4-DAY PUBLIC AUCTION

SUBASTA PUBLICA

By Order of the U.S. Bankruptcy Court, District of Arizona, Chapter 11, Case No. 99-0074-TUC-JMM, Bankrupt Assets of
Por orden de la Corte de Bancarrotas de los E.U.A., los activos de

McCULLOCH NORTH AMERICA INC.

3 LOCATIONS

TUESDAY & WEDNESDAY, MAY 11th & 12th

MARTES 11 Y MIÉRCOLES 12 DE MAYO

900 Lake Havasu Avenue • Lake Havasu City, Arizona

THURSDAY, MAY 13th

JUEVES 13 DE MAYO

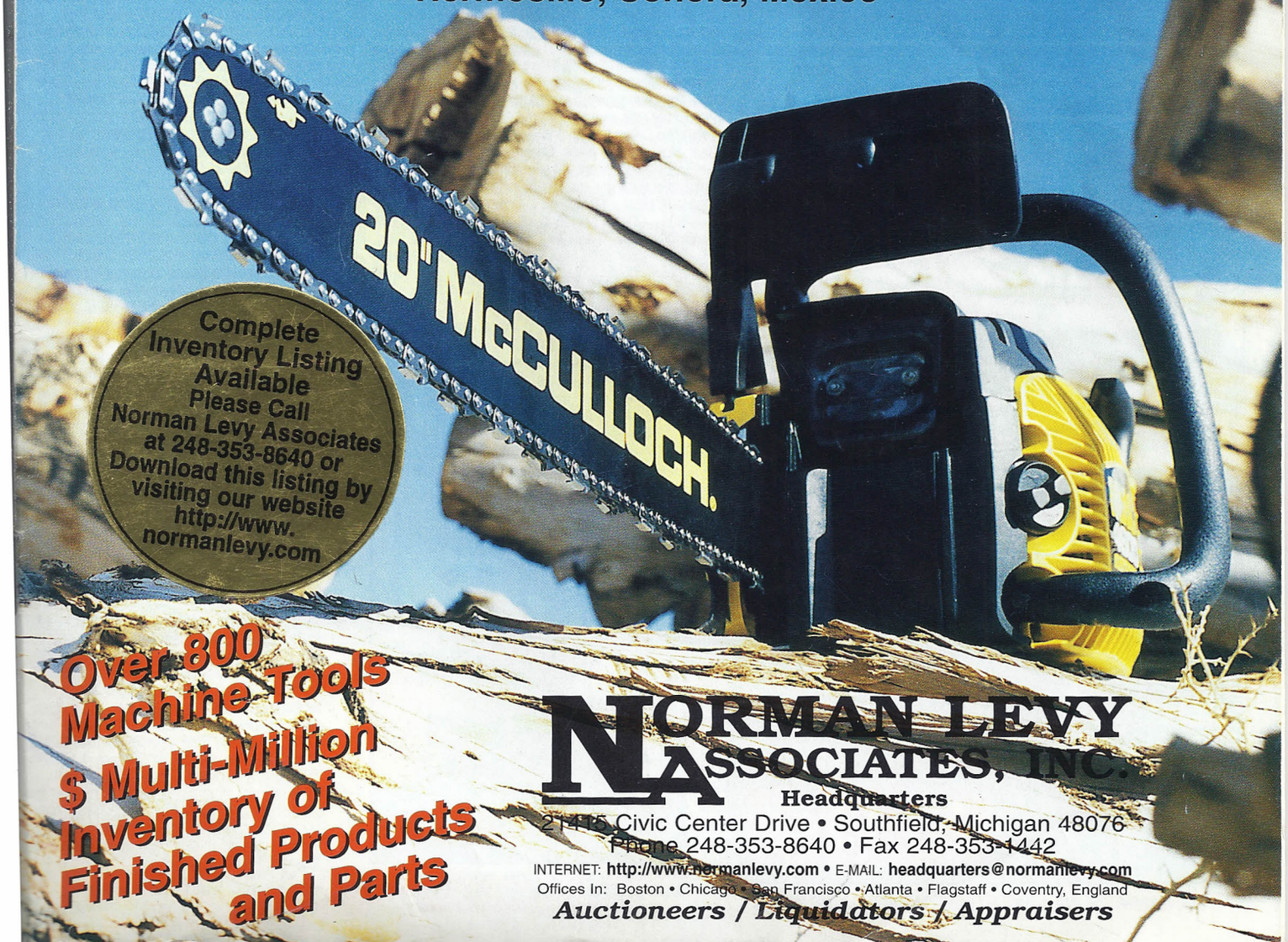
6085 S. McCulloch Drive • Tucson, Arizona

1999

TUESDAY, MAY 18th

MARTES 18 DE USED • McCulloch S.A. De C.V.

