AUCTION

Machinery From The

U.S.S. SHENANDOAH & MORE

3603 MELVA STREET, HOUSTON, TEXAS 77020

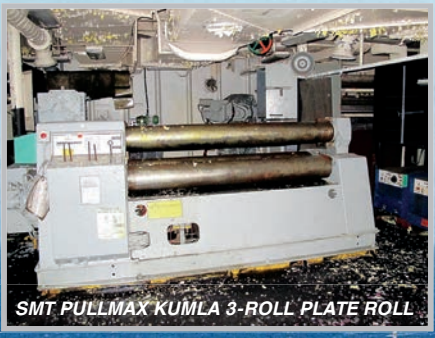
(See Directions on Back Page)

This is "occasional use repair equipment", never in full production, and machines generally appear to be in exceptional condition. They have been moved from ship to our Houston, Texas warehouse for bidders' own inspection.

MACHINE TOOLS & FAB. EQUIPMENT FROM THE U.S.S. SHENANDOAH, PLUS DESTRUCTIVE TEST FACILITY & HYDRAULIC R & D SHOP



SACEM HERCULES 4" HORIZONTAL BORING MILL



SMT PULLMAX KUMLA 3-ROLL PLATE ROLL

AUCTION: WEDNESDAY DECEMBER 6 • 10:00 A.M.

INSPECTION: Tuesday, December 5, 9:00 A.M. to 4:00 P.M. & Morning of Sale

BUYER'S PREMIUM: 15% ON-SITE 18% WEBCAST



On-Site Bidding in Houston, Texas or Bid Via Webcast at BidSpotter.com

Read Partial Terms and Conditions on Back Page of Brochure



CINCINNATI MILACRON 18" X 72" UNIVERSAL HYDRAULIC CYLINDRICAL GRINDER



PIRANHA 70 T. CAP. HYDRAULIC IRONWORKER

Sale Conducted By:

PLANT & MACHINERY INC.

AUCTIONEERS • APPRAISERS • LIQUIDATORS • REAL ESTATE

1304 Langham Creek Drive, Suite 454, Houston, Texas 77084

PHONE: (713) 691-4401 **FAX: (713) 672-7905**

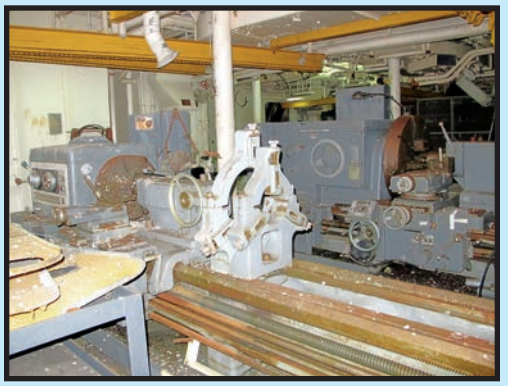
E-MAIL: pmi@pmi-auction.com • WEBSITE: www.pmi-auction.com

Ron Moore, Texas Lic. #7314 • HOUSTON • DALLAS • ST. LOUIS

In Conjunction With:

HARRIS AUCTIONS

(713) 462-5800



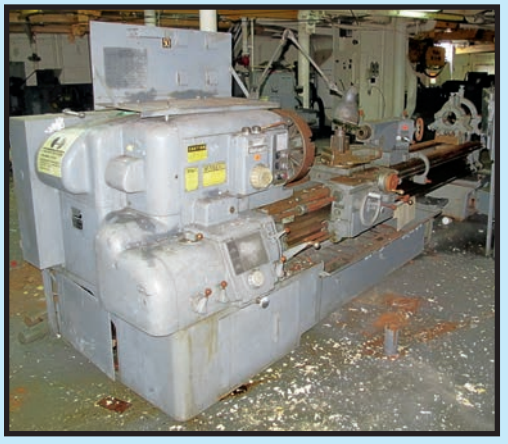
LODGE & SHIPLEY 26" X 96" POWER TURN ENGINE LATHE



(1 OF 2) STANDARD MODERN 20" X 60" ENGINE LATHES



SACEM HERCULES 4" HORIZONTAL BORING MILL



MONARCH 20" X 102" ENGINE LATHE

ENGINE LATHES

LEBLOND 40" X 60" HEAVY DUTY, 25" over slide, spds.: 5–600 RPM, 75 HP motor, D1-11 Camlock, (48) fds: 0.004-0.250 IPR, 3/4 to 46 TPI threads, 36" dia. 4-jaw chuck, tailstock, toolpost, S/N 50272.

LODGE & SHIPLEY 26" X 96" MDL. 2516 POWER TURN, 26-1/2" swing, 20" over slide, spds.: 9–1,000 RPM, spds.: 9–250 RPM in reverse, 25 HP motor, D1-8 Camlock, fds: 0.0025-0.160 IPR, 18" dia. 4-jaw chuck, thdng., 4-way rapids, coolant, chip pan bed, S/N 50790.

MONARCH 20" X 102" MDL. 614, 13" over slide, spds.: 12–1,500 RPM, 20 HP motor, D1-6 Camlock, 2-1/16" spndl. bore, 18" dia. 4-jaw chuck, (3) steady rests, Aloris toolpost, 2-spd. tailstock, taper attach., inch/metric thdng., chip pans, S/N 52923.

STANDARD MODERN 20" X 60", 12" over slide, spds.: 15–1,000 RPM, 15 HP motor, D1-8 Camlock, 3.06" spndl. bore, No. 5 MT, fds: 0.0015-0.053 IPR, 15.7" dia. 4-jaw chuck, 2-spd. tailstock, steady rest, inch/metric thdng., taper attach., chuck guard, coolant, S/N 9850.

STANDARD MODERN 20" X 60", 12" over slide, spds.: 15–1,000 RPM, 15 HP motor, D1-8 Camlock, 3.06" spndl. bore, No. 5 MT, fds: 0.0015-0.053 IPR, 12" chuck (no jaws), 2-spd. tailstock, inch/metric thdng., chuck guard, coolant, chip pan, S/N 9851.

