

## Machinery Listings:

### VERTICAL BORING MILLS

157" O-M model TMS20-40 Vertical Boring Mill with Moving Column, 78" table, 114" under rail, 44,000 lb. table load capacity, 1.4 - 120 RPM, 50 HP table drive, 43" vertical travel of ram, 65" cross travel of ram, +/- 30 degree ram swivel, 36" of column in/out travel, side head with control panel, pendant control panel, SONY DRO's.

157" Toshiba (Shibaura), model TSS 20/40A Vertical Boring Mill with Moving table, 78" table diameter, 94" under rail, 35,000 lb. table load capacity, 4 - 125 rpm, 39" vertical ram travel, 70" horizontal ram travel, +/- 30 degree ram swivel, 41" tble in/out travel, updated infinitely vairable speed table controls,

74" Bullard Cutmaster Vertical Boring Mill S/N: 25577, Table Speeds: 3.5 to 118 RPM, 82" Swing, 60" Under Rail, (2) Swivel Rams, Side Head, 74" 4-Jaw Face Plate Type Table

72" King Vertical Boring Mill, S/N: 2675, Feeds: .0026 to .50" / revolution, Spindle Speeds: 60 RPM max table speed, 62" Under Rail, 79" Swing, (2) Swiveling Ram Heads, Pendant Control, rapid traverse, floor flush, Sony DRO's.

71" Acme (Italy) Vertical Boring Mill, Max turning diameter: 90", max. height under rail: 72", spindle speeds: 6 - 162 rpm in 3 ranges, Feeds: .004" - 25" / minute, 100" / min. rapid traverse, 2 ram heads on cross rail, infinitely variable feeds, infiniitely vaiable speeds on spindle, Spindle Power: 65 HP, Sony DRO's.

64" Bullard Vertical Boring Mill (2) HD Round Swiveling Ram Heads, Feeds, Spindle Speeds 3.7 to 133 RPM, Feeds: .0006 - .125" / rev. feeds, 54" Under Rail, Pendant control, Rapid Traverse, Sony DRO's, updated electrics with new servos and PLC, latest update 2015, (2 available S/N's 15D-81-21, 15D-81.31

63" O-M Vertical Boring Mill, model VT-16, 71" max turning diameter, 54" maximum turning height, 5 sided turret on cross rail, side head with 4 sided turret, .002 - .50" / rev., rapid traverse, Sony DRO's

36" King Vertical Turret Lathe, S/N: M36-501, Lot#360004-1 with 36" 4-Jaw Face Plate Table, 41" Swing, Turret ( 5 Position) (Swivel), Side Head, 30" Under Rail, Rapid Traverse, Floor Shift, .010 to .500 Feed, .003 to .125 (fine)

### CNC VERTICAL BORING MILLS

Vanguard SMTCL GTC250200 CNC Vertical Boring Mill, 98" max turning diameter, 78" max Turning Height, 78" 4 jaw built in chuck, 48" stroke on ram, 9.5" x 9.5" square ram, 12 station tool changer, 20,000 lbs. max work piece weight, 100 HP Spindle Motor, 200 RPM Maximum, Heidenhain scales on X and Z axis, Fanuc 18i-TB control, coolant system with Mayfran chip conveyor,

Vanguard SMTCL GTC200160 CNC Vertical Boring Mill, 78" max turning diameter, 78" max Turning Height, 63" 4 jaw built in chuck, 36" stroke on ram, 8.5" x 8.5" square ram, 12 station tool changer, 17,000 lbs. max work piece weight, 75 HP Spindle Motor, 250 RPM Maximum, Heidenhain scales on X and Z axis, Fanuc 18i-TB control, coolant system with Mayfran chip conveyor,

### HORIZONTAL BORING MILLS CNC and Manual

7" Giddings & Lewis CNC Horizontal Boring Mill Mdl MC-70, S/N: 460-25, Mfg 1987, X=144", Y=103", W=118", Z=60", 7" quill, 12 to 2200 RPM in 4 ranges, 107 HP spindle drive, 30,000 LB Table Cap, (2) 60" x 96" Pallets, full B axis rotary table, 120 Tool Pockets, NumeriPath 8000B Control, Chip Conveyor, spindle oil chiller, operator platform on headstock,

5" CNC Vanguard Mdl TH65125X125B/3 Horizontal Maching Center, S/N: 6003 with Fanuc 18i-MB Control, Twin Pallet (49-1/2") 360,000 Degree Index, X= 78.74", Y=47.27", Z=47.24", W=19.06", 4.92" Spindle, 90 Tools, Chip Conveyor, Cat 50, Renishaw OMI-2T Probe, Extendable Quill, /Coolant through spindle, chip conveyor.

