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auCTION

Former Manufacturer of Aircraft Turbines

(Name Withheld by Request)

Auction

Tuesday, July 1st
Beginning at 10:30am, Pacific

Preview

Monday, June 30th
9am to 4pm and morning of sale

Location

26150 West Technology Drive
Valencia, California



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Directions

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BOSTOMATIC 1000 (5) AXIS VMC, MDL. 517-1



BOSTOMATIC 14-24 (5) AXIS VMC, MDL. 14/24



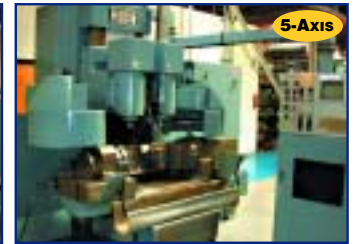
BOSTOMATIC (5) AXIS VMC, 514-1



BOSTOMATIC (5) AXIS VMC, MDL. 412-4



BOSTOMATIC (5) AXIS VMC, MDL. 505-40TC



BOSTOMATIC 400 (5) AXIS VMC, MDL. 400-S

(5) BOSTOMATIC 5-AXIS CNC SINGLE SPINDLE VMC'S

- 1- **BOSTOMATIC 1000 (5) AXIS VMC, MDL. 517-1**, s/n MB-536, 40" x 17" x 17" Travels, Full 360° A-Axis, 180° B-Axis, 7,000, RPM, No. 40 Taper, Bostomatic CNC Control, Hofmann Mdl. WRNC 200 CNC Rotary Table, Coolant System.
- 1- **BOSTOMATIC 14-24 (5) AXIS VMC, MDL. 14/24**, s/n MB-380, 24" x 14" x 16.7" Travels, Full 360° A-Axis, 180° B-Axis, 7,000 RPM, No. 40 Taper, Bostomatic CNC Control, Hofmann Mdl. WRNC 250 CNC Rotary Table, Coolant System.
- 1- **BOSTOMATIC (5) AXIS VMC, MDL. 514-1**, s/n MB-546, 24" x 14" x 16.7" Travels, Full 360° A-Axis, 180° B-Axis, 7,000 RPM, No. 40 Taper, Bostomatic CNC Control, Bostomatic Mdl. WRNC 250 CNC Rotary Table, Coolant System.
- 1- **BOSTOMATIC (5) AXIS VMC, MDL. 412-4**, s/n MB-105, 20" x 14" x 16" Travels, Full 360° A-Axis, 180° B-Axis, 24,000 RPM, Schaublin Taper, 18 ATC, Bostomatic CNC Control, Bostomatic Mdl. STD CNC Rotary Table, Coolant System.
- 1- **1990 BOSTOMATIC (5) AXIS VMC, MDL. 505-40TC**, s/n MF-003, 40" x 12" x 17" Travels, Full 360° A-Axis, 135° B-Axis, 5,000 RPM, No. 40 Taper, 18 ATC, Bostomatic CNC Control, Nikken Mdl. CNC 250 Rotary Table, Coolant System.

BOSTOMATIC 4-AXIS DUAL SPINDLE VMC

- 1- **BOSTOMATIC 400 (4) AXIS VMC, MDL. 430-0**, s/n MD-010, 20" x 14" x 16" Travels, Full 360° A-Axis, 7,000 RPM, No. 40 Taper, 15 ATC, Bostomatic CNC Control, Hofmann Mdl. WRNC 200 Rotary Table, Coolant System.

RIDGID 5-AXIS DUAL SPINDLE VMC

- 1- **RIDGID (5) AXIS VMC, MDL. NF-100**, s/n 7147, 14.6" x 13.8" x 9.8" Travels, 140° A-Axis, Full 360° B-Axis, 4,000 RPM, No. 40 Taper, Allen Bradley 8200 CNC Control, Ridgid CNC Tilting Rotary Table, Coolant System.

(4) BOSTOMATIC 4-AXIS 4- SPINDLE VMC'S

- 4- **BOSTOMATIC 1000 (4) AXIS 4-SPINDLE VMC, MDL. 732-4**, s/n's MB-586, MB-642, MB-643, MB-747, 40" x 17" x 17" Travels, Full 360° A-Axis, 7,000 RPM, No. 40 Taper, Bostomatic CNC Control, Bostomatic 4-Coupled CNC Rotary Table, Coolant System.



MORI SEIKI (4) AXIS VMC, MDL. MV40B

(2) BOSTOMATIC 5-AXIS CNC DUAL SPINDLE VMC'S

- 2- **BOSTOMATIC 400 (5) AXIS VMC, MDL. 400-S**, s/n's MD-098, MD-069, 20" x 14" x 16" Travels, 150° A-Axis, Full 360° B-Axis, 7,000 RPM, No. 40 Taper, 15 ATC, Bostomatic CNC Control, Hofmann Mdl. KOMBI 200 CNC Tilting Rotary Table, Coolant System.

BOSTOMATIC 4-AXIS SINGLE SPINDLE VMC

- 1- **BOSTOMATIC 312 (5) AXIS VMC, MDL. 312-1S**, s/n MM-506, 18" x 12" x 12" Travels, Full 360° A-Axis, 24,000 RPM, Schaublin Taper, 12 ATC, Bostomatic CNC Control, Bostomatic Mdl. STD Rotary Table, Coolant System.



