

5-DAY

AUCTION

2-Day Live Onsite & Webcast Auction
6 - 7 November 10:00 am MT

3-Day Online Only Auction
Closing 12 - 14 November 9:00 am MT

2130 S. Industrial Park Ave., Tempe, Arizona

Huge Offering from High-Volume Tier 2 Precision CNC Machined Parts Supplier

Tornos | Schutte | Hydromat | Mikron | Nakamura-Tome | Studer | Cincinnati-Milacron

Over 175 CNC Swiss-Type Lathes, Automatic Screw Machines, Rotary Transfer
Machines, Machining & Turning Centers, Grinders, Finishing, Inspection & More



OVER
3500
LOTS

Preview: 4 - 5 November 2019, 8:00 am - 4:00 pm local time or earlier by appointment



A Hilco Global Company
Vested in Your Success

In partnership with:





2-A

CNC Swiss-Type Lathes Photo: 2-A

1 - Ganesh Genturn-52GTS 52mm (2") 6-Axis, S/N CDS20180901 (New 2018), (4) Linear Axis + (2) C-Axis, to 6000-RPM, w/ Simultaneous Main & Sub-Spindle Machining, Edge Patriot 551 Auto Bar Feed, Chiller, Coolant System Photo: 2-B

1 - Ganesh Cyclone 32-CS 36mm (1.375") 7-Axis, S/N CR-20161010 (New 2016), (5) Linear Axis + (2) C-Axis, to 6000-RPM, 27-Tool Positions with 11-Live Tools, w/ Simultaneous Main & Sub-Spindle Machining, Edge Patriot 338 Auto Bar Feed, Chiller, Coolant System Photo: 2-C



2-B

**New 2018
6-Axis**

3 - Tornos Deco 2000/26 26mm (1.02") 7-Axis, S/Ns 1687, 2101 & 2476 (New 2001), to 8000-RPM, 10-Tools @ Guide Bush, 4-Tools on Combo Attachment, w/ Robobar SSF-532 Auto Bar Feed, High-Pressure Coolant System, Fanuc PNC Deco CNC Control Photo: 2-D

1 - Tornos Swiss ST-26 25.4mm (1") 9-Axis, S/N 246-00-0023 (New 2013), (7) Linear Axis + (2) C-Axis, to 10,000-RPM, (2) Independent Tool Systems w/ 36-Tool Positions & 16-Rotary Tool Positions, LNS Alpha 320 Auto Bar Feed, Fanuc 31i-B CNC Control Photo: 2-E

2 - Tornos CT20 20mm (0.79") 7-Axis, S/Ns 2470250024 & 2470250022 (New 2014), (5) Linear Axis + (2) C-Axis, to 8000-RPM, (2) Independent Tool Systems, 26-Tool Positions & 10-Rotary Tool Positions, LNS Alpha ST320 Auto Bar Feed, Fanuc OiTD CNC Control Photo: 3-A, Back Cover



2-C

**New 2016
7-Axis**



2-D

**7-Axis
3-Available**



2-E

**New 2013
9-Axis**

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3-A

**New 2014
7-Axis**



3-B

**7-Axis
5-Available**



3-C

**7-Axis
6-Available**

5 - Tornos Deco 2000/10 10mm (0.39") 7-Axis, S/Ns T62130, T63235, T62587, T61431 & C62136 (New 1999), to 16,000-RPM, 4-Rotary Tools, Coolant Through Sub-Spindle, w/ Robobar SSF-226 Auto Bar Feed, Fanuc PNC Deco CNC Control **Photo: 3-B**

6 - Tornos ENC167 10mm (0.39") 7-Axis, S/Ns T61313, T61294, T61305, T61107, T61106, T60810, (5) Linear Axis + (2) C-Axis, to 15,000-RPM, w/ Tornos Auto Bar Feed, High-Pressure Coolant System, Fanuc 16-T CNC Control **Photo: 3-C**

