

SURPLUS EQUIPMENT FROM H.C. STARCK CO. 1250 E. 222nd Street, Euclid, Ohio 44117

15 Miles East of Downtown Cleveland off I-90

SALE DATE: THURSDAY, APRIL 3RD, STARTING AT 11:00 AM **INSPECTION: WEDNESDAY, APRIL 2ND FROM 10:00 AM TO 4:00 PM**



Okuma Model MCV-All 16X30 Double Column CNC Vertical Machining Center Bridge Mill (Installed 2002)



Ward-Jet Model R-3013 Two-Head CNC Water Jet Machine (New 2006)



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tomo-Shibaura Type KEL-15 / KPL-1550-0G **Double Column Bed Type CNC Surface and Way** Grinder





150 HP Boge Model S150 Rotary Screw Cabinet **Enclosed Air Compressor**



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THURSDAY, APRIL 3RD





Okuma Model MCV-All 16X30 Double Column CNC Vertical Machining Center Bridge Mill



Sumitomo-Shibaura Type KEL-15 / KPL-1550-OG Double Column Bed Type CNC Surface and Way Grinder



Eldorado Model M75-15 Single Spindle CNC Gun Drill



Close Up View Okuma Badge Mill Head

CNC DOUBLE COLUMN MACHINING CENTER Okuma Model MCV-AII 16X30

Double Column CNC Vertical Machining Center Bridge Mill; S/N 2678, Okuma OSP-U100M CNC Control, Okuma Replaced Spindle Approx. 2010, Options Include Helical Cutting, Robot Interface, Extended Memory, See data card on website for complete details, 47.24" X 122.05" Size of Table, 64.96" Width Between Columns, 53.74" Distance End of Spindle to Top of Table, 3.94" Spindle Dia., 118.11" X-Axis Table Travel, 62.99" Y-Axis Spindle Head Travel, 15.75" Z-Axis Spindle Quill Travel, 39.4" Cross Rail Travel, No. 50 Taper, Spindle Speeds: 30-4,000 RPM, 24-Position Automatic Tool Changer, Coolant System, 20 HP Spindle Motor, New Spindle Installed Recently (New 2000 / Installed 2002) SEE PHOTO 47" X 110" X 2" Thick Vac-U-Lok Vacuum Chuck Table w/ 5 HP Vacuum Pump and Control

CNC DOUBLE COLUMN SURFACE GRINDER

Sumitomo-Shibaura Type KEL-15 / KPL-1550-OG Double Column Bed Type CNC Surface and Way Grinder; S/N 387, Fanuc OM Control, 59" Grinding Width, 196.9" Grinding Length, 59" X 238" T-Slotted Table, 47.2" Grinding Height, 63.4" Max Passage Width, 13,779 Lbs. Max Work Piece Weight, Dual 15 HP Hyd. Pump For Table, Universal Spindle Specs: 47.2" Max Height from Table to Wheel, Horizontal Movement of Wheel Center from Table Center; 61.8" to Operator Side, 42.5" to Opposite Side, 19.68" Vertical Travel, Grinding Wheel Sizes; 15.9" X 1.9" X 7" Straight Type, 12" X 3.93" X 7" Cup Type, Speeds to 3,000 RPM, 15 KW Motor, Horizontal Spindle Specs: 47.2" Max Height from Table to Wheel, Horizontal Movement of Wheel Center from Table Center; 32.9" to Operator Side, 72.4" to Opposite Side, 5.9" Vertical Travel, 5.5 KW Motor, 24" X 4" X 12" Grinding Wheel, Speeds to 950 RPM (New 1990) SEE PHOTO 63" X 200" X 2" Thick Vac-U-Lok Vacuum Chuck Table w/ 5 HP Vacuum Pump and Control SEE PHOTO

(20) New Grinding Wheels

CNC GUN DRILL

Eldorado Model M75-15 Single Spindle CNC Gun Drill; S/N EL-2112, 3/4° Drill Capacity In Mild Steel, 15° Slide Travel, 3 HP Spindle, Spindle Speeds: 1,140 -11,500 RPM, Digital Keypad Control, Mega-Flow F18 Coolant System (New 2009)



63" X 200" X 2" and 47" X 110" Thick Vac-U-Lok Vacuum Chuck Tables w/ 5 HP Vacuum Pump and Controls

🚱 SURPLUS EQUIPMENT FROM H.C. STARCK CO. 🚱



Thermal Care Model SQ2A0804 Portable Chiller



(2) 50 HP Jet Edge 55-50C Intensifier Pumps

CNC WATER JET MACHINES Ward-Jet Model R-3013 Two-Head CNC Water Jet Machine; S/N 0047, Burny 10 LCD Plus Control, 166" X 380" X 35" Deep Tank, 169" X 360" X-Y Travel, (2) 50HP Jet Edge 55-50C Intensifier