Wotan 5" MDI B130S Manual Horizontal Boring Mill, S/N: 54322, Speeds: 2.5 to 1000 RPM, 60" x 68" Power Rotary Table, Cross Travel: 85", Vertical Travel: 72" Approx, Power Draw Bar, Pendant Control, Outriggers

Wotan B-130S Manual Horizontal Boring Mill, S/N:42087, with Anilam 1100 Command Positioning Control, 5" Spindle, Vertical Travel: 72", Cross Travel: 86", 60" x 67" Power Rotary Table, No. 50 taper with Power Draw Bar #50

Daewoo Ace Mdl H100 CNC Horizontal Machining Center, S/N: AH100100 with Fanuc 16M Control, New 2002, (2) 39-1/2" x 39-1/2" Pallets, X= 78.7", Y=44.1", Z=39.4", Chip Cpnveyor, Coolant Thru, ATC- 90 Tools, Cat 50

OKK Horizontal Machining Center Mdl MCH-800 II, S/N: 143, Mfg #MA73618A, Rotary Table" 31-1/2", X=80", Y=40", Z=36", Meldas Control, Oil Cooler, ATC-60 Tools, Cat 50, Chip Conveyor, Auger Type

**LATHES CNC AND MANUAL**

Takisawa Mdl TS-30 CNC Lathe, S/N: THTZ-5020 with Fanuc 10T Control. 80" Centers, Swing Ovr Carriage: 18-1/2", Spindle Bore: 3-1/4", Chip Conveyor, Manual Steady Rest, Tailstock, 12 Position Turret, 15" 3-Jaw Hudraulic Chuck

**RADIAL ARM DRILLS**

7' 17" Carlton Radial Drill, model 3A, power clamping, rapid traverse, tap leads, box table.

**LATHES**

**VERTICAL MILL**

**PRESSES AND FABRICATING EQUIPMENT**

300 Ton Bliss Straightside, eccentric shaft, two point, single geared, single end drive, single action floor mounted press ,model Bliss Mdl SC2-300, 8" Stroke, 10" Slide Adjustment, 27" Shut Height, Net Die Space 20-10", 7" T slotted bolster plate, 72" x 48" Bed Area, 60" x 33" opening in bed, 31" openings in uprights, 74" width between uprights, 43" from floor to top of bed, 202" overall height, 80,000 Lbs. total weight, SPM/Continuous: 25 - 50, Air Clutch, S/N: H-71581, Coe Mdl CPRF330 Feeder, S/N: 13160, (2) Rolls-30", Coe Mdl CPPS-PO-225-30 Leveler, S/N: 1360-2, 30", Coe Mdl CPP-50-6030 Uncoiler, S/N: 1360-3, 36" Wide

Bliss Mdl #29 Mechanical OBI Punch Press, S/N: Unknown, Shut Height: Over Bed- 20-1/2", 150 Tons, 3" Stroke, Bed: 30 x 39, 4" Adj with Jobber Plus Control, Air Clutch, Hole in Bolster, Light Guard, No Cushion

Hydra-Power Mechanical press brake, model 150-12, 150 ton capacity, 12' overall length, CNC Back Gauge, Adjustable stroke, foot pedal controls,

Cincinnati Mechanical Press Brake No 5 x 96", S/N: 39305, Mfg 1973, 3" Stroke, 90 Ton at Mid, 135 Ton at Bottom, with Autobend IV Backgauge, Autocycle, Air Clutch

Wysong Model 1025 mechanical shear, 1/4" x 10" capacity, Power back gauge with Newall DRO, Alignment light.

Cincinnati Mechanical Shear Mdl 2CC10, S/N: 42636, Mfg 1979, 1/4" x 10', Squaring Arm, Guide Arms, Front Operated Power Back Gauge

Ransome 5000 Lb. welding positioner, Model 50-P, SN 1928007

Strippit 1000/20 Turret Punch Mdl FC1000/20, S/N: 3412032598, Mfg 1998, 20.5 Metric Tons (Punch), Roller Ball Table: 88" x 52", Strippit CM Control, Sheet Size: 40" x 50", 20 Stations, J-Frame, X=49", Y=40", Throat: 40", Auto Index, Large quantity of tooling.

Strippit, model Super 30/40 HD hydraulic fabricator, alignment bar, foot pedal control, large quantity of tooling.

Amada Coma Mdl 505072 CNC Turret Punch, S/N: 57376 with Amadan-04PC Control, Mfg 1981, 50 Ton, 56 Stations, Ball Transfer Table, Tooling, 138" x 76", Table Travel: 50" x 72", 1/4" Capacity, large quantity of tooling.