Av. Jesús Siqueiros #652, Col. Alvaro Obregón
Hermosillo, Sonora, México



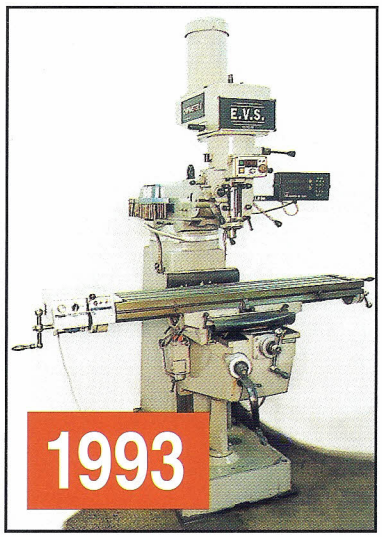
Complete Inventory Listing Available
Please Call Norman Levy Associates at 248-353-8640 or Download this listing by visiting our website http://www.normanlevy.com

Over 800 Machine Tools
$ Multi-Million Inventory of Finished Products and Parts

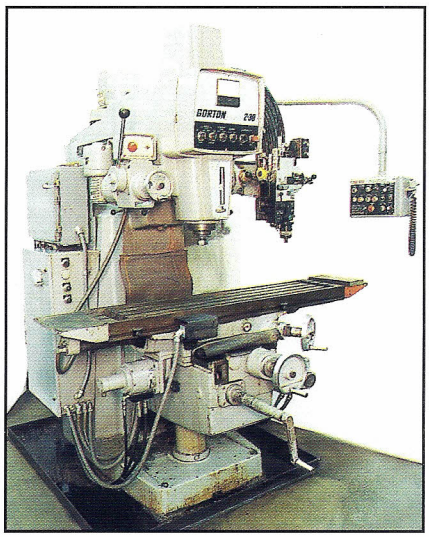
NORMAN LEVY ASSOCIATES, INC.

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Phone 248-353-8640 • Fax 248-353-1442
INTERNET: http://www.normanlevy.com • E-MAIL: headquarters@normanlevy.com
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Auctioneers / Liquidators / Appraisers



1 OF 3 SOUTH BEND E.V.S. CHIPMASTER II 5-HP MILLS



GORTON 2-30 AUTO-TRACE-MASTER VARIABLE SPEED TRACER MILL



HURCO ACROLOC AF1540 CNC VERTICAL MACHINING CENTER

33 Lathes

All Items Listed On Pages 2-14 Will Be Sold From 900 Lake Havasu Ave., Lake Havasu City, Arizona, Tues. & Wed., May 11th & 12th, Beginning 10 am each day

CNC VERTICAL MACHINING CENTERS

To be sold 1st Day, Tuesday, May 11th

1 – **ACROLOC SERIES 6M/100 CNC VERTICAL MACHINING CENTER**, S/N 85-01-1582 **(1985)**, M#16665, T-Slotted Table 38" x 16", Longitudinal Table Travel 30", Cross Table Travel 16", 15-Station Automatic Tool Changer, Coolant, Vertical Spindle Head Travel 16", General Numeric Series GNC CNC Pedestal Control, Bijur Lubrication, Splash Guards, Way Covers

1 – **HURCO ACROLOC AF1540 CNC VERTICAL MACHINING CENTER**, S/N AF9004103C **(1993)**, M#18542, Table Size 45" x 26", Bijur Lubrication, 15 Position Tool Changer, Vertical Spindle Head Travel 10", Longitudinal Table Travel 36", Cross Table Travel 20", Splash Guards, GE Fanuc Series O-M CNC Control w/CRT, Tachometer, Percentage of Load Meter, Way Covers

11 CNC CHUCKERS

To be sold 1st Day, Tuesday, May 11th

7 – **HARDINGE CONQUEST SUPER PRECISION CS-GT CNC CHUCKERS, (ALL 1991)** S/Ns GT-232 M#18508, GT-163 M#18474, GT-190 M#18480, GT-189 M#18478, GT-221 M#18494, GT-231 M#18497, GT-195 M#18479, % of Load Meter, GE Fanuc OT-C CNC w/CRT, Power Collet Chuck, Turbo 6275-8274 Chip Conveyer, Coolant, McLean Control Air Conditioner