X 35" Deep Tank, 169" X 360" X-Y Travel, (2) 50HP Jet Edge 55-50C Intensifier Pumps; S/N 18838 and 18997, Approx. 13,000 Hours Each (New 2006) SEE PHOTO

- Thermal Care Model SQ2A0804 Portable Chiller; S/N 13291010607, 7.5 HP SEE PHOTO
- ➢ 50 HP Ebbco Model GRS-0802-B Abrasive Removal System; S/N J7218 (New 2006) SEE PHOTO
- New Water Jet Spare Parts Including; New Bed Slats, (2) Intensifier Units, Water Jet Heads, Filters, Seals, Pumps and Valves

**Flow Model 6012 Integrated Flying Bridge Single Head CNC Water Jet Cutting Machine; S/N S/N361453, 61' X 12' Table, New Table Slats, Includes Dynamic Head, PC Control, Cutting Head CWJ, X & Y Shaft Bearings Just Replaced, Garnet Media Container, High Pressure Pump, 60,000 PSI, Service And Training Manuals, Hours Logged 4,344, Approx. 4 Pallets Of Sand,



0 HP Ebbco Model GRS-0802-B brasive Removal System



Burny 10 LCD Plus Contro

Completely Cleaned And Ready For Installation, Located in Detroit, Michigan Area, To Be Sold Via Photo, Subject to Bid Confirmation (New 2006) SEE PHOTO

PLATE SAW

144" Tannewitz Model 3000-MH8 Traveling Head Plate Saw; S/N 92003, PLC Control, 144" Max. Length, 6" Min. (No Max) Width, 28" Throat, 0 – 144" Travel of Head, 30" Wheel Dia, 1/2" – 2" Blade Width, 204" Blade Length, 55 – 350 FPM Blade Speed, 86" X 144" Table Area, Hold Down Clamps (New 1993) SEE PHOTO

ROYAL MASTER CENTERLESS GRINDER Roval Master Model TG-12X4HA

Thru-Feed Centerless Grinder; S/N 2272, Nematron Control, .002" – 1.5" Dia. Cap., 12" Dia. X 4" Wide Grinding Wheel, 6" X 4" Regulating Wheel, Wheel Speeds to 2,040 RPM (New 1996) SEE PHOTO

LAPPING MACHINE 32" Dia. Speedfam Model G32BTGW 4-Station Lapping Machine; S/N G32BTGW2181, 32" Table, (4) 12" Heads, Push Button Control SEE PHOTO



32" Dia. Speedfam Model G32BTGW 4-Station Lapping Machine



Royal Master Model TG-12X4HA Thru-Feed Centerless Grinder



Nard-Jet Model R-3013 Two-Head CNC Water Jet Machine



Flow Model 6012 Integrated Flying Bridge Single Head CNC Water Jet Cutting Machine



144" Tannewitz Model 3000-MH8 Traveling Head Plate Saw





(3) Omni-Turn Model OT-CNC4 GT-JR Series I Gang Tool CNC Turning Centers

OMNI-TURN CNC TURNING CENTERS (3) Omni-Turn Model OT-CNC4 GT-JR Series I

Gang Tool CNC Turning Centers; S/N 4640G4, 4648G4P, 4644G4P, Omni-Turn Control Replaced 2012, 5C Collet Chuck, 6° Cutting Dia, 1.06° Bar Dia, 12° X-Axis, 9° Z-Axis, 6° X 14° T-Slotted Gang Tool Mounting Area, 4,000 RPM Approx. Spindle Speed, 5HP Spindle Motor (New 2005, Control 2012) SEE PHOTO

Hardinge Omniturn CNC Turning Center; S/N 124A02

CNC VERTICAL MACHINING CENTERS (2) Hurco Model VSX-40 CNC Vertical Machining

Centers; S/N S442-06001021AFA and S442-06002021AFA, Ultimax SSM Control, 20" X 48" Table, 40" X-Axis, 20" Y-Axis, 20" Z-Axis, No. 40 Taper, 24-Pos. ATC, Coolant (New 2001) SEE PHOTO

(2) Hurco Model BMC3017 (30/M) CNC Vertical Machining Centers; S/N B3M91002108DC and B3M91003108DC, Ultimax Dual Screen Control, 16" X 40" Table, 29.9" X-Axis, 20" Y-Axis, 24" Z-Axis, No. 40 Taper, 24-Pos. ATC, Coolant (New 1998) SEE PHOTO