RIDGID (5) AXIS VMC, MDL. NF-100



FADAL 4020 (5) AXIS VMC, MDL. VMC 4020



MORI SEIKI (4) AXIS VMC, MDL. MV35/40

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MORI SEIKI (4) AXIS VMC, MDL. MV35/40



MORI SEIKI (4) AXIS VMC, MDL. MV JUNIOR



MORI SEIKI (4) AXIS VMC, MDL. MV40

(8) CNC VERTICAL 4 & 5-AXIS MACHINING CENTERS

- 1- 1991 MORI SEIKI (4) AXIS VMC, MDL. MV40B, s/n 3006, 31.5" x 16.1" x 20" Travels, 8,000 RPM, Cat 40 Taper, 30 ATC, Fanuc MF-M4 CNC Control, Tsudakoma Mdl. MDH-200R CNC Rotary Table, Coolant System.
- 1- 1991 MORI SEIKI (4) AXIS VMC, MDL. MV40, s/n 2937, 31.5" x 16.1" x 20" Travels, 8,000 RPM, Cat 40 Taper, 30 ATC, Fanuc MF-M4 CNC Control, Tsudakoma Mdl. MDH-200R CNC Rotary Table, Coolant System.
- 1- MORI SEIKI (4) AXIS VMC, MDL. MV35/40, s/n 761, 30" x 13.7" x 17.7" Travels, 6,000 RPM, Cat 40 Taper, 30 ATC, Yasnac MX2 CNC Control, Chip Conveyor, Coolant System.
- 1- MORI SEIKI (4) AXIS VMC, MDL. MV35/40, s/n 563, 30" x 13.7" x 17.7" Travels, 6,000 RPM, Cat 40 Taper, 30 ATC, Fanuc 11M CNC Control, Tsudakoma Mdl. MDH-200R CNC Rotary Table, Chip Conveyor, Coolant System.
- 1- MORI SEIKI (4) AXIS VMC, MDL. MV35/40, s/n 65, 30" x 13.7" x 17.7" Travels, 6,000 RPM, Cat 40 Taper, 20 ATC, Fanuc 6M CNC Control, Tsudakoma Mdl. MDH-200R CNC Rotary Table Chip, Conveyor, Coolant System.
- 1- MORI SEIKI (4) AXIS VMC, MDL. MV JUNIOR, s/n 105, 22" x 16" x 18" Travels, 6,000 RPM, Cat 40 Taper, 30 ATC, Fanuc 10M CNC Control, Tsudakoma Mdl. MDH-200R CNC Rotary Table, Coolant System.
- 1- TREE KIRA (4) AXIS VMC, MDL. 200, s/n 6D6071, 25.6" x 16.1" x 20.1" Travels, 6,000 RPM, Cat 40 Taper, 40 ATC, Fanuc 10M CNC Control, Tsudakoma Mdl. RNCM-251R CNC Rotary Table, Coolant System.
- 1- FADAL 4020 (5) AXIS VMC, MDL. VMC 4020, s/n 8810843, 40" x 20" x 20" Travels, 105" A-Axis, Full 360° B-Axis, 10,000, RPM, No. 40 Taper, 21 ATC, Fadal CNC 88 Control, Tsudakoma Mdl. TTNC-301 CNC Tilting Rotary Table, Coolant System.



MORI SEIKI (4) AXIS VMC, MDL. MV35/40



TREE KIRA (4) AXIS VMC, MDL. 200



TOYODA (4) AXIS VMC, MDL. FA 550

CNC VERTICAL BORING MILL

- 1- 1996 (RETROFIT) SCHIESS CNC VERTICAL BORING MILL, MDL. 20 DS 160, 55" Max Swing x 39" Under Rail, 45" (4) Jaw Chuck, (4) Position Turret, 300 RPM, Fanuc OT CNC Control, Chip Conveyor, Coolant System.

CNC TOOL & CUTTER GRINDER

- 1- 1999 HUFFMAN (6) AXIS CNC TOOL & CUTTER GRINDER, MDL. 155R, s/n WO-0734, 16" x 16" Capacity, 16" x 16" x 15.5" Travels, 360° A-Axis, 145° C-Axis, Manual U-Axis, Huffman Open CNC Control, 28HP, 6"-9" Wheel Diameter, 4,000-8,000 RPM, Hydroflow Vacuum Filter/ Coolant System, Mdl. HVF-12A, s/n 97529.