LEBLOND REGAL 18" X 60", spds.: 25–1,000 RPM, D1-8 Camlock, fds: 0.0032–0.104 IPR, inch thds.: 2-112 TPI, 10" dia. 3-jaw chuck, taper attach., Aloris toolpost, tailstock, S/N 12E-117.

CINCINNATI 13" X 36" MDL. LR HYDRA-SHIFT, 13-1/2" swing, 9" over slide, (12) spndl. spds.: 53–1,800 RPM, 3 HP motor, L-0 spndl. nose, 1-1/2" spndl. bore, 12-3/16" bed width, taper attach., tailstock, coolant pump, chip pan, thread dial, micrometer carriage stop, S/N 550125T-0035-A.

TOOLROOM LATHES

STANDARD MODERN 13" X 40" MDL. 1340, 7.75" over slide, spds.: 4–2,000 RPM, 3 HP motor, 1.375" spndl. bore, No. 5 MT, D1-4 Camlock, tailstock, chop pan, toolholder, inch/metric thdng., coolant, S/N 9840.

(2) HARDINGE 10" X 20" MDL. HLV-H-JC, 9" over carriage, 1-1/16" spndl. hole–w/rd. collets, 7/8" w/hex collets, 3/4" w/square collets, spds.: 125–3,000 RPM, 1.5 HP motor, tailstock, steady rest, toolpost, thdng., collet attach., pwr. variable feed, coolant, worklight, S/N 9489-T, S/N 9487-T.

HORIZONTAL BORING MILL

SACEM HERCULES 4" MDL. MST-XC/110, 4.33" spndl., No. 6 Morse, spds.: 12–1,200 RPM, 25 HP motor, 27.55" spndl. travel, 43.3" headstock vert. travel, 63" tbl. cross travel, 49.21" saddle travel, 48" x 62" rotary tbl., 8,000-lb. tbl. load, 20" facing head w/feed adapter for spndl., inch/metric thdng, outboard suppt., pendant control, 4-way bend w/built-in outriggers, built-in pwrd. rotary tbl., S/N 9-252.

HORIZONTAL MILLING MACHINE

KEARNEY & TRECKER MDL. S-12, 12" x 56" tbl., 28" long. travel, 10" cross travel, 18" vert. travel, Bridgeport Series 1–2 HP motor, (24) spndl. spds.: 25–2,000 RPM, (16) long./cross fds: 0.125-16 IPM, No. 50 spndl. taper, S/N 5379258.

CNC VERTICAL MILLING MACHINE

SUPERMAX. MDL. YCM-40, Anilam Crusader Series M multiprocessor CNC control, 9" x 49" 3-slotted tbl., 650-lb. tbl. load, 38" long. tbl. travel, 15.5" cross travel, 16" vert. knee travel, 5" quill travel, No. 40 NST taper, spds.: 60–4,200 RPM, 3 HP motor, 4.15" to 20.25" spndl. nose to tbl., 6.375" to 31.75' tbl. center to column, 32.75" to 48.875" floor to table.

VERTICAL MILLING MACHINES

KEARNEY & TRECKER MDL. 310S-15, 68" x 15" tbl., 34" long. tbl. travel, 12" cross travel, 17" knee vert. travel, No. 50 NST spndl. nose, (24) spndl. spds.: 25–2,000 RPM, 10 HP spndl. motor, (32) long./cross fds: 3/8–90 IPM, (32) vert. fds: 3/16–45 IPM, 3 HP feed motor, 0" to 17-7/8" spndl. centerline to tbl., vert. head attach., auto. lube, coolant, auto. backlash eliminator, rear controls, S/N 5479237.

(2) WELLS INDEX MDL. 847, 10" x 48" 3-slotted tbl., 34" long. tbl. travel, 14" cross travel, 16-1/2" vert. knee travel, 5-1/4" quill travel, 30" overarm ram travel, R-8 spndl. taper, 3-3/8" quill dia., spds.: 50–4,200 RPM, 2 HP motor, 0.0015"/0.003"/0.006" quill feeds, ±deg. head tilt (F-B), ±90 deg. head swivel (L-R), 1-1/2" to 28" spndl. center to column, 5" to 17" tbl. center to column, 0" to 16-1/2" spndl. nose to tbl., S/N 21790, S/N 21786.

MACHINE TOOL ACCESSORIES

Including chucks, mill and lathe tooling, collect sets, live centers, drills, rotary tables, dividing heads, vices, set up and tie down equipment, steel work tables, and more.



< WELLS INDEX VERTICAL MILLING MACHINES



> KEARNEY & TRECKER VERTICAL MILLING MACHINE



CINCINNATI MILACRON 18" X 72" UNIVERSAL HYDRAULIC CYLINDRICAL GRINDER



CARLTON 4' X 11" RADIAL ARM DRILL



SUPERMAX MDL. YCM-40 CNC VERTICAL MILLING MACHINE



DOALL MDL. 3612-2H3 VERTICAL BANDSAW



SUPERIOR MDL. SS2 HORIZONTAL HONE



BROWN & SHARPE MDL. 1224 RECIPROCATING SURFACE GRINDER

VERTICAL BANDSAWS

DOALL MDL. 3613-1, 36" x 13" rect. cap., 13" rd. cap., (2) blade spds.: 55–5,200 RPM, 3 HP motor, 35-1/2" throat, 13" under guide, 24" x 30" hyd. feed tbl., tbl. fds: 0–6 FPM, 12" tbl. stroke, manual blade tensioning, blade and wheel guards, blade guides, auto. elec. brakes, S/N 440-91455.

DOALL MDL. 3612-2H3, 35-1/2" throat depth, 12" under guide, 24" x 30" (2 T- slots) hyd. feed tbl., fds: 0–6 FPM, 12" tbl. stroke, (2) blade spds.: 0–5,200 RPM, 3 HP motor, manual blade tensioning, DoAll Mdl. 15 blade welder, blade and wheel guards, blade guides, S/N 401-81144.

MARVEL 8 MARK II TILT FRAME, 18" x 22" @ 90 deg., 18" x 12.75" @ 45 deg., spds.: 5–450 FPM, 5 HP motor, 174" x 0.035" x 1" blade, 24.25" x 33" (4 T-slots) tbl., ±45 deg. tbl. tilt, blade break/stall detection, quick action vise, auto. stops, pwr. chip brush, front mtd. spd. control and feed pressure, S/N 826692.