Whitney Mdl 653-50 Manual Duplicator, Gauging Table, 48" F-B, 72" L-R, 48" Throat, 48" x 50" Table, 20 HP, Large quantity of tooling.

Marvel Series V-10A, tilt fram vertical band saw, Serial D-113810-W,

## **MOTOR - GENERATOR MANUFACTURING EQUIPMENT**

### **VPI SYSTEMS**

8' Heat Tek Vacuum Pressure Impregnation System, S/N: 2553, Mfg 1984, (1) 8' Process Tank, (1) Resin Storage Tank, 8' Pit, WP/100 PSI @ 400 Degrees, 1.5" Shell x .38 Minimum Head, with Pump, RECENTLY UPDATED PUMPS AND EQUIPMENT, ELECTRICS NOT INSTALLED.

4' Melco Vacuum Pressure Impregnation System, S/N: 1808, Mfg 1983, 4' Process Tank, 4' Resin Tank, updated stokes vacuum.

**OVENS**

OSI Car Bottom, natural gas fired Bake Oven, 131" x 131", 88" Top of Car to enclosure roof, Natural Gas, 800,000 BTU, 5 PSIG, Insurance: FM, 2 Heat Zones, 2 recirculation and exhaust controls, serial no. 3771.

Despatch Car Bottom, natural gas fired Bake Oven, 12' x 8' x 6', 400 Degree, Gas, 9'6" x 12' x 7'4", S/N: 93774, O-2

Despatch Car Bottom, natural Gas Fired Bake Oven Style S-200, Opening: 76" x 10' x 80", Gas, 550 Degrees, S/N: 76884

Despatch Car Bottom, natural gas fired Bake Oven, Heater DLG750, 500 Degree, 11'6" x 6' x 10', opening, entry via either end, S/N: 95196.

Despatch Car Bottom, natural gas fired Bake Oven, 8' x 12' x 102", Special PSC, 500 Degree, Natural Gas, 750,000 BTU, S/N: 151721

**MOTOR WINDING MACHINES**

Heavy Duty Winding Machine, 10 HP US Electric Motor and Reducer, Variable Speed Controls, Foot Pedal, fabricated fixture with adjustable arms, WM08.

Winding Machine, 7.5 HP Baldor Drive, variable speed control, foot pedal, spool tension control, foot pedal, WM12.

Winding Machine, 7.5 HP, variable speed drive and controls, digital displays, foot pedal, WM21.

Winding machine, McBroom Electric Co., model FHT-5, 5 HP variable speed controls, payoff reel with brake, spool tension control, 2 available, WM07, WM09.

Winding machine 5 HP, variable gear drive, foot pedal, WM11.

Winding machine, GEO. Stevens Mfg., Model 1510, payoff reel with brake, 2 speed gearbox, WM16

**MOTOR AND GENERATOR TEST STANDS**

Motor/Generator Test Stand consisting of Large Traction Motor with Blower on riser mounted to 8' x 20' T Slotted Floor Plate, Direct couple set up, heavy wire cables and connection to control room, TS06.

Motor/Generator Test Stand consisting of Large Traction Motor with Belt and Pulley design to drive universal joint set up, mounted to Fabricated skid type base with drilled and tapped holes for mounting test product, heavy wire and cables and connection to control room, ts02.

Motor/Generator Test Stand control room consisting of monitoring station, heavy duty power supply systems, heavy wiring and cabling extending out to festooning to TS06 and 02.

Motor/Generator Test Stand consisting of 200 HP DC motor with Reduction Box, with universal joing output connection, t slotter base adjoining for mounting of test product, motor controls on wall and control stand adjacent, TS10.

Motor/Generator Test Stand consisting of large traction motor model GE 752, on 8' x 25' fabricated test stand with multiple mounting pad set ups, accompanied by 8' x 20' T slotted floor plate, TS14

### **CRANES AND ROLLING STOCK**

25 Ton Shaw Box Double Girder Top Running Bridge Crane, 51' span, 35' of lift, variable speed bridge, trolley and hoist, 2 available.

25 Ton Shaw Box Double Girder Top Running Bridge Cranes, 51' span, 35' of lift, variable speed bridge, trolley and hoist.

15 Ton Proserv Double Girder Top Running Bridge Crane, 44'-7" span, 36' availale lift, shaw Box hoist, 120FPM variable speed bridge, 14 FPM variable speed Hoist, 65 FPM variable speed trolley, 4 available, new 2000.