SCHIESS CNC VBM

(4) CNC 4 & 5-AXIS HORIZONTAL MACHINING CENTERS

- 1- 1998 TOYODA (5) AXIS VMC, MDL. FA 550II, s/n NM8833, 29.5" x 29.5" x 23.6" Travels, 12,000 RPM, Cat 50 Taper, 120 ATC, Full 360° A&B Axis, Fanuc 15M CNC Control, Tsudakoma Mdl. RB-300K CNC Rotary Table, Coolant System.
- 2- K & T (5) AXIS VMC, 600-5, s/n'S 5178064, 5180065, 30" x 26" x 22" Travels, 6,000 RPM, Cat 50 Taper, 52 ATC, Full 360°s C-Axis, 210° B- Axis, MDSI Open CNC Control, Chip Conveyor, Coolant System.
- 1- 1996 TOYODA (4) AXIS VMC, MDL. FA 550, s/n NM7818, 29.5" x 29.5" x 23.6" Travels, 12,000 RPM, Cat 50 Taper, 90 ATC, Full 360° B-Axis, Fanuc 15M CNC Control, Coolant System.



HUFFMAN (6) AXIS CNC TOOL & CUTTER GRINDER



K & T (5) AXIS VMC, 600-5



TOYODA (5) AXIS VMC, MDL. FA 550II



IKEGAI CNC LATHE, MDL. TU30L



MORI SEIKI CNC LATHE, MDL. SL-25B500



MORI SEIKI CNC LATHE, MDL. TL-5A



EDM SOLUTIONS RAM TYPE EDM, VANGUARD



BRIDGEPORT VERTICAL MILLING MACHINE



OKUMA CNC LATHE, MDL. LC-40-2ST



NAMSEON 24"/32" X 60" GAP BED ENGINE LATHE, MDL. 600X1500



CHARMILLES RAM TYPE EDM, ROBOFORM 40,

(6) CNC TURNING CENTERS

- 1- 1997 IKEGAI CNC LATHE, MDL. TU30L, s/n 53741V, 16.5" x 59.1" Capacity, 13" x 59.8" Travels, 15" (3) Jaw Chuck, (12) Position Turret, 2,500 RPM, Fanuc 18Ti CNC Control, Chip Conveyor, Coolant System.
- 1- MORI SEIKI CNC LATHE, MDL. SL-25B500, s/n 468, 10.2" x 24.6" Capacity, 6.3" x 20.8" Travels, 10" (3) Jaw Chuck, (12) Position Turret, 3,500 RPM, Fanuc 10T CNC Control, Chip Conveyor, Coolant System.
- 1- MORI SEIKI CNC LATHE, MDL. TL-5A, s/n 1525, 12.4" x 41.3" Capacity, 9.2" x 42" Travels, 10" (3) Jaw Chuck, (8) Position Turret, 1,200 RPM, Yasnac LX1 CNC Control, Coolant System.
- 2- MORI SEIKI CNC LATHE, MDL. TL-2A, s/n S 7705, 7707, 11" x 23.5" Capacity, 8" x 21" Travels, 10" (3) Jaw Chuck, (8) Position Turret, 2,000 RPM, Yasnac 2000 Control, Coolant System.
- 1- OKUMA CNC LATHE, MDL. LC-40-2ST, s/n 6107-1271, 21.6" x 9.8" Capacity, 12" (3) Jaw Chuck, (12) Position Upper Turret, (8) Position Lower Turret 2,500 RPM, OPS 5000 L-G CNC Control, Chip Conveyor, Coolant System.

(3) CNC WIRE EDM'S

- 1- 1992 MITSUBISHI CNC WIRE EDM, MDL. DWC90C, s/n 519C1942, 13.7" Workpiece Width x 17.7" Workpiece Depth x 6.3" Workpiece Height, 9.8" x 11.8" Travels, .1-3mm Wire Diameter, 10 Amps, Mitsubishi CNC Control, Taper Machining, Dielectric Fluid/Filter System.
- 2- 1989 & 1990 MITSUBISHI CNC WIRE EDM, MDL. DWC110C, s/n S 591C2101, 591C2151, 17.7" Workpiece Width x 23.6" Workpiece Depth x 10.2" Workpiece Height, 11.8" x 17.7" Travels, .1-3mm Wire Diameter, 10 Amps, Mitsubishi CNC Control, Taper Machining, Dielectric Fluid/Filter System.

(4) CNC RAM TYPE EDM'S

- 1- 1998 EDM SOLUTIONS CNC RAM TYPE EDM, VANGUARD, s/n 9046, 47.2" Work Tank Width x 27.5" Work tank Depth x 17" Work tank Height, 17.7" x 15.7" x 13.7" Travels, C-axis, 150 Amps, Heidenhain 406 CNC Control, Dielectric Fluid/Filter System.
- 1- 1997 CHARMILLES CNC RAM TYPE EDM, ROBOFORM 40, s/n 75121, 48" Work Tank Width x 31.2" Work tank Depth x 18.3" Work tank Height, 19.7" x 15.7" x 17.7" Travels, C-Axis, 64 Amps, Charmilles CNC Control, Dielectric Fluid/Filter System.
- 1- 1997 CHARMILLES CNC RAM TYPE EDM, ROBOFORM 40, s/n 75203, 48" Work tank Width x 31.2" Work tank Depth x 18.3" Work tank Height, 19.7" x 15.7" x 17.7" Travels, C-axis, 64 Amps, (6) Position Tool Changer, Charmilles CNC Control, Dielectric Fluid/Filter System.
- 1- SODICK CNC RAM TYPE EDM, MDL. FSA3C-R, s/n SA3C-105, 29.5" Work tank Width x 18.5" Work tank Depth x 12.6" Work tank Height, 11.8" x 7.8" x 9.8" Travels, C-axis, Sodick Mark 111 CNC Control, Dielectric Fluid/Filter System.