4 – **WARNER & SWASEY MODEL WSC-6 NO. M-5600 CNC CHUCKERS**, S/NS 1488296 M#18318, 1488338 M#18365, 148945 M#18461, N/A M#16743, 10-Position Tool Turret, Turbo Model 627506-8092 Chip Conveyor, S/N 309339, Fanuc Model OT CNC Controls

CHUCKING MACHINE

To be sold 1st Day, Tuesday, May 11th

1 – **HARDINGE MODEL HCT PRECISION DOVETAIL CHUCKING MACHINE**, S/N 26791 M#8117, Swing Over Bed 12", Hole Thru Spindle 1-1/4", 6-Position Turret, Power Carriage, Collet Closer, Cabinet Base

12 TRACER LATHES

To be sold 1st Day, Tuesday, May 11th

2 – **FUJI HYPOMATIC FGR UNIVERSAL AUTOMATIC TRACER LATHES**, S/Ns 3039 **(1974)** M#13279, 13279 **(1984)** M#13287, Capacity 10" x 16" C.C., Air Collet Chuck, 24 Spindle Speeds 120 to 1000 RPM, Automatic Speed Changer, Front and Rear Slides, Power Tailstock, Coolant, Showa 1-Shot Lubrication, 5-HP Hydraulic System, 7-1/2 HP Spindle Motor, Spindle Brake, Pendant Controls, Electrical Controls

2 – **FUJI HYPOMATIC FAS AUTOMATIC TRACER LATHES**, S/Ns 1165-F38 M#13374, 1166-F39 M#13375 **(BOTH 1975)**, Air Collet Chuck, 2 Speeds 900 and 1800 RPM, Rear Slide, Vertical Slide, Coolant, Showa 1-Shot Lube, 5-HP Hydraulic System, 20-HP Spindle Motor, Controls

2 – **SUNDSTRAND NO. 14 MULTI-POINT SINGLE POINT PRODUCTION TRACER LATHES**, S/Ns 14T-81 M#12601, 14T-80 M#12600 **(BOTH 1970)**, T25X24S, Capacity 9" x 36", 3-Jaw Air Chuck, Lower Vertical Slide, 45° Angle Upper Slide, Bijur Lubrication, Coolant System, Percentage of Load Meter, 5-HP Hydraulic System, 25-HP Spindle Motor, 3/60/230-460, Electrical Controls

To be sold 2nd Day, Wednesday, May 12th

2 – **SUNDSTRAND NO. 14 MULTI-POINT SINGLE POINT PRODUCTION TRACER LATHES**, S/Ns 14T-35 M#9419, 14M-18 M#9418, Specs as above

4 – **FUJI MODEL FSR UNIVERSAL AUTOMATIC TRACER LATHES**, S/Ns 4114 M#N/A, 4241 M#18475, 4225 M#N/A, 4136 M# N/A, Swing Over Bed 14-1/2", Spindle Speed Range 180 to 1480 RPM, Front & Back Slides, Power Tailstock, Coolant System, 7-1/2 HP Motor

12 TOOLROOM LATHES

To be sold 1st Day, Tuesday, May 11th

2 – **TA SHING ECON-TURN QUICK CHANGE GAP BED LATHES**, (1) **MODEL CROWN-4-2000A/2180 21" X 80" C.C.**, S/N C40030 **(1980)** M#16403, (1) **CROWN-4/2160 21" X 60" C.C.**, S/N C40003 **(1979)** M#16402, Both with Swing Over Gap 30", Spindle Speeds 11 to 1500 RPM, Feeds 0.018 to .0522 IPR, Threads 1 to 56 TPI, Hole Thru Spindle 3-1/8", Taper Attachment, Thread Chasing Dial, Coolant

1 – **LEBLOND DUAL DRIVE 14" X 56" C.C. QUICK CHANGED GEARED HEAD LATHE**, S/N 2H61167 M#13041, Spindle Speeds 31 to 2400 RPM, Feeds .0007 to .0384, Threads 4 to 224 TPI, Hole Thru Spindle 1-1/2", Taper Attach., Thread Chasing Dial, Micrometer Stops

2 – **CINCINNATI MODEL 12-1/2 TRAY-TOP 12-1/2" X 42" C.C. GEARED HEAD LATHES**, S/Ns 1W2E6C-148 M#8839, 1W2E5D-12 M#8858, Spindle Speed Range 53 to 1800 RPM, Feeds .0020 to .1224 IPM, Threads 3 to 184 TPI, Hole Thru Spindle 1-3/8", Taper Attachment, Thread Chasing Dial