15 Ton Proserv Double Girder Top Running Bridge Crane, 44'-7" span, 36' availale lift, shaw Box series 700 hoist, 120FPM variable speed bridge, 14 FPM variable speed Hoist, 65 FPM variable speed trolley, 4 available, new 2000.

15 Ton Proserv Double Girder Top Running Bridge Crane, 42'-10" span, 40' availale lift, shaw Box WD3 series hoist, 120FPM variable speed bridge, 18/4.5 FPM variable speed Hoist, 75 FPM variable speed trolley, 2 available, new 2006.

10 Ton KONECRANES, Double Girder Top Running Bridge Crane, 42' span, 21' lift, 100 FPM bringe speed, 16/2.5 FPM Hoist speed, 80 FPM trolley speed, new 2000.

10 Ton Kranco, Double Girder Top Running Bridge Crane, 42' span, dual side drive, updated variable speed electrics, pendant control, C06.

10 Ton Kranco, Double Girder Top Running Bridge Crane, 42' span, updated electrics, pendant control, C07.

10 Ton Kranco, Double Girder Top Running Bridge Crane, 42' span, dual side drive, pendant control, C09.

10 Ton complete free standing crane system with 200' of travel supported by 22 Dual contact shaped uprights with 20' spacing, electrification, beam and rail, including 10 Ton Proserv, 42' Span, Double Girder Top Running Bridge Crane, dual side drive with Shaw Box Hoist, pendant control, C17.

5 Ton Proserv Underhung Single Girder Overhead Crane, dual side drive, festuining, electrification, pendant control, hoist removed, C12

5 Ton Cantilevered Wall Beam riding Cranes with 18' trolley travel, 5 ton Yale hoists, (3 available) CO13, 14, 15.

2.5 Ton Crane-Mann Underhung Single Girder Overhead Crane, 42' span, dual side drive, pendant control, hoist removed, S/N 445, C36.

2.5 Ton Load Lifter Underhung Single Girder Overhead Crane, 42' span, 2.5 ton Shaw Box hoist, C11.

2 Ton Proserv Underhung Single Girder Overhead Crane, 18' span, 2 Ton Shaw Box Hoist with 20' available lift, pendant control, C45.

45,000 Lb. Capacity Clark, model C500-Y4500, Yard Type Forklift, 36" Load Center, 210" lift height, Fork Positioning, total weight 66,000 lbs., Serial No. Y4065-4-4795 3 82.

33,000 Lb. Capacity Caterpillar, model DP150, Yard Type Forklift, 24" Load Center, 180" lift height, total weight 44,380, Serial No. 6DP00331.

15,000 Lb. Capacity Caterpillar, Model DP70, Yard Type Dual Front Tire Forklift, 24" Load Center, 180" lift height, total weight 22,000 lbs., Serial No. T20G60139.

5,000 Lb. Capacity Clark, Model CGP25 Forklift, 24" load center, 189" lift height, total weight 9166 lbs., Serial No. P365L-0162-9481FB.

\*\*\*MORE FORKLIFTS TO BE ADDED\*\*\*

**MISC EQUIPMENT**

Acer Mdl AGS-618 Surface Grinder, S/N: 98050568. Mfg 1998, 6" x 18" Permanate Magnetic Chuck, Hydraulic Manual Downfeed

Bridgeport Vertical Turret Mill, S/N: 1523609" x 42" Table, Variable Speed, 2HP, Riser, Power Feed on Longitudinal, 3-Axis DRO

Well-Index Vertical Mill with vice and Newall DRO

Acer vertical Mill with variable speed head

Mitts & Merrill Model No. 3A Hydraulic Keyseater with large quantity of tooling.

Yoshida radial drill (bay 6)

48" blast cabinet with dust collector and pressure pot (bay 8)

Orange Oven from Element (bay 8)

Blasting area with 2 steel lined blasting stalls, bolt together design on independent structure, 20' x 20' inside area, Schmidt Manufacturing Inc. pressure pot and shot holding tower, heavy duty dust collector/s housed in 40' container at rear of blasting area.

Misc. blast pressure pots.

Throughout building: mill, drill, lathe tooling of all types, rod ovens, flammable storage containers, soiled rag containers, paint booths (large and small), pallet rack, storage racks, heavy saw horses, heavy shelving, machinist work tables, steel work tables, vices, maple top work tables, electrical and hydraulic hardware and fittings, and more.

50+ welding machines, sub arc, mig, tig, miller, Lincoln and more.

50 or more 1/2 - 3 ton jib cranes - wall and pedestal mount.

Large quantity of surplus motors and generators from 200 - 5000 HP.

Back up generator sets.