SODICK CNC RAM TYPE EDM, MDL. FSA3C-R



MITSUBISHI CNC WIRE EDM, MDL. DWC110C



MITSUBISHI CNC WIRE EDM, MDL. DWC90C

(9) VERTICAL MILLING MACHINES

- 1- BRIDGEPORT VERTICAL MILLING MACHINE, MDL. SERIES I, s/n 253120, 9" x 42" Table, 2 HP Vari-speed Head, Chrome Ways, Power Draw Bar, Longitudinal & Cross Power Feeds, Acurite DRO.
- 1- BRIDGEPORT VERTICAL MILLING MACHINE, MDL. SERIES I, s/n 247200, 9" x 42" Table, 2 HP Vari-speed Head, Chrome Ways, Longitudinal Power Feed.
- 1- BRIDGEPORT VERTICAL MILLING MACHINE, MDL. SERIES I, s/n 155489, 9" x 42" Table, 1 1/2 HP Vari-speed Head, 7" Riser, Longitudinal Power Feed.
- 1- BRIDGEPORT VERTICAL MILLING MACHINE, MDL. BR12, s/n 30646, 9" x 42" Table, 1 HP Belt Head.

- 1- TREE VERTICAL MILLING MACHINE, MDL. 2UVR, s/n 6031, 9" x 42" Table, 1 1/2 HP Vari-Speed Head, Power Feed.
- 1- GORTON VERTICAL MILLING MACHINE, MDL. 1-22, s/n 39258, 10" x 42" Table, Vari-speed Head, B & S Quick Change Collet System.
- 1- GORTON VERTICAL MILLING MACHINE, MDL. 1-22, s/n 47324, 10" x 42" Table, Vari-Speed Head, B & S Quick Change Collet System.
- 1- KENT VERTICAL MILLING MACHINE, MDL. KTM5VT, s/n 880805-9, 10" x 42" Table, Vari-Speed Head, 10" Riser.
- 1- RAMBAUDI VERTICAL MILLING MACHINE, MDL. V-2, s/n V1832, 12" x 42" Table, Belt Head.

(9) ENGINE LATHES

- 1- NAMSEON 24"/32" X 60" GAP BED ENGINE LATHE, MDL. 600X1500, s/n 23-150-178, 15" (3) Jaw Chuck, 23-1220 RPM, DRO, Coolant System.
- 1- CAZENEUVE 24" X 84" ENGINE LATHE, MDL. HB36, s/n 11388-U8, 18" (3) Jaw Chuck, 14-1600 RPM, Coolant System.
- 1- FERRO 20" X 60" GAP BED ENGINE LATHE, MDL. 20, s/n CMT 8686, 15" (3) Jaw Chuck, 46-2000 RPM, DRO, Coolant System.

- 2- WEBB 15 3/4" X 40" ENGINE LATHE, MDL. 153/4X40, s/n S 8011-38, 8008-01, 12" (3) Jaw Chuck, 50-1850 RPM, DRO, Coolant System.
- 3- VICTOR 16" X 30" ENGINE LATHE, MDL. 1630, s/n's, 450629, 450669, 450659, 10" (3) Jaw Chuck, 65-1800 RPM, Coolant System.
- 1- GRAZIANO 14" X 48" ENGINE LATHE, MDL. SAG 14, s/n 48186, 10" (3) Jaw Chuck, 1500 RPM, Coolant System.



FERRO 20" X 60" GAP BED ENGINE LATHE, MDL. 20



WEBB 15 3/4" X 40" ENGINE LATHE, MDL. 153/4X40



VICTOR 16" X 30" ENGINE LATHE, MDL. 1630



KENT VERTICAL MILLING MACHINE, MDL. KTM5VT



TOYODA UNIVERSAL OD/ID GRINDER, MDL. GU28-200



TOOL & CUTTER GRINDER, MDL. 1704



SCHENCK BALANCING MACHINE, MDL. H2BU



TIMESAVER ROTARY TUMBLER, MDL. H2 120

UNIVERSAL OD/ID GRINDER

- 1- TOYODA UNIVERSAL OD/ID GRINDER, MDL. GU28-200, s/n SS4800, 10" x 36" Capacity, Swing Down ID Attachment, Coolant System.

(3) SAWS

- 1 GROB 24" VERTICAL BAND SAW, MDL. NS24, s/n 2556, Blade Welder.
- 1 WELLS 12" HORIZONTAL BAND SAW, MDL. 1000, s/n 1989.
- 1 POWER HACK SAW, 12" Blade.

HONING MACHINE

- 1- SUNNEN HONING MACHINE, MDL. MBB-1600, s/n 44914, Auto Stroker, Mandrels.

SPIN TESTING MACHINE

- 1- 2001 BARBOUR STOCKWELL SPIN TESTING MACHINE, MDL. 10100-200, s/n 10100-000, 13" Max. Wheel Diameter, 12" Max. Wheel Length, 30 Lbs. Max. Wheel Weight, 18" x 20" Deep Vacuum Chamber, Spin Test RPM to 100,000 RPM, Control Panel.

