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COMMERCIAL FASTENERS, AEROSPACE FASTENERS AND COLD FORMED PARTS,
MACHINES BY NATIONAL, ASAHI SUNAC, NAKASHIMADA, WAFIOS AND HARTFORD,
HEAT TREAT, TOOLROOM, SUPPORT EQUIPMENT

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PUBLIC AUCTION

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JOHN HASSALL, INC.

609 Cantiague Rock Road, #1 – Westbury, New York 11590

On Long Island 30 miles east of Manhattan

SALE DATE: THURSDAY, APRIL 16TH, STARTING AT 9:00 AM

INSPECTION: Day prior from 10:00 AM to 4:00 PM or by appointment with jeffjr@cia-auction.com



(6) Multi-Die Headers by Asahi and Nakashimada Including Models RH-80 & NP-60



Nakashimada Model NP-60 2-Die 3-Blow Cold Header



Complete Heat Treat Department



88-Ton and 66-Ton Clearing Presses w/ Induction Heat



CNC and Toolroom Machinery



Sale Under The Management Of

CINCINNATI INDUSTRIAL AUCTIONEERS

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THURSDAY, APRIL 16TH – 9:00 AM



Nakashimada Model TH4-8A 4-Die Cold Header



Asahi Okuma Model AOT-6XL High Speed Long Stroke 2-Die 2-Blow Cold Header



National Model 45 Long Stroke Single Die Tubular Rivet Header



National Model 45 Long Stroke DSSD Cold Header



Asahi Sunac Model AT-425 High Speed 2-Die 2-Blow Cold Header



National Model 25 HS High Speed DSSD Cold Header



Asahi Sunac Model RH-80 2-Die 3-Blow Cold Header

HOT FORGE

National Model 56HSL High Speed DSSD Cold Header Converted to Run Aerospace Fasteners Using Induction Heat; s/n 34841 (1981), 3/8" Cutoff Dia. 85,000 PSI, 5/16" Cut-Off Dia. 100,000 PSI, 3-1/4" Shank Length Under Head, 4-1/2" Cut-Off Length, 185 PPM, Machine Has Been Modified to Form Fasteners Hot For Aerospace, Equipped w/ Westinghouse 15-KW Induction Heat, Bushing Cut-Off, PKO, RKO, IAC

88 Ton Clearing Model SNI-88 Gap Frame Press Converted to Forge 12-Point Aircraft Engine Bolts, 5/8" Dia. INCO718 Material; s/n EVY80-464 (1998), 5.9" Stroke, 40-75 SPM, 22" x 18" Slide Area, 41.3" x 23.6" Bolster Area, 13" Die Height, 3.1" Slide Adjust, Equipped w/ Lepel Induction Heat Model T-15-3-KC-TC36; s/n 8502-T w/ Dual Rotating Station, Bottom Knockout, Air Clutch

66 Ton Clearing Model SNI-66 Gap Frame Press Converted to Forge 12-

Point Aircraft Engine Bolts, 7/16" Dia. INCO718 Material; s/n evy.60442/PS4739 (1999), 5.1" Stroke, 40-75 SPM, 18.9" x 15.7" Slide Area, 35.4" x 20.5" Bolster Area, 11.8" Die Height, 2.8" Slide Adjust, Equipped w/ Lepel Induction Heat Model T-10-3-KC-TL; s/n 8601T36, w/ Dual Rotating Station, Bottom Knockout, Die Clutch

(2) Lepel Model T-2.5-1-KOI-BW Induction Heater; s/n 81101-T and s/n 7287-AP, Vibratory Bowl Feeders

Other Induction Heaters; Lepel Model T-25G and (2) 12.5-KW Ajax Units

COLD HEADERS, 2-DIE 3-BLOW

Asahi Sunac Model RH-80 2-Die 3-Blow Cold Header; s/n 19-073 (1998), 11 mm Cutoff Dia., 80 mm 1st Die Kickout, 65 mm 2nd Die Kickout, 65mm Cutoff Length, 150 PPM, Equipped w/ Bushing Cutoff, PKO, Trim Capable, Face of Die Stripper, PD Sensor