CNC Turning Centers

1 - Nakamura-Tome NCTW-20 4-Axis, S/N W211803 (New 2014), Max Swing: 8.27", Max Turn Diameter: 8.26", w/ Live Tooling, (2) 12-Station Turrets, LNS Sprint 565 Auto Bar Feed (New 2015), Chip Blaster High-Pressure Coolant System, Fanuc 31i-B CNC Control **Photo: 3-D**

1 - Nakamura-Tome WT-250II 6-Axis, S/N 246008 (New 2016), Opposed Twin-Spindles, Max Turn Diameter: 9.84", Max Turn Length: 21.8", Max Bar: 2.56", to 5000-RPM, w/ Live Tooling, (2) 24-Station Turrets, LNS Sprint 565 S2 Auto Bar Feed (New 2017), Fanuc 18-T CNC Control, Chip Blaster High-Pressure Coolant System **Photo: 3-E**



3-D

New 2014



3-E

**New 2016
6-Axis**

1 - Takamaz XL-100/M 3-Axis, S/N 1311071 (New 2015), Max Turn Diameter: 71", with Live Tooling, 12-Station Turret, Automatic Part Load/Unload System, Chip Conveyor, Coolant System, Fanuc Oi-TD CNC Control **Photo: 4-A**

7 - Nakamura-Tome TW-10 4-Axis, S/Ns W105003, W104606, W103702, W102604, W102605, W103610 & NA (New 1996), Max Swing / Turning Diameter: 8.27" / 8.26", w/ Live Tooling, (2) 12-Station Turrets, LNS Hydrobar Mini-Sprint Auto Bar Feed, Fanuc 18-T CNC Control, Flood Coolant **Photo: 4-B**

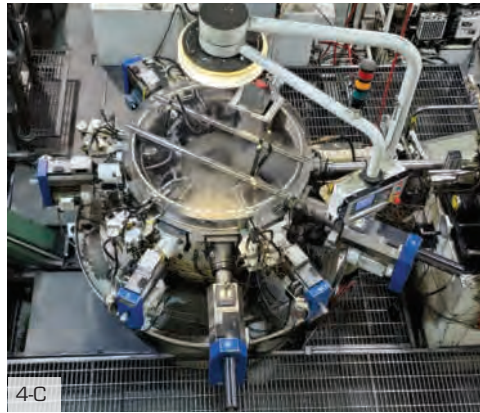
1 - Nakamura-Tome TCM15-11 4-Axis, S/N E05902, Twin-Turret, Fanuc 18-T CNC Control

1 - Rika D8004-2 Twin-Spindle, S/N 622124, Siemens Control

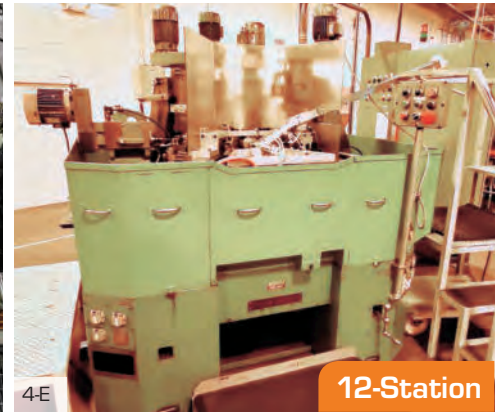
1 - Mazak Quick Turn 8G, S/N 72717, w/ Live Tooling, Mazatrol EIA-G CNC Control



4-A
New 2015



4-C



4-E

12-Station



4-D



4-F

16-Available



4-B
7-Available

3 - Mikron Multi Factor 50.006 6-Station, S/Ns 89-6508, 856506 & NA (New to 1990) Photo: 4-F

2 - Mikron Multi Factor 50.004 4-Station, S/Ns 786103 & 96.7354 (New to 1996)

Large Quantity of Mikron Spare Parts Photo: 4-G



4-G

13 - Tornos BS20 21mm (0.83") 8-Spindle, S/N T58172, 20406, 20212, T60429, T60430, BS20904-B, BS20610, T60431, T60570, T60513, 14403, 302.13.07, to 6000-RPM, w/ (1) Sub Spindle, (8) Cross Slides, Monoblock Collet, (5) with Barnes Chip & Coolant Separation Systems Photo: 5-C