BALANCING MACHINES

- 1- SCHENCK BALANCING MACHINE, MDL. H2BU, s/n AHD 8711M, .3"-2" Journal Range, 31" Max. Rotor Diameter, 100 lbs. Max. Weight, Control Panel.
- 1- BALANCE RESEARCH CO. BALANCING MACHINE, MDL. 50E, s/n 9103R.

(3) ROTARY/VIBRATORY TUMBLERS

- 1- TIMESAVER ROTARY TUMBLER, MDL. H2 120, s/n 20801F.
- 1- SWECO VIBRATORY TUMBLER, MDL. FMD-2RL, s/n D2.5787630.
- 1- VIBROSONIC 4" VIBRATORY TUMBLER, s/n 08819.

(2) AIR COMPRESSORS

- 1- SULLAIR 25 HP ROTARY AIR COMPRESSOR, MDL. 10-25.
- 1- CHAMPION ROTARY AIR COMPRESSOR, MDL. EW-250.

FORKLIFT

- 1- CAT 4,000 LB. ELECTRIC FORKLIFT, MDL. 495R, s/n IK00515 MC40D.

(12) GRINDERS

- 1- BOYER SCHULTZ 6" X 18" SURFACE GRINDER, s/n H-795, 6" x 18" Electromagnetic Chuck.
- 1- HDG MDL. HDG-40 TOOL & CUTTER GRINDER.
- 1- TOOL & CUTTER GRINDER, MDL. 1704.
- 3- GORTON GRINDERS, MDL. 75 .
- 1- LESTER-BROWN 6" DOUBLE END CARBIDE GRINDER.
- 5- VARIOUS 6" PEDESTAL GRINDERS.

(3) DRILL PRESSES

- 1- 17" ROCKWELL DELTA DUAL SPINDLE DRILL PRESS w/Table, Vari-Speed Heads.
- 1- 15" BUFFALO FLOOR STANDING DRILL PRESS.
- 1- 15" DELTA BACK SPOT FACING DRILL PRESS.

(5) COMPARATORS

- 3- J & L 30" COMPARATORS, MDL. EPIC 30, s/n'S E-42017, E-42071, E-42091, 10X, DRO.
- 1- DELTRONIC 14" BENCHTOP COMPARATOR, s/n A88111776, DRO.
- 1- MICROVIEW 9" BENCHTOP COMPARATOR.

(5) COORDINATE MEASURING MACHINES

- 1- 1996 GIDDINGS & LEWIS CORDAX CMM, MDL. RS-70DC, s/n A-0965-0796, 48" x 48" x 48" Capacity, Renishaw PH10MQ Probe, "DC" Software, Remote Control Pendant.
- 1- MITUTOYO CMM, MDL. B-231, s/n 8404616, 28" x 28" x 16" Capacity, Renishaw TPSI Probe, Geopak 2000 Software.
- 1- CORDAX CMM, MDL. 1505, S/n 46, 12" x 16" x 8" Capacity, Renishaw PH8 Probe, Geopak 2000 Software.
- 1- CORDAX CMM, MDL. 1000, s/n 2-0876-0572, 24" x 8" x 12" Capacity, DRO.
- 1- BOICE CMM, MDL. CL301, s/n NA.

INSPECTION EQUIPMENT

- 4' x 8' Granite Plate/Stand • (3) 3' x 4' Granite Plates/Stands • Brown & Sharpe Digit Height Gage, 12" to 24" • Height Gages • Air Gages • Angle Plates • 1-2-3 Blocks • V- Blocks • Bench Centers • 1"-12" Micrometers • Etalon Bore Micrometers • Blade Micrometers • Depth Micrometers • 6"-40" Verniers Calipers • Mitutoyo Dial • Gages • Mahr Bore Gages • Drop Indicators/Stands • .001 Indicators • .0001 Indicators • Cylindrical Ring Gages • Thread Ring Gages • Thread Plug Gages • Pin Sets • Gage Block Sets, Etc.

MISCELLANEOUS

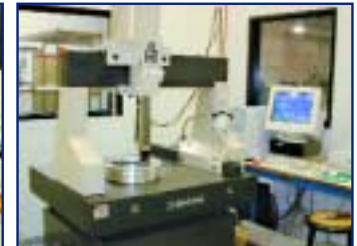
- ICB Blast Cabinet, Mdl. AB-25ED-1, s/n AB-25-ED-14-89-8 • (2) TORIT Downflow Dust Collectors, Mdl. 2DF4 for Deburring Room • Several Dust Collectors • Upright Battery Operated Manlift, Mdl. UL-24 • ZYGLO Inspection Machine, Mdl. 2A-28, s/n 11463 • TRUE TRACE 6" Tracer, s/n 4120 • (2) TRUE TRACE 5" Tracers, s/n 3195 & 3270 • Die Lift Carts • RIGID Table Saw, Mdl. TS2424-1 • FAIRBANKS & MORSE Weight Scale • Strap Banding Machine • Fluid Steam Clearer • NUGIER H-Frame Hydraulic Press • Floor Scrubber, Racks • CAT 40 & 50 End Mill Holders • End Mills • Drills, Reamers • LISTA Cabinets • Benches & Much More!