HORIZONTAL BANDSAW

W.F. WELLS MDL. L-10, 10" x 16" rect. @ 90 deg., 11" rd. @ 90 deg., 10" x 8" rect. @ 45 deg., 7-3/4" rd. @ 45 deg., 2,000-lb. cap., blade spds.: 70–380 FPM, 2 HP motor, 1" x 0.035" x 138" blade, manual blade tension, coolant, S/N L90293.

ABRASIVE CUT-OFF SAWS

(2) EVERETT MDL. 14-16 CIRCULAR TYPE, 2" solids and most 5" shaped, 14" or 16" cutting wheel dia., 1" arbor shaft, 7-1/2 HP motor, 3,210 RPM, multiple "V" drive belts, "V" shaped vise w/foot operated hold-down chain, adj. depth stop, S/N 3-3322, S/N 2430-8.

HORIZONTAL SHAPER

ROCKFORD MDL. HC, 16" stroke, 13" x 24" tbl., 26" horiz. tbl. travel, 10-3/8" vert. tbl. travel, 14-3/4" tbl. to ram, cutting spds.: 10–140 FPM, 150 FPM ram return spd., 6-1/4" tool head vert. hand adj., 0.002" to 0.110" to tbl. cross feeds, 7/8" x 1-7/8" toolpost slot size, S/N 121-HC-83.

RADIAL DRILL PRESS

ROCKWELL, S/N 1784088.

RADIAL ARM DRILL

CARLTON 4' X 11" MDL. 1A NO. 5, drills to center of 96" circle, 2-1/2" spndl. dia., No. 4 MT taper, (12) spndl. spds.: 80–2,000 RPM, 10 HP motor, (6) fds: 0.006–0.125 IPR, 12" spndl. vert. travel in head, 28-1/2" arm travel on column, 39" head travel on arm, 9" to 48" column face to spndl. center, 36" x 54" base, tilt box tbl., pwr. elevation and clamping, S/N 1A-4325T.

HORIZONTAL HONE

SUPERIOR MDL. SS2, spds.: 200–1,750 RPM, grinding stone pressure control, expansion setting control, coolant, foot pedal actuator, S/N S-85-8601.

UNIVERSAL HYDRAULIC CYLINDRICAL GRINDER

CINCINNATI MILACRON 18" X 72" MDL. DE, 18–15/16" sw., 72" centers, 14" x 1-1/2" x 5" grinding wheel, 5 HP wheel head motor, 2.25 HP work head motor, work head spds.: 25–200 RPM, swivel tbl. for taper grinding, wheel dresser, coolant, S/N 35326F79-0003.

RECIPROCATING SURFACE GRINDER

BROWN & SHARPE MDL. 1224, 12" x 24" EM chuck, 12" x 1-1/2" x 3" grinding wheel, 28" long. tbl. travel, 14" cross travel, 19-1/2" vert. travel, 19" max. work ht., 5 HP grinding wheel motor, pwr. wheel dresser, pwr. downfeed, variable spd. tbl., variable nutrifier, S/N 523-1224-2124.

DRILL GRINDER

OLIVER MDL. 600, 1/2" to 3" cap., 28" max. drill length, 9" x 2" x 5" grinding wheel, 2,200 RPM, 2 HP motor, will grind 2-, 3- or 4-fluted drills, 80 deg. to 160 deg. grind angle points, S/N G8280.

CARBIDE TOOL GRINDERS

SETCO MDL. SPL814-110-8, twin tilting tables, 10" x 2" grinding wheel, 1-1/2 HP grinding wheel motor, 460 v., 3-phase, 60 Hz, S/N 109609.

HAMMOND MDL. CBW-6, 6" grinding wheel dia., 1 HP motor, 460 v., 3-phase, 60 Hz, S/N 2118.

Machinery From The

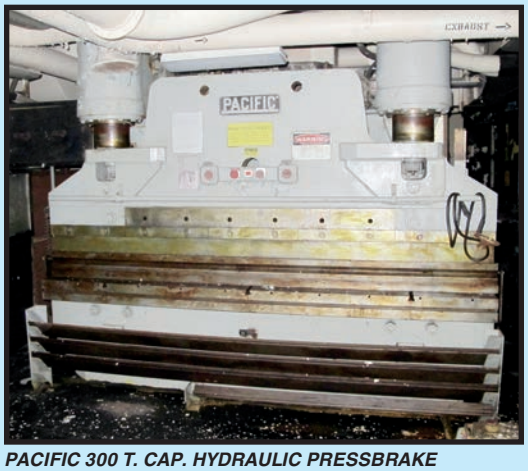
U.S.S. SHENANDOAH & MORE

3603 MELVA ST., HOUSTON, TX 77020

(See Directions on Back Page)



SMT PULLMAX KUMLA 3-ROLL PLATE ROLL



PACIFIC 300 T. CAP. HYDRAULIC PRESSBRAKE



NIAGARA INITIAL PINCH POWER PLATE ROLL



LODGE & SHIPLEY 8' X 1/2" POWER SQUARING SHEAR

PLATE ROLL

SMT PULLMAX KUMLA 3-ROLL, 1/2" x 72" cap. in carbon steel, 3/8" x 72" cap. stainless steel, 5/8" x 72" cap. aluminum, 9-3/4" dia., 15 HP motor, hyd. drop end, indicators on bottom rolls, cone rolling, S/N 4368.

INITIAL PINCH POWER PLATE ROLL

NIAGARA MDL. 351-P, 12 ga. cap. mild steel, 48" max. forming length, 4" roll dia., 15 FPM, 2 HP motor, manual drop end, rear roll adj., wire grooves, brake motor, elec. foot pedal control, S/N 61997.

HYDRAULIC PRESSBRAKE

PACIFIC 300 T. CAP. MDL. K300-10, 10' x 3/8" cap., bending capacities: 3/8" x 10' carbon steel, 1/4" x 10' stainless steel, 1/2" x 10' aluminum plate, 1/4" x 10' Monel plate, 10' bed, 8' 5.5" dist. btwn. housings, 32" bed ht., 12" stroke, 20" open ht., 15" throat ht., 10" throat depth, 30 HP motor, 26 IPM normal press, dual palm button controls, perm. flanged bed, 120" 4-way die, numerous heavy punches, S/N 8733.