Automatic Screw Machines (All with Automatic Bar Loaders)

Photo: 5-A

3 - Schutte SF42 42mm (1.65") 6-Spindle, S/Ns 12-1, 18-3 & 22-1 (New to 1985; Rebuilt 2012)

2 - Acme Gridley 1.625" 8-Spindle, S/Ns 85636 & AM-40847

1 - Schutte S32PC 32mm (1.25") 8-Spindle, S/N PE-S32PC-0602 (New 2000), to 5000-RPM, w/ Siemens PLC

2 - Schutte SF32SDNT 32mm (1.25") 8-Spindle, S/Ns PE-SS324201 & 41-02 (New 1995), w/ Siemens PLC Photo: 5B, Back Cover

1 - Schutte SF32SDNT 32mm (1.25") 6-Spindle, S/N PE-SS324201 (New 1995), w/ Siemens PLC Photo: 5-B

1 - Schutte AF26 26mm (1") 8-Spindle, S/N 49C6505-2 (New 1985), w/ Siemens PLC

3 - Acme Gridley 1" 6-Spindle, S/Ns A-23129, 23476 & 23153-A

2 - Schutte SF20S 20mm (0.78") 6-Spindle, S/Ns 05 & NA (New 1995), w/ Siemens PLC

4 - Tornos SAS16DC 16mm (0.63") 6-Spindle, S/Ns T59412, T59396, T59397 & K199301.51.35, (6) Cross Slides, (4) Independent Advances

2 - Tornos SAS16.6 16mm (0.63") 6-Spindle CNC, S/Ns T62083 & T60496, w/ Fanuc Powermate CNC Control, (6) Cross Slides, (4) Independent Advances, to 8000-RPM, Coolant System, Chip & Coolant Separator Photo: 5-D

4 - Tornos AS14 14mm (0.55") 6-Spindle, S/Ns 14629, 141022, AS142317 & AS143313 Photo: 5-E

2 - Tornos M-7 7mm (0.28"), S/Ns 125549 & 95913, to 10,000-RPM

Rotary Transfer Machines

1 - Hydromat HB45-12, S/N HB45-86, Diameter of Spindle Ring: 46.06", Number of Stations: (12) Horizontal; (6) Vertical, Max Workpiece Length: 5.9", Max Bar Diameter: 1.75", w/ Hydromat Control, Loader/Unloader, Chip Conveyor, Coolant System Photos: 4-C, D

3 - Mikron Multi Star CS24 24-Station, S/Ns KA6004.M, KA6008.M & KA6009.M (New 1995), w/ Mikron Mac50 Programmable Control, Parts Loader/Unloader

1 - Mikron Multi Factor 50.012 12-Station, S/N 786542 Photo: 4-E

2 - Mikron 50/10 10-Station, S/N 89557 & 796528

5 - Mikron 50.008 8-Station, S/Ns 886539, 856524, 68513/827316, 68514/827317, 63531 (New to 1992)