GIDDINGS & LEWIS CORDAX CMM, MDL. RS-70DC



CORDAX CMM, MDL. 1505



MITUTOYO CMM, MDL. B-231



INSPECTION EQUIPMENT



SULLAIR 25 HP ROTARY AIR COMPRESSOR



BARBOUR STOCKWELL SPIN TESTING MACHINE, MDL. 10100-200



(2) TORIT DOWNFLOW DUST COLLECTORS, MDL. 2DF4 FOR DEBURRING ROOM



DEBURRING ROOM

THE ITEMS LISTED BELOW ARE LOCATED OFF SITE AND WILL BE SOLD VIA PHOTO & BIDCAST FROM THE AUCTION LOCATION. FOR ADDITIONAL INFORMATION, PLEASE CALL 818.508.7034



TREE VERTICAL CNC MACHINING CENTER, MDL VMC 1050/24



OKUMA VERTICAL MACHINING CENTER, MDL MC-4VAE



SHARNOA VERTICAL MACHINING CENTER, MDL. SDC-20



DAHLIH VERTICAL MACHINING CENTER, MDL. MCV520

VERTICAL MILL

- 1- 30" X 80" CINCINNATI MILACRON CNC HYDROTEL VERTICAL MILLING MACHINE, MDL. 20V-80, s/n 85-414Q-001-1, ALAN BRADLEY ACRAMATIC CNC Mdl 2.1 w/Crt, Tape Reader, Coolant Pump With Tank, Complete Factory Safety Guards, 30 Position Automatic Tool Changer, Bayonet Type Drawbar. Located in Los Angeles, CA.

CNC CHUCKER

- 1- 1981 22" X 27" IKEGAI FX 30 N CNC CHUCKER, MDL. FX30, s/n YT6327, FANUC 6TB Control, 12" Chuck, Chip Conveyor, Coolant System, 25/35 H.P. Located in Los Angeles, CA.

PROFILER

- 1- 1987 CINCINNATI 5-AXES VERTICAL CNC HONEYCOMB PROFILER, BED TYPE, MDL. 20V, s/n 87-416Q779-1. Located in Los Angeles, CA.

VERTICAL BORING MILLS

- 1- 1990 SCHIESS DEFRIES VERTICAL BORING MILL, s/n 176060, 90" Table Diameter, Rail Up 75", (15) Settings, 1.4-45 RPM, No Pit, (2) Independent Columns, Machine from Both Sides. Located in Los Angeles, CA.



HURCO CNC VERTICAL MACHINING CENTER



HURCO CNC VERTICAL MACHINING CENTER



CINCINNATI-MILACRON CNC HORIZONTAL MACHINING CENTER, MDL. MA T-10

(7) VERTICAL/HORIZONTAL MACHINING CENTERS

- 1- 1994 40" X 20" TREE VERTICAL CNC MACHINING CENTER, MDL. VMC 1050/24, s/n 9-20-93-1054, DYNA PATH DELTA AUTOCON CNC Control, 24 Station ATC, Chip Auger, Remote Pulse Hand Control, Auto Lube, Coolant, Full Enclosure. Located in Los Angeles, CA.
- 1- 1990 30" X 16" X 17" OKUMA VERTICAL MACHINING CENTER, MDL. MC-4VAE, s/n 0212-9560, OSP 5020M CNC Control, 20 Station Automatic Tool Changer, X-Y-Z Hand Pulse Control, Auto Lube System, Coolant & Guards, High/Low Geared Head. Located in Los Angeles, CA.
- 1- 1986 22" X 16" X 20" SHARNOA VERTICAL MACHINING CENTER, MDL. SDC- 20, s/n 865297, SHARNOA Tiger 4 Control, Coolant System, Spray Mist Coolant, Auto Lube System, Splash Guards. Located in Los Angeles, CA.
- 1- 1986 20" X 15" X 17" DAHLIH CNC VERTICAL MACHINING CENTER, MDL. MCV520, s/n 52021, FANUC 11M CNC Control, Auto Lube System, Coolant System, Splash Guard. Located in Los Angeles, CA.
- 1- 1982 14" X 19" HURCO VERTICAL MACHINING CENTER, MDL. KMB-I, s/n K-8017052B, HURCO CNC Control, Auto Lube, Way Cover, All Manuals, Coolant System, 4 H.P. Located in Los Angeles, CA.
- 1- 1981 CINCINNATI-MILACRON CNC HORIZONTAL MACHINING CENTER, MDL. MA T-10, s/n 3121A0181-0015, CINCINNATI MILACRON Mdl. 900 Acramatic CNC Ctrl. w/CRT, Membrane Type Command Board, Tape Reader, Serial Port, 45 Position Random Access Attc, Chip Conveyor, "Jet Pulsar" High Pressure Coolant System W/Spindle Cooling, Gettys Servo Motors for X,Y,Z & B Axis, Coolant Tank, Chip Guards, Overall Dimensions Front To Back 14', Height 10', Weight 21,000 Lbs. Located in Los Angeles, CA.
- 1- 19" X 43" HURCO CNC VERTICAL MACHINING CENTER, MDL. MBII, s/n M111050, 24 Station Automatic Tool Changer, Auto Lube System, Spray Mist Coolant, HURCO MB-II Control W/CRT, Oil Cooler. Located in Los Angeles, CA.