THURSDAY, APRIL SRD



(2) Hurco Model VSX-40 CNC Vertical Machining Centers

(2) Hurco Model BMC30HT/M CNC Vertical Machining Centers; S/N B3HM91008017BC (1997) and

B3HM91001126AC (1996), Ultimax 3 Dual Screen Control, 16" X 40" Table, 29.9" X-Axis, 20" Y-Axis, 24"

(2) Hurco Model BMC-30 CNC Vertical Machining

Centers; S/N BA-8001115A (1985) and BA-800412B-J

Y-Axis, 20" Z-Axis, No. 40 Taper, 24-Pos. ATC, Coolant Enshu Model VMC-530 Heavy Die Mold Type CNC

Vertical Machining Center; S/N 127, Fanue 11M

Control, 22" X 51" Table, 41" X-Axis, 21" Y-Axis, 22"

Z-Axis, 50 Taper, 30-Pos. ATC, Coolant (New 1985)

MACHINE ACCESSORIES AND

(50) No. 50 Taper Toolholders

(100) No. 40 Taper Toolholders

(18) 6" and 8" Kurt Machine Vises

(1988), Ultimax Control, 17" X 40" Table, 30" X-Axis, 20"

SEE PHOTO

SEE PHOTO

Z-Axis, No. 40 Taper, 24-Pos. ATC, Coolant (New

1996/1997)

TOOLING

(2) Hurco Model BMC3017 (30/M) CNC Vertical Machining Centers



(2) Hurco Model BMC30HT/M CNC Vertical Machining Centers

WEBCAST BIDDER INSTRUCTIONS

- All Internet bidders must register for this auction at www.bidspotter.com at least 48-Hours Prior to the Sale Date, *if you do not you will not be approved*.
- All Internet bidders must Post a Deposit of Approx. 25% of Your Planned Spending Budget or \$5,000 Minimum with Cincinnati Industrial Auctioneers in Order to be approved to Bid. Those who do Not Post the Deposit Will Not be Approved. Period.



- > There is a 18% Buyer's Premium in Effect for All Online Purchases.
- We Highly Recommend that Potential Buyers Attend this Auction & Bid Live Onsite. This will give you the Ability to Inspect the Items & Fully Appreciate Their Condition, Along with Saving You 3% of the Buyer's Premium.

No Last Minute Registrations will be accepted. Make Sure to Register & Post Your Deposit No Later than 48-Hours Prior to the Start of the Auction.



Large Quantity of Kurt Machine Vises, No. 50 Taper Toolholders, and No. 40 Taper Toolholders



Enshu Model VMC-530 Heavy Die Mold Type CNC Vertical Machining Center



Valter Helitronic Type 45 CNC Cylindrical Grinder



(2) Hurco Model BMC-30 CNC Vertical Machining Centers





THURSDAY, APRIL ERD

WELD TABLE

CONVENTIONAL

Weld Table

1,000 Lb. Per Side Cap. Foster 6'

X 6' Two-Sided Hydraulic Tilting

TOOLROOM MACHINERY

K&T Model 15HP-3CK Dial Type

Horizontal Milling Machine; S/N



Romer Model 5124 Experienced Infinite 2.0 2.4M (8') Six Axis Portable Arm





60 Ton Rouselle No. 6 OBI



Model QVX404-PRO-B2G Vision Inspection System



1,000 Lb. Per Side Cap. Foster 6' X 6' Two-Sided Hydraulic Tilting Weld Table



Air Cel Model AHLD-750 Desiccant Air Dryer



5 Ton X 61' Approx. Span Remote Control Single Girder Top Running Overhead Bridge Crane

CNC TOOL GRINDER Walter Helitronic Type 45 CNC

Cylindrical Grinder; S/N 4652, HMC-300 Control, 600 MM X-Axis Longitudinal Travel, 260 MM Y-Axis Vertical Travel, 250 MM Z-Axis Cross Travel, 150 MM X-Axis Manual Longitudinal Travel of Workpiece Carrier, ISO 50 Workpeice Carrier, 360 Degree A-Axis Rotational Axis, 165 MM Centre Height, 320 MM Max. Workpiece Dia., 200 Degree Rotary Table Swivelling Range, 1 Grinding Spindle With Stub Taper And Flat Locating Face For Grinding Wheel Adapter, 360 Degree B-Axis Manual Swivelling Range Around The Vertical Axis, 210 Degree D-Axis Manual Swivelling Range Around The Horizontal Axis, 80 MM Spindle Dia., 200 MM Max. Grinding Wheel Dia., Infinitely Variable Spindle Speed Drive 3000 To 6000 RPM (New 1994, SEE PHOTO Rebuilt 2008)