Asahi Okuma Model ORH-80 2-Die 3-Blow Cold Header; s/n n/a, 8 mm Cutoff

Dimeter, 70 mm 1st Die Kickout, 60 mm Cutoff Length, 75, 125, 150 PPM, Equipped w/ Bushing Cutoff, PKO 1,2,3, Relieving KO, AC Vari Drive

Nakashimada Model NP-60 2-Die 3-Blow Cold Header; s/n 000273 (2002) 6 mm Cutoff Dia., 75 mm 1st Die Kickout 50 mm 2nd Die Kickout, 60 mm Cutoff Length, 70-700 PPM, Equipped w/ Bushing Cutoff, PKO 1,2 and 3, Face of Die Stripper, Die Monitor

COLD HEADERS / 2-DIE 2-BLOW

Asahi Sunac Model AT-425 High Speed 2-Die 2-Blow Cold Header; s/n 10-088 (1995), 3/16" Cutoff Dia., 1" Shank Length, 1-9/16" Cutoff Length, 440 PPM, Equipped w/ Bushing Cutoff, PKI, Forced Die Stripper, Impax Process Monitor

Asahi Okuma Model AOT-6XL High Speed Long Stroke 2-Die 2-Blow Cold Header; s/n 1-102 (1982) 1/4" Cutoff Dimeter, 3" Shank Length, 3-3/4" Cutoff



88-Ton & 66-Ton Seyi Clearing Presses Converted to Forge 12-Point Aircraft Engine Bolts



National Model 56HSL High Speed DSSD Cold Header Converted to Run Aerospace Fasteners Using Induction Heat

Length, 3/8" PKO Stroke, 220 PPM, Equipped w/ Bushing Cutoff, Face of Die Stripper, Impax Process Monitor

COLD HEADERS, MULTI-DIE

Nakashimada Model TH4-8A 4-Die Cold Header; s/n 010026 (2000) 8 mm Cutoff Dia. Alloy, 75 mm Shank Length, 100 mm Cutoff Length, 70-190 PPM, Equipped w/ Bushing Cutoff, PKO 1-4, Finger Opening Cam M Transfer (IFO), DC Motor

Nakashimada Model TH3-6A 3-Die Cold Header; s/n 950045 (1995) 6 mm Cutoff Dia. Alloy, 75 mm Shank Length, 95 mm Cutoff Length, 80-230 PPM, Equipped w/ Bushing Cutoff, PKO 1-3, Finger Opening Cam M-Transfer (IFO), Die Monitor

COLD HEADERS

National Model 45 Long Stroke Single Die Tubular Rivet Header; s/n 35701 (1978), 5/16" Cutoff Dia. Mild Steel, 1/4" Cutoff Dia. Alloy Steel, 2" Shank Length, 3" Cutoff Length, Equipped w/ Bushing Cutoff, PKO, Face of Die Stripper, Brankamp

National Model 45 Long Stroke DSSD Cold Header; s/n 32570 (1970) 5/16" Cutoff Dia. Mild Steel, 1/4" Cutoff Dia. Alloy Steel, 3" Shank Length, 4" Cutoff Length, 225 PPM, Equipped w/ Bushing Cutoff, PKO, RKO, Impax

National Model 45 High Speed DSSD Cold Header; s/n 32372 (1968), 5/16" Cutoff Dia. Mild Steel, 1/4" Cutoff Dia. Alloy

Steel, 1-3/8" Shank Length, 2-3/8" Cutoff Length, 300 PPM, Equipped w/ Bushing Cutoff

National Model 34LS High Speed DSSD Cold Header; s/n 41862 (1972), 1/4" Cutoff Dia. Mold Steel, 3/16" Cutoff Dia. Alloy Steel, 2-1/4" Shank Length, 300 PPM, Equipped w/ Bushing Cutoff, PKO, Wiper, AC Vari Drive

Waterbury Farrel Model "O" DSSD Toggle; s/n n/a 1/8" Cutoff Dia., 1" Shank Length, 1-1/2" Cutoff Length, 150 PPM
(2) Waterbury Farrel Model "T" DSSD Toggle; s/n n/a and 45692, 3/16" Cutoff Dia., 1-1/4" Shank Length, 1-3/4" Cutoff Length, 125 PPM

