LIVE ONSITE & WEBCAST AUCTION LATE MODEL CNC MACHINING & TURNING CENTERS MACHINE TOOLS – INSPECTION – PLANT SUPPORT

By Order of : Mikco Manufacturing Technologies 14 Village Lane, Wallingford, Connecticut, USA

SALE DATE: WEDNESDAY, JULY 20th, 10:30 AM (ET) INSPECTION: TUESDAY, JULY 19th, 9:00 - 4:00 (ET)



DMG MORI-SEIKI # NHX-4000 "4-AXIS" CNC HORIZONTAL MACHINING OKUMA # MA-400HA "5-AXIS" CNC HORIZONTAL MACHINING CENTER



Low Hours

> Sale under Management of: Thomas Industries, Inc. 2414 Boston Post Road, Guilford, CT 06437-2310 Phone (203) 458-0709 • Fax (203) 458-0727 email: gavel@thomasauction.com www.thomasauction.com



1 of 2

Tom DeCosmo, Jr. (413) 530-0019 tdecosmo@thomasauction.com

EXCELLENTLY MAINTAINED LATE MODEL EQUIPMENT





OKUMA # MA-400HA "5-AXIS" CNC HORIZONTAL MACHINING CENTER W/ TSUDAKOMA 5TH-AXIS ROTARY TABLES

CNC - HORIZONTAL MACHINING CENTERS

(New 2015) Okuma "SPACE-CENTER" # MB-4000H "4-Axis" CNC Horizontal Machining Center w/ (2) 15.75" x 15.75" Pallets, Travels: 22.05"-X, 22.05"-Y, 24.61"-Z, Glass Feedback Scales, Full "B" .001 Deg. Rotary 4th-Axis, Max. Work-piece 23.62" x 35.43", CAT-# 40 "Big Plus" Spindle, 15,000 RPM, 35/25 HP, Spindle Chiller, (64) Position ATC, Tool Breakage Detection, Renishaw Work Probing, Full Enclosure, 1000 PSI High Pressure Thru-Spindle Coolant, Shower Coolant, Twin Coil Type Chip Conveyors & Lift Up Chip Conveyor, Ballscrew Chiller, Light Tower, Transformer & Okuma OSP-P300M-THiNC CNC Control w/ 15" Touchscreen, S/N 188023 (Installed New 2016)

(New 2014) DMG Mori-Seiki # NHX-4000 "4-Axis" CNC Horizontal Machining Center w/ (2) 15.75" x 15.75" Pallets, Travels: 22.04"-X,



HITACHI-SEIKI # HG-400-II "4-AXIS" CNC HORIZONTAL MACHINING CENTER

22.04-Y, 25.98"-Z, Glass Feedback Scales, Full "B" .001 Deg. Rotary 4th-Axis, CAT-# 40 "Big Plus" Spindle, 12,000 RPM, (60) Position ATC, 40/25 HP, Rigid Tapping, Full Enclosure, Chip Blaster # J-30 High Pressure Coolant Thru-Spindle, Chip Conveyor, "Mist-Blaster" mist Collector, Renishaw Infra-red Probing & DMG Mori-Seiki M-730BM CNC Control, S/N NHX40140112