FINGER BRAKES

(2) CHICAGO DREIS & KRUMP MDL. BPU612-6, 72" bending length, 12 ga. mild steel, 16 ga. stainless steel, (5) 3" brake fingers, (4) 4" brake fingers, (7) 5" brake fingers, 6" brake finger, S/N 324787T, S/N N.A.

CHICAGO DREIS & KRUMP MDL. BPO412-6, 48" bending length, 12 ga. mild steel, 16 ga. stainless steel, brake fingers missing, S/N 322082-M.

POWER SQUARING SHEAR

LODGE & SHIPLEY 8' X 1/2" MDL. 0808, 1/2" cap. mild steel, 8'-4" dist. btwn. housings, 1-1/8" x 5" x 124" blade, 3/8"/ft. blade rake, 40 SPM, 15 HP motor, 15 tons/ft. hold-down pressure, 18" throat, 48" backgauge range, front operated backgauge, squaring arm, roller balls in tbl., S/N 50742.

NIBBLER

TRUMPF MDL. CN-901-1300, 0.04" to 0.36" sheet thickness, 51.1" stroke, stroke rate: 13.7-55.1 IPM, 51.1" overhand, 39.3" x 51.1" work space, 40.1" working ht., 2.2"/2.5" max. blank dia., 0.5" circular cut-out, 3 HP motor, S/N 1247.

UNIVERSAL SHEAR NIBBLER

SMT PULLMAX, S/N 61750-02.

HYDRAULIC IRONWORKER

PIRANHA 70 T. CAP. MDL. P70-270, 1-3/16" dia. thru 3/4" punch cap., 1" x 6", 3/4" x 12" and 1/2" x 18" flatbar shear cap., 5" x 5" x 1/2" angle shear cap., 2" rd. bar shear cap., 1-3/8" sq. bar shear cap., 3-1/2" x 5" x 3/8" coper/notcher, 15 HP hyd. drive motor, 12" x 21" working surface, set of punches and dies, oversize punch attach. w/stripper action, bending attach. w/4-way dies, S/N P70-270.

UNIVERSAL IRONWORKER

BUFFALO NO. 1-1/2, new 1993, 73 T. punch ram pressure, 1-1/16" x 3/4" or 7/8" x 7/8" punch dia. x plate thk., 22-11/16" punch throat, flatbar shear: 9-1/4" x 3/4", 10-1/2" x 5/8", 11" x 1/2" & 11" x 1/4", 90 deg. notcher, 3" x 3" x 3/8" angles, 3" x 3/8" flanges of tees, 4" to 7" flanges of beams, 4" to 6" flanges of channels, 3/8" plates, 2-3/4" cut depth, built-in square copper, bar cutter shear, 306 RPM flywheel spd., 3 HP motor, 44 SPM, S/N S13547-4.

WELDING MACHINES

(4) MILLER MDL. DIMENSION 400 CONSTANT CURRENT/CONSTANT VOLTAGE DC, S/N KE6-52767, S/N KE657282, S/N KE657280, S/N KE651893; **(2) HOBART MDL. MEGA-ARC 400,** S/N 82W509746, S/N 82W509744; **(2) MILLER MDL. SYNCROWAVE 350 CONSTANT CURRENT AC/DC,** S/N KB070067, S/N JK56-9204; **(2) MILLER MDL. SRH-333 DC,** S/N HK323130, S/N HK323138; **(2) MILLER MDL. SRH-333,** 230/460 v., 3-phase, 60 Hz, 15 kW, S/N HK323132, S/N HK323137; **MILLER MDL. 330A/BP AC/DC GAS TUNGSTEN ARA,** S/N HF829249; **HOBART MDL. CYBER-WAVE 300,** S/N 90W501154; **(2) LINCOLN MDL. ELECTRIC IDEALARC R3R-300,** S/N U1931003532, S/N U1931003533; **MILLER MDL. SYNCROWAVE 250 CONSTANT CURRENT AC/DC,** S/N KC3D8412; **(2) POWCON 250 AC/DC,** S/N K202136, S/N K202132; **MILLER MDL. SSW2040MT RESISTANCE SPOT WELDER,** S/N JJ512959; **MILLER MDL. WT-2508 SPOT WELDER,** S/N KB156355.

WELDING RECTIFIER

MILLER MDL. LAG315, S/N 722-002-0261, Esab A/O Type A10-MVC30 wire feeding unit, 400 amps welding current, 60% max. duty factor, S/N 331-403-3237.



< BUFFALO NO. 1-1/2 UNIVERSAL IRONWORKER



> TRUMPF MDL. CN-901-1300 NIBBLER



CHICAGO DREIS & KRUMP MDL. BPU612-6 FINGER BRAKE



PIRANHA 70 T. CAP. HYDRAULIC IRONWORKER



STRIPPIT MDL. 150 HYDRAULIC ROTARY TUBE BENDER

HORIZONTAL TRAVERSE FLAME SPRAY WELDING SETUP

METCO 15" X 30" MDL. 3HH, steady rest, 4-jaw chuck, variable traverse feed rate, exhaust system, S/N 609-7-82-3 (*Note: for LeBlond lathe).

ARC PLASMA CUTTING SYSTEMS

(2) THERMAL DYNAMICS MDL. PAK 10XR, S/N D70307A183501C, S/N D70308A183501CX.

HYDRAULIC ROTARY TUBE BENDER

STRIPPIT MDL. 150, 16 ga. x 1-1/4" O.D. steel tubing, 1" rd. steel bar, 3/4" sq. steel bar, 3/8" x 4" flat bar (flat way), 3/8" x 1" flat bar (edgewise), 3/16" x 1" x 1" angle, 3/16" x 1/2" x 1" channel, 1-1/4" iron pipe, 9" radius cap., 280 deg. max. bend, (26) 90 deg. bends per minute, 1,000 PSI hyd. pressure, 3 HP motor, S/N 15087205.