Hartford Model 3-500 High Speed Single Stroke Solid Die Long Stroke Cold Header; s/n 5302-311-19, 3/16" Cutoff Dia. 100,000 PSI, 2-1/4" Shank Length, 3" Cutoff Length, 500 PPM

National Model 25 HS High Speed DSSD Cold Header; s/n 41068, 1/8" Cutoff Dia., 1" Shank Length, 1-1/2" Cutoff Length, 450 PPM, Equipped w/ Bushing Cutoff, Impax Process Monitor, AC Vari Drive

NAIL MACHINES

Wafios Model N5 High Speed Nail Machine; s/n 24079188, .086" - .149" Nail Dia., 1/2" x 4" Nail Length, 430 PPM, 2-Plane Straightener

Wafios Model S-140 High Speed Long Stroke Nail Machine; s/n 4015163, .120" -

.180" Nail Dia., 1/2" - 5-1/2" Nail Length, 260 PPM, 2-Plane Straightener

Wafios Model N75 High Speed Nail Machine; s/n 4059426, .072" - .120" Nail Dia., 1/2" - 3" Nail Length, 550 PPM, 2-Plane Straightener

Wafios Model N50 High Speed Nail Machine; s/n 4056270, .040"-.085" Nail Dia., 3/8" - 2" Nail Length, 700 PPM, 2-Plane Straightener

(7) JH Model 3-1/2 Nail Machines; .050" - .125" Cutoff Dia., .5" - 3-1/2" Shank Length, 50-85 PPM

JH Model 4 Nail Machine; .060" - .200" Cut off Dia., .5000" - 4" Shank Length, 70 PPM

Nilson Model 4 Rotary Arbor Straightener; s/n 99680, .125" - .250" Wire Dia.

(3) Nilson Model 3 Rotary Arbor Straighteners; s/n 79860, 95315 and 93025, .093" - .187" Wire Dia.

Nilson Model 1 Rotary Arbor Straightener; s/n 74373, .020" - .050" Wire Dia.

TOOLING AND VIDMARS

(75+) Vidmar / Lista Multi-Drawer Tooling Cabinets Loaded w/ Header Punches, Threader Dies, Tooling, Accessories and Parts; Large Quantity of Inspection Items and Toolroom Accessories in Vidmars



Nakashimada Model NP-60 2-Die 3-Blow Cold Header



Asahi Okuma Model AOT-6XL High Speed Long Stroke 2-Die 2-Blow Cold Header



Wafios Model N5 High Speed Nail Machine



(2) Reed Model A22 3-Die Cylindrical Thread Rollers



(75+) Vidmar / Lista Multi-Drawer Tooling Cabinets Loaded w/ Header Punches, Threader Dies, Tooling Accessories and Parts



Reed Die Hangers, Thread Rolling Dies, Tooling and Accessories



Harford Model 20-225 High Speed Flat Die Thread Roller



PC Engineering 3-Roll Fillet Roll



Warren Model WT-500 High Speed Flat Die Thread Roller



(2) Warren Model WT-1500 High Speed Flat Die Thread Rollers



(2) Hartford Model 000-1000 High Speed Flat Die Thread Rollers



Waterbury Farrel Model 10 Flat Die Thread Roller



Waterbury Farrel Model 20 Horizontal Heavy Frame Hand Feed



Hartford 5-700 and 6-600 Pinch Pointers



(20) Wire Drawers by RMG, FE and Others from 1/8" thru 1/4" Capacity

THREAD ROLLERS, AUTOMATIC FLAT DIE
Harford Model 20-225 High Speed Flat Die Thread Roller; s/n 2.340.35, 1/4" - 1/2" Thread Dia., 3" Thread Length, 4" Blank Length, 135-225 PPM, Equipped w/ 36" Vibe Bowl, Acvari Drive

(2) Warren Model WT-1500 High Speed Flat Die Thread Rollers; s/n 058908 and 048907 (1989), 1/4" Thread Diameter, 2" Thread and Shank Length, 700 PPM, Equipped w/ 21" Vise Bowl **Will Accept "0" or "1015" Dies