- Okuma "SPACE-CENTER" # MA-400HA "5-Axis" CNC Horizontal Machining Center w/ (2) 15.75" x 15.75" Pallets, Travels: 22.05"-X, 24.02-Y, 24.61"-Z, Glass Feedback Scales, Full "B" .001 Deg. Rotary 4th-Axis, CAT-# 40 Spindle, 12,000 RPM, (60) Position ATC, 20 HP, Rigid Tapping, Full Contouring "A" over "B" 5th-Axis Tsudakoma 250mm Rotary Table, Tri-Mist Mist Collector, Full Enclosure, Chip Blaster High Pressure Coolant Chip Conveyor, Renishaw Probing & Okuma OSP-P200M CNC Control, S/N 128881
- Okuma "SPACE-CENTER" # MA-400HA "5-Axis" CNC Horizontal Machining Center w/ (2) 15.75" x 15.75" Pallets, Travels: 22.05"-X, 24.02-Y, 24.61"-Z, Glass Feedback Scales, 1 Deg. Rotary 4th-Axis, CAT-# 40 Spindle, 12,000 RPM, (60) Position ATC, 20 HP, Rigid Tapping, Full Contouring "A" over "B" 5th-Axis Tsudakoma 250mm Rotary Table, Tri-Mist Mist Collector, Full Enclosure, Chip Blaster High Pressure Coolant Chip Conveyor, Renishaw Probing & Okuma OSP-P200M CNC Control, S/N 130710
- (New 2000) Hitachi-Seiki # HG-400-II "4-Axis" CNC Horizontal Machining Center w/ (2) 15.75" x 15.75" Pallets, Travels: 22"-Y, 23"-Y, 20"-Z, (30) Position ATC, 15 HP, Full "B" .001 Deg. Rotary 4th-Axis, CAT-# 40 Spindle, 12,000 RPM, Full Enclosure, Coolant System, Chip Conveyor & SEICOS 10M CNC Control, S/N HG43418

BID ONSITE OR LIVE AT WWW.BIDSPOTTER.COM

SALE DATE: WEDNESDAY, JULY 20, 10:30 AM (ET)



CITIZEN # L-20 CNC SWISS TYPE SCREW MACHINE



MORI-SEIKI # NVX-5080/40 CNC VERTICAL MACHINING CENTER

CNC - SWISS TYPE & MULTI-AXIS LATHES
(New 2006) Citizen # L-20 CNC Swiss Type Screw Machine w/ 7-Axis, 20mm Capacity, Citizen # CAV-20-IS Hydraulic Bar Feed, Cool Blaster # 850 Mist Collector & CINCOM CNC Control, S/N 015541
(New 2002) Citizen # M-32 CNC Swiss Type Screw Machine w/ 9-Axis, 32mm, IEMCA # Boss 432-37 Hydraulic Bar Feed, Cool Blaster CB-510 Coolant System, Mist-Buster "Quad" Mist Collector & CINCOM CNC Control, S/N M22032/0618

(New 2007) EUROTECH-Elite # 710-SLLY "Quattroflex" CNC "9-Axis" Turning Center w/ Twin Turret, Y-Axis, Sub-Spindle, Milling, Top Automation Magic Bar Feed, Coolant System, Chip Conveyor & GE FANUC 18i-TB CNC Control, S/N 9312



CITIZEN # M-32 CNC SWISS TYPE SCREW MACHINE



HITACHI-SEIKI # VM-40H CNC VERTICAL MACHINING CENTER

CNC - VERTICAL MACHINING CENTERS

(New 2011) Mori-Seiki # NVX-5080/40 CNC Vertical Machining Center w/ Travels: 31.49"-X, 20.86"-Y, 20.07"-Z, Table Size: 43.30"x 23.62", # CAT-40 Spindle, 12,000 RPM, 30 HP, (30) Position ATC, Full Enclosure, Coolant System, Chip Conveyor & Mori Seiki MSX-853-IV CNC Control, S/N NV502JL0062

(2) Hitachi-Seiki # VM-40H CNC Vertical Machining Centers w/ Travels: 22"-X, 22"-Y, 20"-Z, Table Size: 29.9"x 16.1", # CAT-40 Spindle, 7.5 HP, 6,000 RPM, (20) Position ATC, Full Enclosure, Coolant System & SEICOS CNC Control, S/N VM4217HL & VM4207HL

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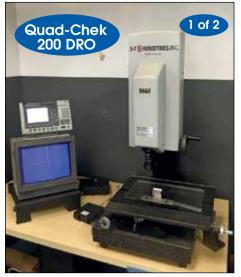
EUROTECH-ELITE # 710-SLLY "QUATTROFLEX" **"9-AXIS" TURNING CENTER** CNC