PIPE BENDER

COAST MDL. 3RD, 3" IPS Schedule 80 carbon steel pipe bending cap., 0 to 210 deg. bend angle indicator, 5 HP hyd. motor, clockwise bending rotation, built-in hyd. tank, hand controls for rotation and clamping, S/N 3RD-80-203.

HYDRAULIC H-FRAME PRESS

DAKE 25 T. CAP. MDL. 7-044, manual operation, 33-1/2" dist. btwn. uprights, 5-3/16" dist. btwn. channels, 4" to 39" ram to tbl., 5" ram travel, 5" screw travel, Dake 3 T. cap. 1-3/4" side mtd. arbor press, 48:1 leverage ratio, 14" max. dia. workpiece, 7" throat, S/N 178362.

ARBOR PRESS

DAKE 3 T. CAP. MDL. 1-1/2B1, 48:1 leverage ratio, 1-1/4" x 1-1/4" x 24-1/2" ram size, 14" max. work dia., 7" throat, 2" largest arbor, 18-1/4" over tbl., 17-1/2" over tbl. plate, 21"L. x 8-1/4"W. base, 28" ht., S/N N.A.

UNIVERSAL DRY BLAST CABINET

TRINCO MDL. 40X40SL/BP, 85 PSI operating pressure, 40" x 40" x 31" ht. interior dims., 40" x 40" flip top door opening, 20" x 20" side door opening, 12" x 24" safety glass viewing window, lighting, air pressure regulator and gauge, gloves, S/N 16551-0.

TURRET DRILL

BURGMASTER 6-STATION, 19" x 26" tbl., 6 pos., spndls. 1 and 4": 500–1,500 RPM (l) and 1,000–3,000 RPM (h), 3/4 2 and 5: 350–1,000 RPM (l) and 700–2,000 RPM (h), 3/4 3 and 6: 225–650 RPM (l) and 450–1,300 RPM (h), 2 HP motor, 8" vert. turret travel, 9" to 17" turret face to tbl., auto. turret indexing, foot pedal control, coolant, drill and tap chucks, storage cabinet base w/drawer, S/N 238287.

TABLE-TYPE JACK KNIFE DRILL

ROCKWELL MDL. EFI-3T, 30" x 20" tbl., 3 MT spndl. taper, (12) spndl. spds.: 90–3,360 RPM, 1.3/1.9 HP motor, (3) pwr. fds: 0.004", 0.006" and 0.010", drilled and tapped mode, pwr. arm lock, pwr. raise/lower arm, coolant, pwr. feed, S/N 52924-24.

BENCH-TYPE DRILL PRESS

ROCKWELL MDL. N15-080, (4) spndl. spds.: 470, 780, 1,300 and 1,950 RPM, 1/2 HP motor, 115 v., sgl.-phase pwr., belt and pulley trans., adj. drill depth stop, adj. head and adj. tbl. elevation, S/N 81F75129.

METAL DISINTEGRATOR

CAMMANN MDL. C-96, 25.5" x 47" tbl., 34.5" tbl. ht., 41" column ht. from tbl., 21.5" vert. head travel on column, 42" arm length from column face, 27" horiz. head travel on arm, CMBL head model, 15 KVA, 440 v./3-phase/50-60 Hz., 50% duty cycle, 250 max. current, 3 to 30 volts across head, rolling wheel base, S/N 71180.

DOUBLE-END PEDESTAL GRINDERS

(6) SETCO MDL. SPL606-292-8, combination wet/dry type, integral dust collection system, 1-1/4" arbor, 1,800 RPM spndl. spd., 2 HP motor, filtration system in pedestal, S/N 112072, S/N 112068, S/N 112072, S/N 112070, S/N 112067 and S/N 112074 w/12" x 2" grinding wheel.

BENCH GRINDER

SETCO MDL. SPL, 10" max. wheel size, 1,800 RPM, S/N 112021.

MISCELLANEOUS SHOP & WAREHOUSE EQUIPMENT

THUMM MDL. A3 COIL CUTTER AND PULLER; SAS ARMATURE STAND; 4' X 4' X 29" HT. METAL SHOP TABLE; H.D. SWIVEL TBL. w/(2) tbl. mtd. vises.



TRINCO UNIVERSAL DRY BLAST CABINET



< BURGMASTER 6-STATION TURRET DRILL



> ROCKWELL MDL. EFI-3T TABLE-TYPE JACK KNIFE DRILL



(1 OF 6) SETCO DOUBLE-END PEDESTAL GRINDER



BARBEE & CALDER HYDROSTATIC VALVE TESTER



HOFFMAN MDL. HL-16.1 HARD BEARING BALANCING MACHINE



BARBEE MDL. H-6000-TR HYDROSTATIC VALVE TESTER

HYDROSTATIC VALVE TESTERS

BARBEE MDL. H-6000-TR, valve test cap: 1/2" to 4": 6,000 PSI max. test pressure, 5" to 6": 4,350 PSI max. test pressure, 12": 1,160 PSI max. test pressure, 1/2" to 2" NPT flanged & threaded relief valves, 2" to 12" flanged relief valves, 0–4,500 PSI air and water, 4-arm hyd. clamp, 100 T. max. clamping force (adj.), data acquisition computer, air tanks, 0–6,000 PSI air operated hydro pump, gauges, stainless steel pressure valves, fittings and tubing, hyd. safety interlock valve, S/N N.A.

CALDER MDL. 1400N, valve test cap: 2" to 3": 9,375 PSI max. test pressure, 4": 5,625 PSI max. test pressure, 5": 3,375 PSI max. test pressure, 6": 2,250 max. test pressure, 8": 1,500 PSI max. test pressure, 10": 1,125 PSI max. test pressure, 12" to 14": 450 PSI max. test pressure, 25 T. cap. ram pressure, 165 T. cap. hyd. clamping force, 10,000 PSI rated hyd. clamping components and plumbing, air operated hyd. pump, tilting test stand, safety interlock systems, analog clamp and test pressure gauges, tank, air regulator kit, hyd. flange seal clamping circuit, hyd. clamping chart, S/N N.A.

HARD BEARING BALANCING MACHINES

SCHNEK MDL. H40B/3, 48" max. dia., 60" max. dist. btwn. stands, 50" suppt. bearings dia., 7-1/5 HP motor, no controls, S/N AHF0546.