Waterbury Farrel Model 10 Flat Die Thread Roller; s/n 220794-1887, 1/4" Thread Diameter, 2" Thread and Shank Length, 150 PPM, Equipped w/ 15" Vibe Bowl, Acvari Drive

(2) Hartford Model 0-400 High Speed Flat Die Thread Rollers; s/n 4.55.39 and 4.688.49, .086" - .190" Thread Dia., 2-1/2" Thread

Length, 3" Blank Length, 400 PPM, Equipped w/ 21" Vibe Bowl, 4.688-49 Acvari Drive

Warren Model WT-500 High Speed Flat Die Thread Roller; s/n 018214 (Built 1982), .047"-1/8" Thread Dia., 1-1/8" Thread Length, 1-1/4" Shank Length, 150-1100 PPM, Equipped w/ 16" Vibe Bowl

Kyocci Model SRO High Speed Flat Die Thread Roller; s/n 501534, 1/8" Thread Dia., 1" Thread and Shank Length, 500 PPM, Equipped w/ 12" Vibe Bowl

(2) Hartford Model 000-1000 High Speed Flat Die Thread Rollers; s/n 00.125.4 and 00-125.4, .045" - .0125" Thread Dia., 1" Thread and Shake Length, 350-1000 PPM, Equipped w/ 10" Vibe Bowl, Rotovane Hopper

THREAD ROLLERS, CYLINDRICAL DIE
(2) Reed Model A22 3-Die

Cylindrical Thread Rollers; s/n 216R (10C Die Holders) and 275R (20C Holders), 3-1/4" Thread Dia. Infeed, both machines rebuilt by Reed Machinery and Electrically Upgraded (2001)

THREAD ROLLERS, HAND FEED, FLAT DIE
Waterbury Farrel Model 20 Horizontal Heavy Frame Hand Feed; s/n n/a, 3/8" Thread Dia., 5" Thread Length, 50 SPM

Hartford Model .312 Flat Die Hand Feed; s/n n/a, 1/6" - 5/16" Thread Dia., 2-1/2" Thread Length, 40-70 SPM

Hartford Model .190 Flat Die Hand Feed; s/n 247-43, .060" - .190" Thread Dia., 1-1/2" Thread Length, 30-177 SPM

POINTERS
Saspi Model MPD-100 High Speed Shave Pointer; s/n 9980

(Built 1980), 3-10 mm Blank Dia., 10-80 mm Blank Length, 30-120 PPM, Equipped w/ 22" Vibe Bowl

Hartford Model 6-600 High Speed Pinch Pointer; s/n 2500-149-9, .150" - 3/8" Blank Dia., 1/2"-4" Blank Length, 200-600 PPM, 1" Stroke, Equipped w/ Rotovane Hopper

Hartford Model 5-700 High Speed Pinch Pointer; s/n 2.155.5, .070" - 5/16" Blank Dia., 2" Blank Length, 310-700 PPM, 3/4" Stroke, Equipped w/ 18" Vibe Bowl

HEAD SLOTTER
Warren Model WS-500 High Speed Head Slotter; s/n 098179 (1981), 118" Blank Dia., 1-1/4" Blank Dia., 1000 PPM, Equipped w/ 12" Vibe Bowl, Dual Saw Configuration Eliminates Buns

DRILLING
(2) Universal Model "HD" Double End Drilling / Tapping

Machines; s/n 2699 and 2536, 3/8" Dia. Capacity Drilling, 1/2-13" Dia. Capacity Tapping, 2-1/2" Spindle Travel, Equipped w/ 21" Vibe Bowl, Double Spindle

SHAVING
Traub Model TD-26 Single Spindle Automatic Lathe; s/n 3099 (1979), 26 mm Max Dia. Wing Collet Spindle, 22 PPM, 500-4750 Spindle Speed (14-Step), Equipped w/ Collet Spindle, 16" Vibe Bowl, 2-Cross Slides Tool Holder **Machine Will Feed Headed Blanks From Vibe Bowl w/ nto the Collet by pick-and-place transfer**

