** NO CONTENTS - DELAYED REMOVAL - PICKUP **			
330	11	AIR LINE REELS			
331	1	WELDON MODEL 200 END MILL SHARPENING FIXTURE			
332	1	DELETÉ			
333	1	CHICK DOUBLE JAW VISE			
334	1	CUTTERMASTER GRINDING FIXTURE			
335	1	INDI-SQUARE CO MODEL 18X SQUARE			
336	1	KANTO AUTOMATIC OIL TEMP REGULATOR			
337	1	REMCOR LIQUID COOLER			
338	1	DAYTON HYDRAULIC LIFT TABLE			