CINCINNATI MILACRON CNC HYDROTEL VERTICAL MILLING MACHINE, MDL. 20V-80



IKEGAI FX 30N CNC CHUCKER, MDL. FX30



CINCINNATI 5-AXES VERTICAL CNC HONEYCOMB PROFILER, BED TYPE, MDL. 20V



SCHIESS DEFRIES VERTICAL BORING MILL



MİYANO CNC TURNING CENTER, MDL. LE-31



MAZAK CNC TURNING CENTER, MDL. QUICKTURN 15



HARDINGE CONQUEST T51 CNC TURNING CENTER



HES/TOYODA CNC TURNING CENTER

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MORI SEIKI AL-2 CNC LATHE, MDL. AL-2BTM



YUASA MICRO STAR 10 CNC GANG TOOL LATHE, MDL. 10144



OKUMA 4-AXIS CNC LATHE, MDL. LC30



MITTS & MERRILL AUTOMATIC HYDRAULIC KEYSEATER, MDL. 4C



EDGE-SWEETS VERTICAL PLATE SAW, MDL. VR2-205-HOBE



HUFFMAN 5-AXIS CNC TOOL & CUTTER GRINDER, MDL. HS-115R



SHEFFIELD "CRUSHTRUE" FORM GRINDER, MDL. #187C



BOYAR SCHULTZ DUAL SPINDLE COLLET TYPE PROFILE GRINDER, MDL. #2



OKUMA UNIVERSAL CYLINDRICAL GRINDER, MDL. GCU 300-750

(7) CNC LATHES

- 1- 1998 HARDINGE CONQUEST T51 CNC TURNING CENTER, s/n CLT-356-C, FANUC 18T Control, Chip Conveyor, 12 Pos Turret, Tailstock, Hardinge 20C Collet Chuck, 8" 3-Jaw Chuck, Foot Pedals, 13" Swing X 23" Cc, Live Tooling. **Located in Longmont, CO.**
- 1- 1991 MIYANO CNC TURNING CENTER, MDL. LE-31, s/n L310049, 20-3,000 RPM, (3) I.D. Tool Holders, (2) O.D. Tool Holders, **Located in Longmont, CO.**
- 1- 1988 17" X 20" MAZAK CNC TURNING CENTER, MDL. QUICKTURN 15 UNIVERSAL-K, s/n 79540, MAZATROL CAM T-2 CNC Control, Tailstock Spindle Morse #4, Collet Attachment, Coolant System, Tool Eye, Live Center. **Located in Los Angeles, CA.**
- 1- 1987 24" X 64" HES/TOYODA CNC TURNING CENTER, MDL. 600 HES CNC, s/n 60130, FANUC GN10 Controls, Programmable Hydraulic Tailstock, 15" 3-Jaw Chuck, Splash Guards, 40 H.P. **Located in Los Angeles, CA.**
- 1- 1986 18 X 21 MORI SEIKI AL-2 CNC LATHE, MDL. AL-2BTM, s/n 266, YASNAC LX-3 CNC Control, 8" Power 3 Jaw Chuck, Chip Conveyor, Tool Presetter, Coolant System, 10 H.P. **Located in Los Angeles, CA.**
- 1- 1982 OKUMA 4-AXIS CNC LATHE, MDL. LC30, s/n 57020691, OSP 3000 CNC Control w/CRT, 12" Power 3-Jaw Chuck, Chip Conveyor, Auto Lube, Coolant System, Tape Reader. **Located in Los Angeles, CA.**
- 1- 1980 YUASA MICRO STAR 10 CNC GANG TOOL LATHE, MDL. 10144, s/n 80154, FANUC 6T Syst. Control, Pneumatic Collet Chuck, M.D.I Internal Position Display (2-Axis), EIA/ISO Code Input, Constant Surface Speed Control, Chip Tank, Full Cooling System, Various Extra Parts, 5 H.P., 220 3 PH Electrics. **Located in Los Angeles, CA.**

KEYSEATER

- 1- 1978 MITTS & MERRILL AUTOMATIC HYDRAULIC KEYSEATER, MDL. 4C, s/n KM7847, Automatic Infeed, Stroke Control- Rapid Dial Set, Automatic Tool Relief, Depth Control, YOUNG Oil Cooler, Large Assortment Of Cutters & Tooling. **Located in Los Angeles, CA.**

SAW

- 1- 1988 EDGE-SWEETS VERTICAL PLATE SAW, MDL. VR2-205-HOBE, s/n RF-056, Air Float Power Table, TORIT Mdl. VS1200 Dust Collector (1000 CFM Approx.), Digital Speed & Table Feed Readout, Emergency Blade Shut Off, Remote Control Stand With Casters, Rip Fence. **Located in Los Angeles, CA.**