GROB VERTICAL BAND SAW



SUPERMAX VERTICAL MILLER



ST INDUSTRIES # 9000 OPTICAL INSPECTION **STATION**

CNC - TURNING CENTER Hitachi-Seiki # HTS-23S-III CNC

Turning Center w/ 10" Kitagawa Hyd. 3-Jaw Chuck, 15" Swing, 8" Max. Turn Diameter, 15" Max. Turn Length, (10) Position Turret, 2.3" Spindle Hole, 20/25 HP, Toolsetter, Tailstock, Coolant System, Chip Conveyor & SEICOS-L-Multi CNC Control, S/N HTS-3229

FINISHING EQUIPMENT

TRINCO # 42X24 Dry Blast Cabinet w/ Dust Collector, S/N 30319



REGO-FIX" & "LYNDEX" # CAT-40 CNC TOOL HOLDERS



VIEW OF CNC TOOLHOLDERS

INSPECTION EQUIPMENT

- ST Industries # 20-9700 Optical Inspection System, S/N 133701
- Brown & Sharpe Micro-Val Coordinate Measuring Machine w/ Renishaw TP IS Probe, S/N 101591
- ST Industries # 9000 Optical Inspection Station w/ Quad-Check 200 DRO
- Deltronic # Image-Master Optical Comparator w/ DRO, S/N A2803316

Miscellaneous Inspection Tooling Including: Granite Surface Plates, Height Stands, Dial Indicators, Test Stands, Pin

Gages, Block Gages, Thread Gages, Etc.

MILLING MACHINES Supermax # YCM-1 1/2VS **Vertical Milling Machine** w/ 9" X 42" Table, 2 HP, S/N 0315552

SAWS - BAND SAWS

Grob # 4V-18 Vertical Band Saw w/ Blade Welder-Grinder, S/N 3729

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KURT "CLUSTER-TOWER" TOMBSTONES W/ VISES



MHT-MITSUI # MSG-250MH SURFACE GRINDER



FLEX-ARM PNEUMATIC TAPPING UNIT



INGERSOLL-RAND ROTARY SCREW AIR COMPRESSOR



MITSUBISHI # FGC-15K FORKLIFT TRUCK W/ 3,000 LB. CAP.



ZEKS AIR DRYERS



HITACHI-SEIKI # HTS-23S-III CNC TURNING CENTER

LISTA H.D. TOOL CABINET



BROWN & SHARPE "MICRO-VAL" CMM

SURFACE GRINDERS MHT-Mitsui # MSG-250MH Surface Grinder w/ 6"x 18" Magnetic Chuck, S/N 88015160

AIR COMPRESSORS – DRYERS

Ingersoll- Rand # IRN-15-CC-150-L, 15 HP Rotary Screw Air Compressor, S/N NC0147U07173 Ingersoll Rand 10 HP #T-30-2545 Air Compressor, S/N 4026682 ZEKS # 75HSGA100 Air Dryer, S/N 275070-2-M107 ZEKS # 35HSEA100 Air Dryer, S/N 158522-2-M300

FORKLIFTS - MATERIAL HANDLING Mitsubishi # FGC-15K Forklift Truck w/ 3,000 lb. Cap., Double Mast, 130" Lift Height, Solid Tires, S/N AF81E00305

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LARGE QUANTITY OF VISES, TOMBSTONES & CNC TOOLING



VIEW OF KURT & CHICK VISES



VIEW OF KURT & MID-STATE TOMBSTONES



EUROTECH-ELITE # 710-SLLY "QUATTROFLEX" "9-AXIS" TURNING CENTER CNC



VIEW OF GRINDERS



SAND BLAST W/ DUST COLLECTOR



VIEW OF INSPECTION & GRANITE PLATE

PLANT SUPPORT

(7) Lista Multi Drawer Tool Cabinet W/ Contents (300+) "Rego-Fix" & "Lyndex" # CAT-40 CNC Tool Holders