5-A

38-Available



5-B



5-E

4-Available



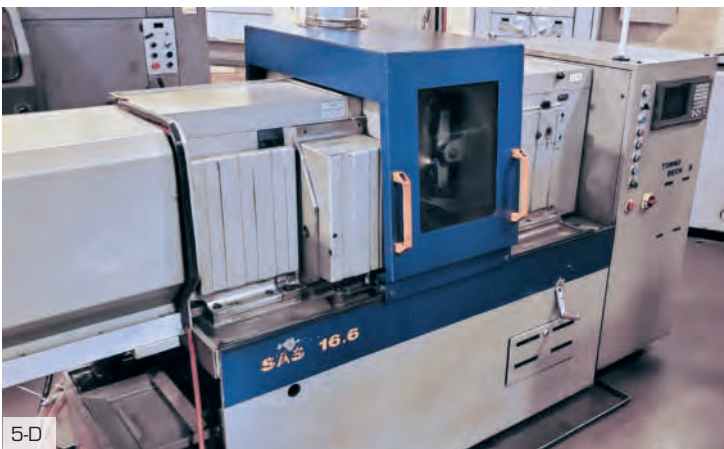
5-C

13-Available



5-F

New 2017
4-Axis



5-D

CNC Vertical Machining Centers

1 - Fanuc RoboDrill α-D14MiB5 4-Axis CNC Drilling & Tapping Machine, S/N P172ZA358 (New 2017), Travels: X-11.8"; Y-11.8"; Z-13", w/ 4th Axis Indexer, 14-Position ATC, Automatic Recirculating Coolant System, Fanuc 31i-B5 CNC Control Photo: 5-F

6 - Haas Mini-Mill 3-Axis, S/Ns 1091944 (New 2012); 1087983 (2011); 1051703 & 1051704 (2006); 24377 (2001); 22755 (2000), 12" x 36" Table, X-16"; Y-12"; Z-10", to 6000-RPM, #40-Taper, w/ 10-Position, ATC Coolant System, Haas CNC Control Photo: 6-A

1 - Haas VF-1 4-Axis, S/N 24887 (New 2001), 14" x 26" Table, X-20"; Y-16"; Z-20", to 8000-RPM, 40-Taper, 20-HP, w/ 20-Position ATC, 4th Axis Rotary Indexer, Flood Coolant, Haas CNC Control Photo: 5-F



6-A

6-Available



6-D

13-Available

CNC Grinders

1 - Studer Favorit 650 14" x 25" Universal ID/OD CNC Grinder, S/N 1042-0285 (New 2014), w/ Dorner Parts Loader/Unload System, Coolant Filtration System, Fanuc Oi-TD CNC Control, Movomatic ES124 Measurement Control, Dittel Sensitron 6 Control Photo: 6-B

2 - Studer S20 6" x 15" CNC Cylindrical Grinders, S/N 021.0018.60.004 & 021.0039.009 (New 1995), w/ Fanuc 16-GC CNC Control, Coolant Filtration System Photo: 6-C



6-B

New 2014



6-E

3-Available

Centerless Grinders Photo: 6-D

2 - Cincinnati 340/20 6" Twin-Grip, S/Ns 6M20HG6RN19 & 6M20HG5S-94, 40-HP, w/ Hydraulic Profile Truing, Coolant System with Filtration

1 - Cincinnati 220-8 4.5", S/N 2M8H3VE-8, w/ Dynamic Balance Control, Coolant System with Filtration & Magnetic Separation

3 - Cincinnati-Milacron Cinco 15 4", S/Ns 3502HH5T-0081, 350200080-0012 & 350200084-0002, 15-HP, w/ Wheel Dresser, Thru-Feed Work Rest, Coolant System with Filtration & Magnetic Separation Photo: 6-D

1 - Cincinnati 20M 3", S/N 2M2H1Y-314, 15-HP, Dynamic Balance System, Coolant System with Filtration

3 - Micro Rex 2H 3", S/Ns 2426, 2413 & 1110 (New 1997), 29-HP, Coolant System w/ Filtration & Magnetic Separation, Bowl Feed, PLC Control Photo: 6-E

3 - Super Tec STC-12 2", S/Ns 4272, 4351 & C18808, 5-HP, Coolant System, Bowl Feed



6-C

2-Available

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7-A



7-B

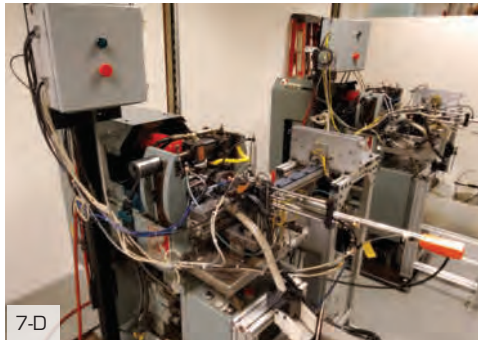
7-Available



7-E



7-C



7-D

Internal Grinder

1 - Heald 171 Size-Matic Internal Grinder, S/N 37567 Photo: 7-A

Lathes

7 - Kummer K20 Twin-Spindle Lathes, S/Ns 7316, 8102, 7227, 8420 & N/A, w/ Camtrol Control, Vibratory Bowl Feed, Part Loader Photo: 7-B