TRIMMER
Sacma Model ESA-1 Automatic Bolt Head Trimmer; s/n n/a, 5/16" Shank Dia., 3/8" - 3-3/16" Shank Length, 160 PPM, Equipped w/ 16" Vibe Bowl, New Drive



Laser General Model V-100 Versatile Measuring Machine



Saspi Model MPA-100 High Speed Shave Pointer



Traub Model TD-26 Single Spindle Automatic Lathe



#52 Greenbat Model 4 DSOD Cold Header, 1/2" x 8" Capacity



Portable and Stationary Induction Heat Systems



200 Ton Modern Model 1A200 Hydraulic Hobbing Press



Kyoei Model SRO High Speed Flat Die Thread Roller



Soling PHF Model ASM-04 Abrasive Cutoff



Asahi Okuma Model ORH-80 2-Die 3-Blow Cold Header



Hartford Model 3-500 High Speed Single Stroke Solid Die Long Stroke Cold Header



(75+) Vidmar / Lista Multi-Drawer Tooling Cabinets Loaded w/ Header Punches, Threader Dies, Tooling Accessories and Parts

FILLET ROLL

PC Engineering 3-Roll Fillet Roll; 1-1/16" Max Bolt Dia., Parker Hydraulics

ABRASIVE CUTOFF

Soling PHF Model ASM-04 Abrasive Cutoff; s/n 1008, 1/4" – 1-1/4" Bar Dia., 12" Dia. Abrasive Wheel, 12' Auto Feed Rack, Coolant and Recovery (New 2012)

LASER MEASURING MACHINE

Laser General Model V-100 Sorting Machine (uses non-contact optical inspection to map profile of small cylindrical parts); 0 - 33 mm Detecting Distance, 30 x 1 mm Projecting area through, 118 x 39.4 Mil. Projecting Area (width x thickness), Opaque Object w/ a. 2 mm Dia. smallest detectable object, Keyence LXZ-V10W Controller, 1,250 / Sec. Sample Rate, .16 ms response time, Keyence LXZ-13WT Emitting Laser,

LX2-13WR Receiving Laser, 18" Vib Bowl w/ Stand, Diverter for bad parts

WIRE DRAWERS

RMG Model 45.0770.10 Inline Wire Drawer; s/n 803176, 1/4" Nominal Wire Dia., 70 FPM, 7 HP, 20" Capstan

JH Bull Block; 22" Capstan, 30 HP Motor, 1750 RPM

German Model RTE1600 Bull Block; s/n 1004, 24" Capstan, 22/31 KW Motor

Fastener Engineers Model DT-05-24 Inline Wire Drawer; s/n 7721543, 5/16" Nominal Wire Dia., 40 FPM, 24" Capstan

Fastener Engineers Model DTTHD-0220 Inline Wire Drawer; s/n 9896445, 1/4" Nominal Wire Dia., 30-60 FPM, 20" Capstan

Fastener Engineers Model DE-0270 Inline Wire Drawer; s/n 865215, 1/4" Nominal Wire Dia., 20" Capstan

Value Draw Model GD32321

Inline Wire Drawer; s/n 10474265, 5/16" Nominal Wire Dia., 7-70 FPM, 24" Capstan

(2) Value Draw Model GD52363 Inline Wire Drawers; s/n 102176295 and 102176294, 5/16" Nominal Wire Dia., 4-45 FPM, 24" Capstan

RMG Model 45.0786.87 Inline Wire Drawer; s/n 803177, 1/4" Nominal Wire Dia., 86 FPM, 20" Capstan, 7 HP, MRC, AC Vari Drive

RMG Model 45.0574.01 Inline Wire Drawer; s/n 84061142, 1/4" Nominal Wire Dia., 74 FPM, 20" Capstan, MRC

RMG Model 34.0255.02 Inline Wire Drawer; s/n 802179, 3/16" Nominal Wire Dia., 55 FPM, 20" Capstan, MRC

(3) RMG Model 34.0260.01 Inline Wire Drawers; s/n 204804, 204802, 20483, 3/16" Nominal Wire Dia., 60 FPM, 20" Capstan, MRC