BRIDGE CRANE

5 Ton X 61' Approx. Span Remote Control Single Girder Top Running Overhead Bridge Crane; Remote Control, R&M Spacemaster 5X Hoist (New 2007) SEE PHOTO

ROMER PORTABLE ARM СММ

*Romer Model 5124 Experienced Infinite 2.0 2.4M (8') Six Axis Portable Arm: S/N 5124-245. Includes

Integrated Zero-G Counterbalance, Spingrip, Probe Holster, Rechargeable Li-ON Battery, Wi-Fi Wireless Interface, Digital Camera, Winrds, Magnetic Base, TESA TKJ 3mm Ruby/ 6 Mm Rudy/15 Mm Steel Ball Probes, NIST Traceable Certified Length Standard Travel Case, Verisurf Software, Located in Detroit, Michigan Area, To Be Sold Via Photo, Subject to Bid Confirmation (New 2010) SEE PHOTO

AIR COMPRESSORS AND DRYERS

150 HP Boge Model S150 Rotary Screw Cabinet Enclosed Air Compressor; S/N 5004630, 115 PSI (New 2006) SEE PHOTO

100 HP Ingersoll Rand Nirvana Model IRN100H-CC Rotary Screw Cabinet Enclosed Air Compressor; S/N MV1145U01349, 145 PSI, 75,007 Total Hours (New 2001) SEE PHOTO

60 HP Quincy Model QMA60 Rotary Screw Skid Mount Air Compressor; S/N 74090, 250 PSI

Boge Model BVF800 Refrigerated Air Dryer; S/N V1SLNJ4794 (New 2006)

Air Cel Model AHLD-750 Desiccant Air Dryer; S/N HMI0346XAA, 150 PSI, SEE PHOTO 750 SCFM (New N/A) Vertical Air Receiving Tanks,

Filters and Oil Water Separator

EDM DRILL

Elenix Current Model CT300 EDM Drill; S/N 84114, 19" X 17" X 8" Tank Area, 12" X 12" Drill and Tapped Table, EDM Drill Model CT300 Digital Read Out (New 1997) **SEE PHOTO**

OBI PRESS

60 Ton Rouselle No. 6 OBI Press; S/N 20545, 4" Stroke, 11-1/2" Shut Height, 3-1/2" Adjustment, 110 SPM, Air Clutch, Push and Palm Buttons SEE PHOTO

FURNACES

(2) Lucifer Model 42-K18 Electric Furnaces; S/N 5886 & 5888, 13" Wide X 12" High X 17" Deep Chamber, 1,250 Degree Max Temp, Digital Temp Control



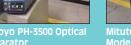
100 HP Ingersoll Rand Nirvana Model IRN100H-CC Rotary Screw Cabinet Enclosed **Air Compressor**



150 HP Boge Model S150 Rotary Screw Cabinet Enclosed Air Compressor







CMC-1132, 16" X 64" T-Slotted Table, Spindle Speeds to 15 to 1,500 RPM K&T No. 205 Model S-12 Dial Type Vertical Milling Machine; S/N 80-0004-44, Newall Sapphire, DRO, 56-1/2" X 12" T-Slotted Table, Spindle Speeds 25-2,000 RPM B&S No. 22H Dial Type

Horizontal Milling Machine; S/N 502-25-37, 54-1/2" X 13" T-Slotted Table, Spindle Speeds to 1,600 RPM

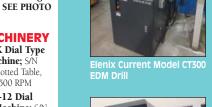
Hardinge Model HC Precision Lathe; Tooling, 8-Position Manual Tool Changer, Spindle Speed 125-3,000 RPM

INSPECTION EQUIPMENT

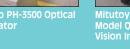
Mitutoyo Quick Vision Pro Model OVX404-PRO-B2G Vision Inspection System; S/N 407511, w/ PC System (New 2005) SEE PHOTO Voyager Model View Station VOY-612 Vision Inspection System; S/N 100040374, w/ PC System (New 2000) Mitutoyo PH-3500 Optical Comparator; S/N 110178, 790109, Quadra-Chek 200 DRO SEE PHOTO

Mitutoyo PH-350H Optical Comparator; S/N 60404 (3) Various Bench Top Digital Scales

Small Granite Surface Plates Wilson Rockwell Hardness Tester



2010









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15% ONSITE BUYER'S PREMIUM 18% ONLINE BUYER'S PREMIUM

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