Thread Rollers

4 - Kinefac MC-4 Kine-Roll, S/Ns 847, 919, 904 & 778 Photo: 7-C, D

5 - Escomatic Models D2, D4 & D6

4 - Hartford FM

Hones & Broaches

1 - Accu-Cut 4SM-I 4-Spindle Vertical Hone, S/N BSM-0180

1 - Pemamo MDR140NC Hone, S/N 184, w/ Siemens PLC, Western Gage Micro II Automatic Gaging System

1 - Pemamo MDR240EE Hone, S/N 256

2 - Miles MB3D6-31 & MBLD6-36-120R 36" Vertical Broaches, S/Ns 82-12-33 & 840314

Online only auction will feature over 2,000 lots of quality assurance, perishable tooling, tool holders, machine tool accessories, material handling equipment, MRO, spare parts, plant & production support, and more.



8-A



8-C



8-B



8-D



8-E

Presses

- 1 - Greenerd HCA-40-30RS 40-Ton Gap Frame Hydraulic Press, S/N 98C5478 (New 1998) Photo: 7-E
- 1 - Federal 32-Ton OBI Press, S/N 32-361 (New 1997), 3" Stroke, 9.5" Shut Height, 24" x 15" Bed
- 1 - Federal 45-Ton OBI Press, S/N 45-244, 3" Stroke, 11" Shut Height, 28" x 18" Bed

Over 3500 Lots

Parts Washing & Finishing

- 1 - Branson Omni 2000 3-Station Ultrasonic Dip Line, S/N NA, w/ Branson TDR50 Controls, Gantry Loading System Photo: 8-A
- 1 - Crest 5-Station Ultrasonic Dip Line, S/N NA, w/ (6) Crest Ultrasonic Genesis Power Supplies, Gantry Loading System Photo: 8-B
- 2 - CAE Ransohoff Immerso-Jet 42" Wide Aqueous Parts Washers, S/Ns H2772 & H2802 Photo: 8-C
- 1 - Ransohoff 36" Wide Parts Washer, S/N 4237 (New 2002), w/ Allen-Bradley PLC
- 1 - Harperizer 2VM-13 36" Vibratory Finisher
- 7 - Sweco FM1LR & PM01D-1 24" Vibratory Finishers, w/ Metering Pump, Cycle Timer Photo: 8-D

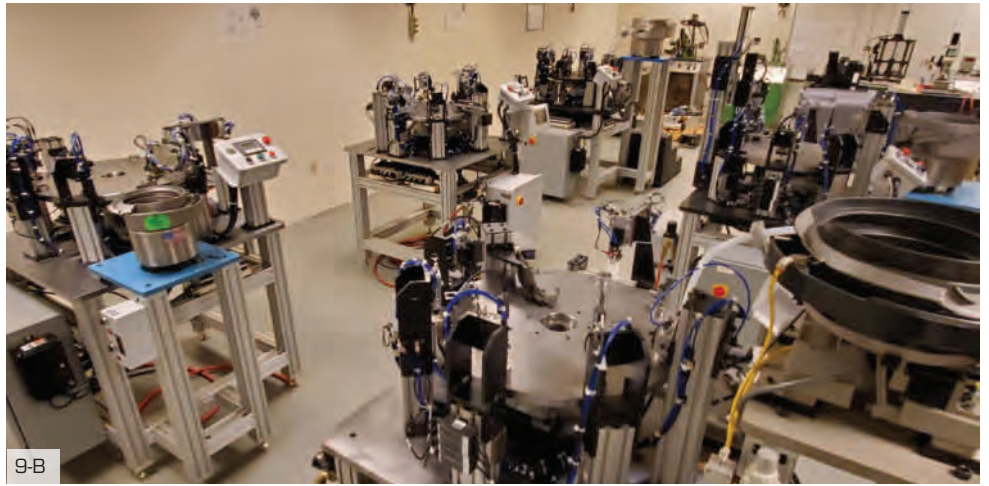


8-F

- 1 - Earth Chain Spinner HD-728 Precision Magnetic Deburring & Polishing Machine, S/N N/A, with Cycle Timers Photo: 8-E
- 2 - Guyson Abrasive Blast Cabinets, with Dust Collectors Photo: 8-F