RMG Model 23.0254.87 Inline

Wire Drawer; s/n 99104857, 1/8" Nominal Wire Dia., 54 FPM, 16" Capstan

(3) RMG Model 23.0150.22 Inline Wire Drawers; s/n 84061139, 84061137, 84061140, 1/8" Nominal Wire Dia., 50 FPM, 16" Capstan

PIN DEPARTMENT

US Baird Model 3 Wire Forming Four-Slide; s/n 1470.233, 3/16" Wire Dia., Single Gibbing, Close Gearing, Solid Cams, Equipped w/ 21" Vibratory Bowl Feeding Headed Blanks Through Feed Tube into Forming Area

Freidrich Krollman Model DWU-IS 2-Roll Power Wire Pointer; s/n 69-533, 1/8" – 1/4"

Freidrich Krollman Model DWU-29 2-Roll Power Wire Pointer; s/n 86.9816, 3/16" – 5/8"

#34 HD DSOD Cold Header, .080" Cutoff Dia., 1" Shank Length, 200 PPM, Linear Feed, 2-Plane Straightener

#43 Greenbat Model O DSOD Cold Header, 1/8" Cutoff Dia., 3" Shank Length, 140 PPM, 2-Plane Straightener

#49 Greenbat Model O SSOD Cold Header, 1/8" Cutoff Dia., 2" Shank Length, 240 PPM, 2-Plane Straightener

#47 Greenbat Model 1 DSOD Cold Header, 3/16" Cutoff Dia., 3" Shank Length, 120 PPM, Acvari Drive, 2-Plane Straightener

#52 Greenbat Model 4 DSOD Cold Header, 1/2" Cutoff Dia., 8" Shank Length, 70 PPM, 2-Plane Straightener

#38 and #39 JH Model 2 SSOD Re-Headers, 1/4" Blank Dia., 4" Blank Length, Equipped w/ Zi Vibe Bowl



THURSDAY, APRIL 16TH – 9:00 AM



Heat Treat Department w/ Vacuum Furnaces to 60" x 82"



Parts Washing / Finishing Department, Tempering Line, Induction Heaters, Inconel Baskets



CNC and Toolroom Machinery, Swiss Lathes, Engine Lathes, Hardinge Lathes, Grinders

HEAT TREATING AND RELATED

VFS Vacuum Furnace Systems Corporation Model HL-36EQ2 Vacuum Furnace; s/n 2458, Work Zone Size 24" Wide x 24" High x 36" Deep, Atmosphere Argon, Max. Operating Temp 2,650 Degree, Capacity 1,000 Lb., Max Run Load 800 Lb., VFS Control Panel, Honeywell Chart Recorder

CI Hayes Type VSQ Vacuum Furnace; s/n 15776, Argon Gas, Oil Quench, 60" Dia. x 82" Inner Chamber Dimensions, Max. Temp. 2,400 Degree, Capacity 400 Lb., Honeywell Chart Recorder, Televac Mx200 Vacuum Controller

Vacuum Industries Series 3530 Model 3024 Vacuum Furnace; s/n 41903, Max. Temp. 2,400 Degree, Capacity 100 Lb., GCA Control Panel, Honeywell Multitrend Sx Recorder

AGF / Lanly / CI Hayes Hardening, Washing, Tempering Line; AGF 3-Zone Hardening Furnace w/ Water Quench System and 18" Wide Exit Incline Conveyor, Lanly 18" Wide Belt Pass Thru Parts

Washer, Honeywell and Blow Off Temperature Controls, CI Hayes Type OLC Tempering Furnace; s/n 16202, Max Temp 1,400 Degree

Electroven Type BAT-28 Electric Heat Treat Oven; s/n 950183, Max. Temp. 1,000 Degree, Capacity 200 Lb., Honeywell Controls, Inner Dimensions 30" x 38" x 23" High

CI Hayes Type HAT Electric Heat Treat Furnace; s/n 16680, Max. Temp. 1,400 Degree, Inner Dimensions 29" x 48" x 28" High, 60 KVA Transformer

Lindberg Air Furnace, Max Temp 1,250 Degree, Capacity 500 Lb., Heat Chamber 30" Dia. x 38" Deep