HOFFMAN MDL. HL-16.1, 5-lb. to 180-lb. cap., 18" max. dia., 36" max. dist. btwn. stands, 1 HP DC motor, belt driven, Hoffman instrument panel, S/N 81/4/128.

DYNAMOMETER

DILLON 2,000-LB. CAP., 10" dial, 10-lb. division, ±0.5% of cap. accuracy, zero control up to 20% of cap., NIST calibration, mtd. on test frame w/10 T. cap. hyd. jack, S/N N.A.

AIR ACTUATED COIL CUTTER

POTTER RAYFIELD MDL. E-5127, on stand, S/N E-5127.

COIL WINDER

POTTER RAYFIELD MDL. E170WV-MS, new 1991, dual spndl. w/selector, variable spds., forward/reverse controls, foot pedal, counter and RPM sensor, S/N 3/14/91.

RECIRCULATING VARNISH DIP TANK

RECIRCULATING VARNISH DIP TANK MDL. VK51-C, 34" x 34" x 40" ht., 1 HP motor, S/N 981140.

WASH TANK

MAGNUS MDL. ALHS AJA-LIF H.D. TYPE, 32" x 60" x 40" ht. interior dims., 1,000-lb. load cap., 480 v./3-phase/36 kW electric heat, pwr. lift and agitation, adj. agitation stroke settings, (3) electric heating elements, adj. agitation tempo, S/N N.A.

ELECTRIC INCINERATOR BURN-OFF OVEN

DESPATCH ELECTRIC HEATER TYPE, 2-doors, 36 deg. to 850 deg. F. max. temp, 22 kW heater, 28.9 heater amps, 48" x 48" x 60" ht. chamber (80 cu. ft.), 48" x 48" roll-in car, 5" dia. F.A. duct, 4-1/2" x 5-1/2" exhaust duct, temp. control, high limit control, exhaust fan, circulating fan, 5" duct, S/N 118549.

ELECTRIC BAKE OVEN

DESPATCH, 650 deg. F. max. temp., 48" x 48" x 60" ht. chamber (80 cu. ft.), 440 line voltage, 110 control voltage, 48" x 48" roll-in car w/(8) sleeves on 6" centers, Despatch temp. control, exhaust fan, circulating fan, S/N 118340.

ELECTRIC HORIZONTAL AIR FLOW CABINET OVEN

GRIEVE MDL. HA-850, 850 deg. F. max. temp., ±0.3% accuracy, ±7 deg. F. oven uniformity, 10 kW/75,000 BTU/hr. heat input, 460 v./3-phase/60 Hz/14 amps, 40 min. rise time, 8" insulation, 12 HP 600 CFM blower, 20" x 20" x 20" work space dims. (4.6 cu. ft.), adj. shelf, S/N 2391.

PAPER EQUIPMENT

CHALLENGER MDL. HBE PAPER SHEAR, size 265, S/N 24053; **BOSTITCH BRONCO MDL. 74W WIRE STITCHER; CHALLENGER MDL. JF PAPER DRILL,** S/N 54305.

HOSE CUT-OFF AND SKIVE MACHINE

AEROQUIP MDL. S1102, -4 to -32 cap., S/N N.A.

DOG-LEG HOSE ASSEMBLY MACHINE

AEROQUIP MDL. A, new 1985, 4" to 48" cap., large qty. of tooling and adj. heads, S/N 85-05.



SCHNEK MDL. H40B/3 HARD BEARING BALANCING MACHINE



DAKE 25 T. CAP. HYDRAULIC H-FRAME PRESS AND DAKE 3 T. CAP. ARBOR PRESS



RECIRCULATING VARNISH DIP TANK

DESTRUCTIVE TEST LAB, HYDRAULIC R&D SHOP & ELECTRICAL SURPLUS FACILITY CLOSURES



HEM MDL. V100LM3 TILT FRAME VERTICAL BANDSAW



SAVAGE MDL. WJS-20 WET-TYPE ABRASIVE CUT-OFF SAW

ENGINE LATHE

SUMMIT 20" X 60" MDL. 20X60B, 20-1/4" sw., 11-7/8" sw. over slide, 27-5/8" sw. over gap, 15" gap, (15) spndl. spds.: 11.5-1400 RPM, 10 HP motor, Camlock D1-8, No. 6 MT, 4-1/8" spndl. bore, (124) long. fds: 0.00145–0.44474 IPR, (124) cross fds: 0.0007–0.22237 IPR, 12" dia. 3-jaw chuck, 2-spd. tailstock, taper attach., Aloris toolpost, micrometer stop, thread dial, 4-way rapids, compound rest, chuck guard, S/N 38548.

SADDLE-TYPE TURRET LATHE

WARNER & SWASEY 1A MDL. M-470 SQUARE HEAD, 16" swing, 12" over front carriage, 36" centers, 12" dia. 3-jaw chuck, spds.: 44-402 RPM, 20 HP motor, 6 pos. rear turret, 4 pos. front carriage toolholder, (12) hex. turret fds: 0.004"–0.149", (12) crosslide turret cross fds: 0.0022"–0.073", (12) crosslide long. fds: 0.004–0.149", S/N 1299631.

RECIPROCATING SURFACE GRINDERS

THOMPSON 16" X 40", 16" x 40" electromagnetic chuck, 18" x 4" grinding wheel, rapid travers up and down, S/N C51405S; **THOMPSON 12' X 24",** 12" x 24" electromagnetic chuck, 12" x 2" grinding wheel, 10 HP motor, 0.5 HP coolant pump motor, pwr. downfeed, over-the-wheel dresser, variable magnet control, S/N N.A.; **ELB SCHLIFF 12" X 24",** 12" x 24" electromagnetic chuck, 12" x 2" grinding wheel, pwr. downfeed, over-the-wheel dresser, coolant, S/N 108; **THOMPSON 8" X 24",** 8" x 24" electromagnetic chuck, 12" grinding wheel to tbl., 12" x 1-1/2" grinding wheel, 3 HP motor, 0.75 HP coolant pump motor, Walker Fine Line chuck w/smart chuck control, coolant tank and pump, updated electrics, S/N B0928.