(15) KURT "Double-Lock" Precision Vises

- (6) KURT "Cluster-Tower" Tombstones w/ Vises (As New as 2016)
- (8) Precision Aluminum 400mm Tombstones
- (5) H.D. CNC Toolholder Portable Carts
- (2) Cantilever Type Inventory Racks

(9) Assembly Work Benches w/ Magnifying Lights Citizen-Cincom # TP-1000 Toolsetter, S/N 10201 Kalamazoo 4" Belt Sander

Baldor 1/2 HP # 500 Double End Precision Pedestal Grinder



VIEW OF WOOD-TOP WORK BENCH



VIEW OF H.D. SHELVING

VIEW OF OFFICE FURNITURE

Powermatic # 1150 Floor Type Drill Press, S/N 67-1479 Baldor 3/4 HP # 8107WHeavy Duty Double End Grinder w/ Dust Collector

Craftsman # 152219110, 12" Drill Press, S/N 0525W 6" Double End Grinder

Miscellaneous Plant Support Equipment Including: Heavy Duty Racking, U-Line Metro Type Portable Shelving Units, Dock Plate, Hand Trucks, Barrel Trucks, Ladders, Work Benches W/ Vises, Portable Carts, Fans, Vises, Etc.

Office Furniture & Equipment, Located Throughout Office Area, Including But Not Limited To: Private Offices, Receptionist Area, Desks, File Cabinets, Tables, Swivel Chairs, Desktop Computers, Printers, Copiers, Network Equipment, Etc.

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AUCTION INFORMATION

LIVE ONSITE & WEBCAST AUCTION

Mikco Manufacturing Technologies

14 Village Lane, Wallingford, Connecticut, USA

SALE DATE: WEDNESDAY, JULY 20th, 10:30 AM (ET)

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Buyer's Premium: 15% Onsite & 18% Webcast

Payment Due In Full:

Thursday, July 21st, 2016

Removal: All items must be removed by Wednesday, August 3, 2016. NO EXCEPTIONS

Onsite Registration: Onsite registration is the morning of the sale. In order to obtain a bid paddle a \$100 refundable deposit is due at time of registration. Webcast Registration:

Bidspotter.com Live Webcast Bidding Available:



Payment Types: Certified Check or Wire Transfer Disclaimer: Auctioneer is not responsible for errors, omissions, additions or deletions. Items offered may not necessarily be sold as described and/or photographed. Buyers should verify all aspects of their potential purchases during inspection as all items offered will be sold "as is, where is" with all faults. Please check with the auctioneer's office for additions or deletions.

UPCOMING AUCTION PAK Mfg.,Inc. (Surgical Instrument Mfgs) VERY LATE MODEL: DOOSAN CNC AGIE WIRE & SINKER EDM OKUMA VMC's Onsite - Webcast TUESDAY, AUGUST 16th, 2016 IRVINGTON, NEW JERSEY



Under Management of: **THOMAS INDUSTRIES** 2414 Boston Post Road Guilford, CT 06437-2310 (203) 458-0709 • (203) 458-0727 Fax http://www.thomasauction.com

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- **Removal Costs**: Buyers are fully responsible for all cost to remove their purchases. Please get removal quotes prior to bidding and bid accordingly. All Riggers must be approved by Auctioneer and/or Consignors.
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- **Proxy Bids:** If you are unable to participate in this sale Proxy Bids are accepted. Proxy bids may be submitted online directly from the lot catalog or call (203) 458-0709 for a proxy bid form.

TECHNICAL INFORMATION Tom DeCosmo (413) 478-0030

PAYMENT INFORMATION Irina Lekhmus (203) 458-0709 X108

ONSITE INFORMATION Jon Standish (203) 915-3430

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LIVE ONSITE & WEBCAST AUCTION - JULY 20 AT 10:30 AM (ET)









LIVE ONSITE & WEBCAST AUCTION Mikco Manufacturing Technologies

FORWARDING SERVICE REQUESTED

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