Sentry Heat Treat Furnace; s/n CA48143, Heat Chamber 12" Dia. x 10" Deep

20 KW Sentry Model Y Electric Heat Treat Furnace; s/n 71302

400 Degree Max Temp Salt Pot w/ Honeywell Controls

Generon Nitrogen-Cobrans Gas Generator; s/n 1989-17, Natural Board NO. 189, Teledyne Oxygen Analyzer, Gaging

PARTS FINISHING AND CLEANING EQUIPMENT

Nippon Super Centrifugal Finishing Machine

Trinco Model 24/BP Abrasive Blast Cabinet

McKenzie Type E350 Chip Separator; 040"-3/4" Dia. Range, 1/4" – 3-1/2" Length Range, 1/2' / 3 Min

(2) Uni-Blast Spray Blast Cabinets w/ Dust Collectors, Set Up for Aluminum Oxide Media

Kramer Industries Model LT-BD-36 Abrasive Blast Cabinet

12" Wide Mr. Deburr Vibratory Parts Finisher

(6) 30" to 36" Rubber Lined Vibratory Parts Finishing Bowls by Sweco and Others

(4) Barrett and New Holland Spin Type Parts Dryers w/ Baskets

(2) Ramco Auto-Lift Parts Cleaners, 36" Left to Right x 26" Front to Back x 24" Deep

(3) Cement Mixer Type Parts Finishing Machines

Mfg. Unknown Electric Fired Belt Pass Thru Parts Bin Washer, 24" Wide x 60" Long

Shaiver 24-Plate Filter Press

SWISS TYPE CNC LATHES

Star Model SV-32JII Swiss Type CNC Lathe; s/n 0278 (32), Fanuc Series 18i-T CNC Control, Max Machine Dia. 1-1/4", Max Drilling 3/4" at Turret – 5/16" at Gang Post, Tapping, Milling, Slotting, Gang Tool Post, 8-Station Turret, Spindle Speed 300 to 7,000 RPM

• **LNS Model HS-4.8 Super Hydrobar Bar Feeder;** s/n 42474-2003

Star Model SR-20 Swiss Type CNC Automatic Lathe; s/n 020785, Fanuc Series 16-TT CNC Controls Spindle Speed 400 to 8,000 RPM, Max Turning Dia. 20 mm, Drilling Capacity 8 mm, Tapping Capacity M8P1.25, 3-Tool on End Working Attachment, 3-Tools for Backworking

• **LNS Type 3.20HS-4.8 Bar Feeder;** s/n 36881

TOOLROOM

200 Ton Modern Model 1A200 Hydraulic Hobbing Press; s/n 1029, 8" Stroke, 8" Stroke

(6) Hardinge Model HLIV and TFB Precision Lathes; s/n 10226-T, 11588-T, H-11616T, 11672-T, 8515-T, n/a, Each w/ Tool Post, Tailstock, Collet Chucks and Extra 6" Conventional Chucks

Hardinge Model HSL-59 and HSL-5C Lathes

16" x 60" Leblond Regal Engine Lathe; s/n 8C-4930, 45-1,500 RPM, Taper Attachment, 8" 3 and 4-Jaw Chucks, Tailstock

17" x 70" Clausing Colchester Engine Lathe; s/n 0050, 20-1,600 RPM, 12" 3-Jaw Chuck, Tailstock

(2) 6" x 18" Brown and Sharpe Model 618 Micromaster Surface Grinder

6" x 12" Brown and Sharpe Model 612 Valumaster Surface Grinder

Other Grinders by K.O. Lee, Hammond, Darex and Baldor

75 Ton Dake Model 5-075 H-Frame Elec-Draulic Shop Press; s/n 156804



CNC and Toolroom Machinery, Swiss Lathes, Engine Lathes, Hardinge Lathes, Grinders



(75+) Vidmar/Lista Cabinets Loaded w/ Tooling, Inspection Equipment



(300+) Lots Shop and Support Equipment, Air Compressors, Forklifts, Stackers and Related

Hardinge Model TM-UM Horizontal Milling Machine
96" Ryerson Finger Brake
K&T No. 2 Universal Vertical Mill, 12" x 54" Table
Gorton Model P1-3 Engraver
12" x 18" Wells Model 1200 Horizontal Band Saw
Rockwell 10" Unisaw Table Saw
Hammond Model WD-10-C DE Carbide Tool Grinder; s/n 12957
Mitsubishi Model DWC-900 Wire EDM Machine; s/n 519C1941