VERTICAL BANDSAWS

HEM MDL. V100LM3 TILT FRAME, new 2001, capacities: 18" x 22" @ 90 deg., 18" x 15" @ 45 deg. left, 18" x 14" @ 45 deg. right, 15'-0" x 1.25" blade, 5 HP motor, 80 PSI air, adj. spd. blade, adj. blade tension, adj. feed rate, adj. vise and clamping, 117" x 68" x 100" ht. O.A.D., S/N 791301; **HEM MDL. V100LM TILT FRAME,** capacities: 14" x 20" @ 20 deg., 14" x 14" @ 45 deg., 45 deg. blade tilt (L-R), 13'-6" x 1" blade, 2 HP motor, infinitely variable blade spds.: 60–300 FPM, 80 PSI air, adj. spd. blade, adj. blade tension, adj. feed rate, pneu. vise and clamping, coolant pump, 98" x 36" x 87" ht. approx. O.A.D., S/N 324490; **DAKE MDL. V-24,** 26-3/8" x 26-3/8" tbl., 10 deg. L./30 deg. R tbl. tile, 42" tbl. ht., 10" manual feed tbl. travel, 13" max. work ht., 425–4,250 FPM, 2.2 HP motor, manual feed tbl., Mdl. TPS25 blade welder, worklight, S/N N.A.

ABRASIVE CUT-OFF SAW

SAVAGE MDL. WJS-20 WET-TYPE, 36" x 24" tbl., 18" blade dia., 1,600 RPM spndl. spd., 30 HP main drive motor, 52' blade gantry travel, 27" tbl. travel, coolant tank, pump and piping, operator's panel w/motor load meter, manual and auto. modes, operator's manual and drawings, originally designed to cut metallurgical samples, S/N WJS-20-97-502.

CHOP SAWS

LEESON MDL. N60345B39G, 3 HP motor, 115 v. to 230 v., Cat. No. 1131610.00, S/N N.A.; **EVERETT MDL. 10,** 230 v. to 460 v., 3 HP motor, 3,450 RPM, S/N 04-1344; **EVERETT MDL. 10,** 115 v. to 230 v., 2 HP motor, 2,300 RPM, S/N 07-1823.

FLOOR DRILL PRESS

JET 15" MDL. J-A5818, new 2010, 15" x 18" tbl., variable spd., 1/2" drilling cap in mild steel, 5/8" cast iron, spds.: 400–5,000 RPM, 1 HP motor, 2-1/4" quill dia., 6" spndl. travel, 16-3/4" tbl. travel, 25-3/4" spndl. to tbl., 7-1/2" spndl. center to column, drills to center of 15" circle, 1/2" drill chuck and arbor, accurate depth stop, hand wheel spd. adj., S/N 10090302.

WELDING MACHINES

MILLER MDL. SYNCROWAVE 250 CONSTANT CURRENT AC/DC ARC WELDER, S/N JK710368; **MILLER MDL. 52E WIRE FEEDER,** 115 v., 3 amps, 50/60 Hz, S/N JK692674; **ESAB A/O MDL. A10-MVC30 WIRE FEEDER,** unit, 400 amps welding current, 60% max. duty factor, , S/N 331-403-3237; **MILLER MDL. LAG315 WELDING RECTIFIER,** SEN 301 spec, ISO R700, VDE 0542, NF A85-013, S/N 722-002-0261.

PORTABLE SPOT WELDER

MILLER MDL. MPS-10AFT, 10 KVA @ 50% duty cycle, 2" gap, 230 v., 1-phase, 60 Hz, 45 amps, 90 deg. temp rise, O.C.V. 2.2, water cooled, mechanical controls for all functions, S/N HJ126718.

HYDRAULIC POWER UNITS

CUSTOM, Young Mdl. OCH174 radiator, Mitsubishi Mdl. DO154HSOO main motor, Type SB-E, 3-phase induction motor, 15 HP, (4) poles, 60 Hz, 230 v./460 v., 39/19.5 amps, 1,740 RPM, Delaval Mdl. 33-016RB1P IMO pump, Part No. 275966, S/N 2524900, (2) MTS, (1) 30 HP AND (1) 15 HP, skid mtd., w/oil chiller, filter, electrical disconnect and components; **CUSTOM MDL. 506.02C HYDRAULIC SUPPLY UNIT,** 6 flow, 22.8 GPM, 3,000 PSI continuous operating pressure, Assembly No. 361751-01, S/N 585; **HYDRAULIC POWER UNITS, HYDRAULIC MOTORS, VALVES/ MANIFOLDS, COMPONENTS, FITTINGS OF ALL TYPES.**

ELECTRICAL SURPLUS

INCLUDING TRANSFORMERS TO 500KVA, MOTORS TO 600 HP, DISCONNECT SWITCHES, FUSE BOXES AND MORE.

ELECTRIC FURNACE

LINDBERG MDL. RO-101810, 2,000 deg. F. max. temp., 10 kW, heavy-duty Mdl. 31F elec. heat source, S/N D80123, 12 KVA for 180 min., 10.8 continuous KVA, 480/440 v., 3-phase, 60 Hz, S/N 18668.

HEAT EXCHANGER

THERMAL TRANSFER PRODUCTS MDL. AO-40, 3-phase, 300 PSI max. pressure, 400 deg. F. max. temp., S/N 1460095.

DOUBLE-END PEDESTAL GRINDER

BALDOR MDL. 1215W, 2 HP motor, 220 v.,/440 v., 3-phase, 60 Hz, S/N N.A.

VERTICAL MILL

RAMCO MDL. RAM IVD, 220 v., 3-phase, 60 Hz, S/N 60797.

MISCELLANEOUS SHOP & WAREHOUSE EQUIPMENT

BALDOR RELIANCE INDUSTRIAL 3 HP MOTOR; HYDRAULIC CYLINDERS; HYDRAULIC FITTINGS; HYDRAULIC MANIFOLDS; VALVES; INTENSIFIERS, ASSEMBLY HARDWARE.

HARDNESS TESTER

DETROIT MDL. PH-2, Iron Horse general purpose industrial motor, 1/3 HP, 1,725 RPM, 60 Hz, sgl.-phase, 115 v./230 v., on casters, S/N 531.