9-A



9-B



9-C



9-D



9-E



9-F

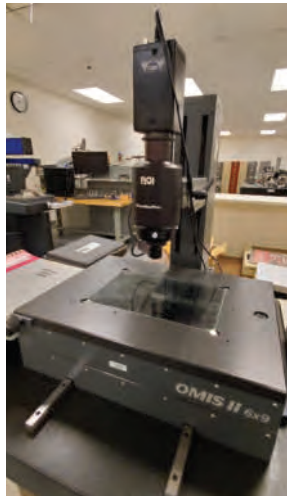
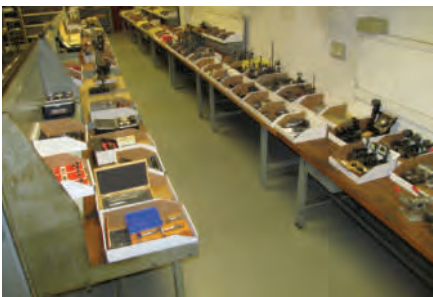


9-G

Support Equipment

100's of Lots of Miscellaneous Support Equipment, including: Bracker RN311 Riveter, Schmidt Marking Machine, Assembly, Packaging, Pallet Racking, Heat Treat Equipment, Manual Presses, Bar Stock Carts, Demagnetizers, Mist & Dust Collectors, Chip Spinners, Bench Vises, Double End Grinders, Chop Saws, Power & Hand Tools, Tool Boxes, Job Boxes, and Much More Photos: 9-A-G

Register for one sale,
bid in all five.



**Online Auction
Day 1**
Huge Quantity of
Test & Measurement
Equipment

Bid online with **BidSpotter.com**

Terms and Conditions

- An 18% buyer's premium will be charged on all assets.
- Sales tax rate, rules and exemption information is provided on our website.
- All items will be sold "as is, where-is" without any warranties, expressed or implied.
- Although obtained from sources deemed reliable, the Auctioneer makes no warranty or guarantee to the accuracy of the information herein contained.
- Removal days for hand carry and smaller items: 15 November - 6 December 2019, Monday - Friday, 8:00 AM to 4:00 PM local time
- Removal days for items requiring a rigger: 8 November 2019 - 10 January 2020, Monday - Friday, 8:00 to 4:00 PM local time
- Please note, due to the holiday season there will be no removal 28 - 29 November, 24 - 25 December; 31 December; 1 January
- Standard Removal Terms apply: hilcoind.com/buyers/removal
- Subject to additions, deletions and prior sale.

Information contained herein deemed to be accurate at time of printing and subject to change. For updated information, please visit hilcoind.com/sale/triumph-live



Online Auction – Days 2 & 3
100s of Lots of Tooling, Spare Parts, MRO, Plant & Production Support Equipment and More



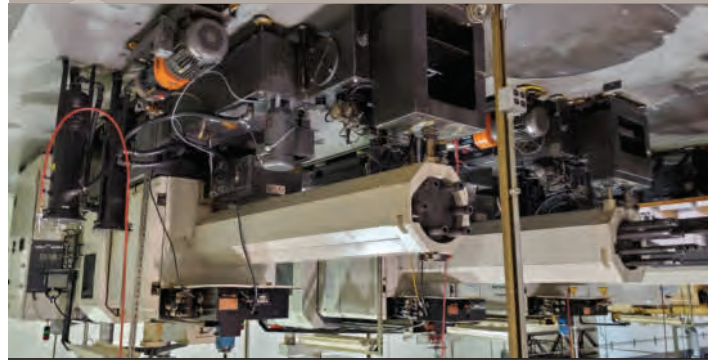
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