(5) GRINDERS

- 1- HUFFMAN 5- AXIS CNC TOOL & CUTTER GRINDER, MDL. HS-115R, s/n HB121487334. **Located in Cincinnati, OH.**
- 1- 1980 SHEFFIELD "CRUSHTRUE" FORM GRINDER, MDL. #187C, Automatic Plunge Grinding W/ Rapid Approach & Retraction, Air Bearing Table For Lateral Positioning, Super Jet Wheel Cleaner, Full Enclosure W/ Smog Hog Air Cleaner, Automatic Infinitely Variable Feed Of Wheel Into Work, Oil Chiller, Filtration Unit And Complete Coolant System, Wheel Arbors, Accessories & Tooling. **Located in Milwaukee, WI.**
- 1- BOYAR SCHULTZ DUAL SPINDLE COLLET TYPE PROFILE GRINDER, MDL. #2, s/n 2648. **Located in Lake Forest, IL.**
- 1- 13"X30" OKUMA UNIVERSAL CYLINDRICAL GRINDER, MDL. #GCU 300-750, s/n 4206-2281, High Frequency Swing Down Internal Grinding Attachment, Plunge Grinding Cycle, 8" 4 Jaw Chuck, (2) Table Wheel Dressers, Auto Lube, Coolant System With Magnetic Separator. **Located in Los Angeles, CA.**
- 1- 1998 K.O. LEE CNC CYLINDRICAL GRINDER, MDL. C1020N2, s/n 28934, NUM1060G CNC Control, 10" X 20" C.C., w/Precise Hi-Frequency PCF310 Spindle, MOVOMATIC ES124 ID Gauge Unit, Coolant Recovery Filtration System, Tailstock. **Located in Longmont, CO.**

(2) EDM MACHINES

- 1- 1990 SODICK CNC WIRE-CUT EDM (4 AXIS), MDL. A280L, s/n 1700, MARK EX EDW Control, Paper Tape Reader, Resetable Hour Meter, Chiller, 3.5" Floppy Disk, Graphic Display, Submerged Machining Or Splash Machining, 14" Color CRT, Scaling, Inch/Metric, Mirror Image, Dry Run, Single Block Feed, Program Edit, Axis Interchange, Rotation, M-Code Output, 2D or 3D Graphics, String Function, Auto Edge Find, Center Find. **Located in Los Angeles, CA.**
- 1- 1991 LEBLOND MAKINO CNC SINKER EDM SYSTEM, MDL. EDNC-32, 8 Station System 3R Tool Changer, System 3R "C" Axis, 14" CRT, Drop Work Tank, Remote, Oil Cooler, Tape Reader, Dielectric System. **Located in Los Angeles, CA.**

(2) DRILLS

- 1- 7' X 19" CARLTON RADIAL ARM DRILL, MDL.# 4A, s/n 4A-3844, Power Head & Column Traverse, Power Head & Column Clamping, Power Elevation, Coolant, **Located in Toledo, OH.**
- 1- 7' X 19" CARLTON RADIAL ARM DRILL, MDL. 4HYDRAULIC PRE- SELECT, Power Clamping On Column & Head, Power Elevation, Auto Lubrication, Coolant System, Work Light. **Located in Los Angeles, CA.**



K.O. LEE CNC CYLINDRICAL GRINDER, MDL. C1020N2



SODICK CNC WIRE-CUT EDM, MDL. A280L



LEBLOND MAKINO CNC SINKER EDM SYSTEM, MDL. EDNC-32



CARLTON RADIAL ARM DRILL, MDL. 4A



CARLTON RADIAL ARM DRILL, MDL. 4A

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Assets No Longer Required In the Continuing Operations of:
J&R MANUFACTURING • WEDNESDAY, JUNE 18
Large Detroit Area Prototype Shop • Harrison Township, MI

SENNETT STEEL • THURSDAY, JUNE 19
State-of-the-Art Heavy Fabricating Equipment, Cut-to-Length Lines, Shears & Press Brakes • Warren, MI

THE SPECIALTY MANUFACTURING COMPANY • THURSDAY, JUNE 19
Fabricating, Welding, Grinding & General Machine Shop Equipment • St. Paul, MN

Assets No Longer Required In the Continuing Operations of:
HAWORTH, INC. • TUESDAY, JUNE 24
Modern CNC Woodworking Facility • Chadbourn, NC

COLD METAL PRODUCTS • TUESDAY, JUNE 24
Steel Processing & Rolling Mills • Hamilton, Ontario, Canada

By Order of the US Bankruptcy Court, Case #02-50586 (KCF) in the Matter of
HARVARD INDUSTRIES, INC.
HAYES ALBION CORPORATION & HARVARD TRANSPORTATION • THURSDAY, JUNE 26
Foundry, Machine Shop & Construction Equipment • Albion, MI

EQUIPMENT FORMERLY OWNED BY LINK-BELT CONSTRUCTION COMPANY, L.P., LLLP • TUESDAY, JULY 15
CNC Machine Shop, CNC Vertical & Horizontal Boring Mills, CNC Machining & Turning Centers, TOCCO Heat Treat Department, Fabricating Equipment, Facing Machines & Machine Tools • Lexington, KY

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