MATERIAL HANDLING

5,000 Lb. Caterpillar Model V50C LPG Solid Pneumatic Tire Lift Truck; s/n 02Y00427, 3-Stage Mast, 156" Lift Height, 73" Mast
3,000 Lb. Raymond Model R30TN Stand-Up Electric Reach Truck; s/n ET-B-9806831, 150" Lift Height, 24 Volt w/ Charger
6,000 Lb. Raymond Model 112TM Electric Stand-On Pallet Truck; s/n 112-00-33362, 24 Volt, w/ Charger

4,000 Lb. Clark Model ST40B Electric Walk Behind Stacker; s/n ST245-0453-4068FA, 24 Volt w/ Charger
3,300 Lb. Big Joe Electric Walk Behind Stacker; s/n 325150301, 24 Volt w/ Charger
3,000 Lb. Caterpillar LP Gas Cushion Tire Lift Truck, 2-Stage Mast, Out of Service
(4) 1,000 Lb. / 1,500 Lb. Electric Die Lifts by Presto and Lewis and Sheppard
1/2 to 3-Ton Electric Hoist

INSPECTION EQUIPMENT

14" Mitutoyo Model PH-3500 Optical Comparator; s/n 00611409, 5-3/4" x 17-1/2" Worktable, Mitutoyo QM-Data 200, DRO
14" Nikon Model R-14 Optical Compactor; s/n 39594, 5" x 18" Worktable w/ Mitutoyo Ganging, Stangert DRO
12" Nikon Model V12B Optical Compactor, Nikon Digital Protractor Gaging, Quadra-Chek 2000, DRO

Wilson Model 4JR Hardness Tester; s/n 8642

Mark-10 Motorized Torque Measurement Test Stand

Varian Model 925-400 Porta Test Mass spectrometer Leak Detector

Large Quantity Small Gages and Inspection Tools; (10) Vidmars Loaded w/ Hole and Thread Gages, Microscopes, Lab Equipment, Granite Surface Plates, Micrometers, Height Gages, Pin Gage Indexes, Mitutoyo Electric Dial Indicators and Many Other Inspection Items Related to Cold Heading and Threading

AIR COMPRESSORS

100 HP Quincy Model QSI-500 Air Compressor; s/n UNO6097, 37,000 Hours Showing

100 HP Quincy Model QSL-490-AN Air Compressor; s/n 25511209318, 11,963 Hours Showing

100 HP Quincy Model Q490 Air Compressor; s/n 255112-0-4810, Hours n/a

75 HP Quincy Model Q350 Air Compressor

50 HP Quincy Rotary Screw Air Compressor – Out of Service
(3) 500 Gallon Air Receiver Tanks

5 HP Husky Vertical Tank 2-Stage Air Compressor

SUPPORT EQUIPMENT

Universal Automatic Bowl Feed Parts Sorters
Uline Model H-959 Semi-Automatic Poly Strapping Machine

NBP Model HY-610 Vertical Hydraulic Cardboard Baler; s/n 12-1788

Altek Rotary Pallet Stretch Wrapper, 48" Dia.

(300+) Lots Shop Equipment to Support 65,000 Sq. Ft. Facility; (40) Sections 32" x 102" x 12' Pallet Rack, Better Pak 555 Tape Shooters, Uline Impulse Sealers, Mettler Electronic Scales, Shop Ladders of All Kinds, Banding Carts, (25) SS Metro Carts, (50) 1,000 Lb. Floor Type Platform Scales, Benders, Tables, Storage Cabinets and Many Other Related Items

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PUBLIC AUCTION

Plant Closed

JOHN HASSALL, INC.

609 Cantiague Rock Road, #1
Westbury, New York 11590

On Long Island 30 miles east of Manhattan

SALE DATE:
Thursday, April 16th
STARTING: 9:00 AM

INSPECTION:
Day prior from 10:00 AM to 4:00 PM
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THURSDAY, APRIL 16TH

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