TRIPLEX PUMP STATION

CAT, 10,000 PSI max. pressure, Baldor 30 HP drive motor, CAT 3507 triplex pump, electrical starter, rolling cart, S/N N.A.



THOMPSON RECIPROCATING SURFACE GRINDER



UNUSED 500 KVA TRANSFORMER



600 HP MOTOR



SAMPLE VIEW OF HYDRAULIC FITTINGS

PLANT & MACHINERY INC.
AUCTIONEERS • APPRAISERS • LIQUIDATORS • REAL ESTATE
P.O. Box 218568
Houston, TX 72218-8568

DATED MATERIAL – PLEASE DELIVER

PUBLIC INVITED

AUCTION: WED., DEC. 6 • 10:00 A.M.

Presorted
First Class Mail
U.S. Postage
PAID
Eugene, Oregon
Permit No. 17

ATTENTION: PLANT MANAGER OR EQUIPMENT BUYER

MACHINE TOOLS & FAB. EQUIPMENT FROM THE U.S.S. SHENANDOAH, PLUS DESTRUCTIVE TEST FACILITY & HYDRAULIC R & D SHOP

PMI AUCTION

HOUSTON, TEXAS

DIRECTIONS

FROM HOUSTON'S GEORGE BUSH INTERCONTINENTAL AIRPORT: Follow signs out of the rental car center to go south on JFK Blvd. towards Beltway 8. Exit left (east) onto Beltway 8 heading eastbound towards Texas Hwy. 59. Take Hwy. 59 South towards downtown Houston. As you approach downtown, exit onto I-10 East/Beaumont. Proceed east on I-10 to the Waco St. Exit. Turn right (south) onto Waco St. and proceed to Clinton Dr. Turn right (west) onto Clinton Dr. and watch for Clinton Dr. to veer to the left as Melva St. forks straight ahead. The auction site is on your right just ahead. Watch for auction signs.

LODGING

The closest lodging is in downtown Houston. However, the sale site is equally close to both Intercontinental airport and Hobby airport, so ample lodging is available there, too.

UNABLE TO ATTEND?

Bid on-line in real time at BidSpotter.com
TO PARTICIPATE YOU MUST:

1. **Register at www.BidSpotter.com. Use the link to BidSpotter on PMI's website calendar. DO IT NOW.**
2. **Either send wire transfer, or, overnight delivery service a cashier's check deposit in the amount of $3,000 (U.S. Bidders) or $10,000 (Foreign Bidders) to:**
   Plant & Machinery Inc.
   1304 Langham Creek Drive, Suite 454, Houston, TX 77084
   Wire transfer instructions can be found at pmi-auction.com

You must be registered and have your deposit in the hands of Plant & Machinery, Inc. at least 24 hours prior to the start of the auction. Failure to register and/or failure to send your deposit to Plant & Machinery, Inc. may disqualify you from bidding. DON'T WAIT.
If you need assistance, don't hesitate to call (713) 691-4401.
ALL WEBCAST BIDS ARE SUBJECT TO AN 18% BUYER'S PREMIUM.

FINANCE YOUR AUCTION PURCHASE

Conserve Your Cash &
Increase Your Bidding Power

AuctionLea$e Provides M&E Financing

With Approvals from $5,000 to $999,000

(800) 438-1470

Apply Online:
www.AuctionLease.com

PARTIAL TERMS & CONDITIONS

A 15% Buyer's Premium Will Apply On-site.
An 18% Buyer's Premium Will Apply to Webcast Bids. See Above Rules for Participation.

Everything will be sold to the highest bidder or bidders for cash in accordance with the auctioneer's Customary Terms of Sale, copies of which will be posted on the premises.

ALL PAYMENTS MUST BE MADE BY CASH, CASHIER'S CHECK, WIRE TRANSFER OR COMPANY CHECK WITH BANK LETTER GUARANTEEING PAYMENT TO PLANT & MACHINERY INC.

Here is an example of what your letter should be: *Mr. "Customer Name" is a customer of this bank. This bank will guarantee unqualified payment to PMI on the account listed herein up to the amount of $_____. This letter is good until January 8, 2018.*

In default of payment of bills in full within the time therein specified, the Auctioneer in addition to all other remedies allowed by law, may retain all monies received as deposit or otherwise, as liquidated damages. All items must be removed by the time announced at the start of the sale.

Lots not paid for and/or removed within the time allowed may be resold at public or private sale without further notice, and any deficiency, together with all expenses and charge of resale, will be charged to the defaulting purchaser.

The buyer acknowledges that he or an agent has inspected all of the assets upon which he will be bidding and/or does purchase.

Buyer agrees to accept assets purchased "AS IS," WITH "ALL FAULTS" AND "WITH REMOVAL AT BUYER'S RISK AND EXPENSE." THE AUCTIONEER EXPRESSLY DISCLAIMS ON THE PART OF THE AUCTIONEER AS AGENT AND THE SELLER, ANY WARRANTY AS TO FITNESS OR USABILITY OF ALL THE ASSETS, AND THE BUYER EXPRESSLY WAIVES ANY CLAIM IN RESPECT TO ANY POSSIBLE FUTURE USE OF ANY ASSET PURCHASED FOR ANY PURPOSE WHATSOEVER.

The buyer does hereby assume and does agree to indemnify and hold the auctioneer harmless from any future claim which shall pertain to the fitness or use of that asset as being purchased. Riggers, movers, electricians and buyers performing work at the Auction Site must provide PMI with evidence of insurance. The insurance coverage must be at a level acceptable to PMI and to the seller. PMI reserves the right to withdraw items, alter the order of the sale, accept bids from the seller, and group lots as it may deem appropriate. This auction may include consignment items.

Although all information has been obtained from sources deemed reliable, the auctioneer and seller make no warranty or guarantee, expressed or implied, as to the accuracy of the information herein contained, or contained in our catalog. It is for this reason that buyers should avail themselves of the opportunity to make inspection prior to the auction. Although it is not likely, auction sales are subject to cancellation or postponement. Kindly contact auctioneer prior to attendance.

These terms and conditions may be modified or supplemented by language in the catalog available at the sale site or by announcement at the start of the sale. Bidders should be attentive to those announcements and to the catalog language.