1 – **HARDINGE MODEL HLV-H HI-SPEED PRECISION DOVETAIL LATHE**, S/N HLV-H-5072K M#13124, Swing Over Bed 11", Swing Over Carriage 9", Swing Over Cross Slide 6", Distance C.C. 18", Spindle Speeds 125 to 3000 RPM, Feeds 1/4 to 7 IPM, Hole Thru Spindle 1-1/4", Power Carriage, Cabinet Base

To be sold 2nd Day, Wednesday, May 12th

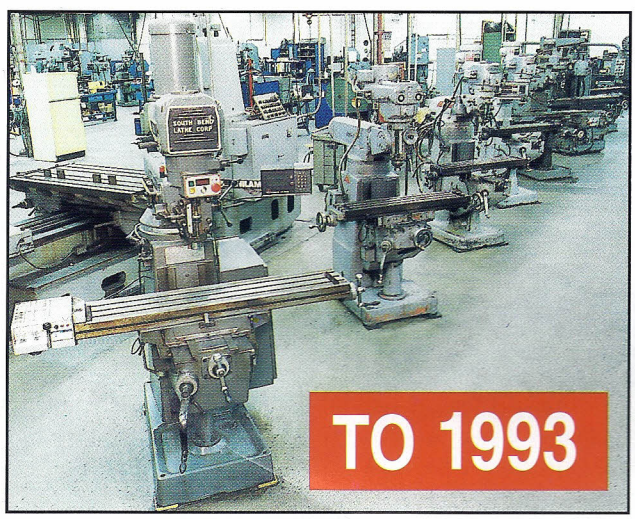
1 – **LEBLOND DUAL DRIVE LATHE**, S/N HC-696 M#921, (Same as above)

1 – **ROCKFORD ECONOMY 18" X 54" C.C. GEARED HEAD LATHE**, S/N 78HX97 M#325, Actual Swing 18-1/2", Hole Thru Spindle 1-1/2" 12 Spindle Speeds 48 to 1206 RPM, 32 Feeds .0021 to .030-IPR, 32 Threads 8 to 112-TPI, Motor in Base

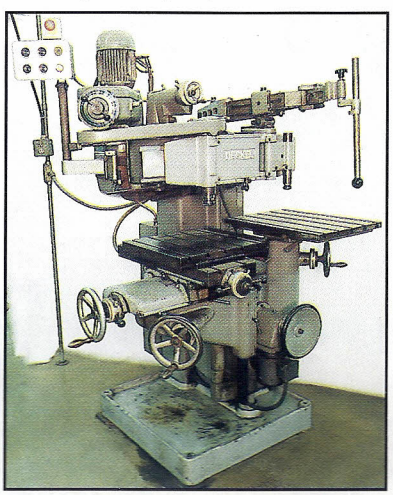
1 – **SUNDSTRAND TYPE A MODEL 4A AUTOMATIC LATHE**, S/N N/A M#6000, 10" X 16" C.C., Spindle Speed Range 23 to 1800 RPM, Front & Back Slides, Hydraulic Chuck & Tailstock, Coolant System, 7-1-2 HP Motor

1 – **ROCKWELL SERIES 25-49X 14" X 42" C.C. QUICK CHANGE GEARED HEAD LATHE**, S/N 1771758 M# N/A, Spdl. Speeds 40-1000 RPM, Feeds .0017 to .0496 IPR, Threads 4 to 224 TPI, Taper Attachment, Thread Chasing Dial

2 – **FUJI MODEL FLR UNIVERSAL AUTOMATIC PRODUCTION LATHES**, S/Ns 4403-F127 M#16213, 1554-F128 M#16212, 10" x 18" C.C. Front & Back Slides, Hydraulic Chuck & Tailstock, Pendant Control



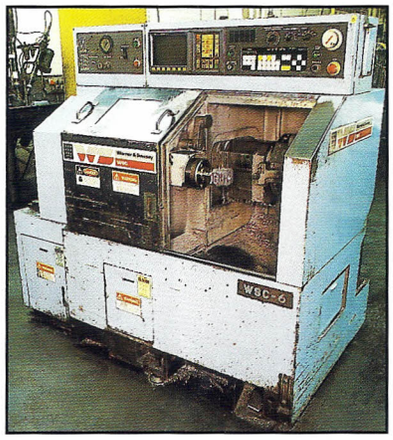
PARTIAL VIEW OF 17 VERTICAL MILLING MACHINES



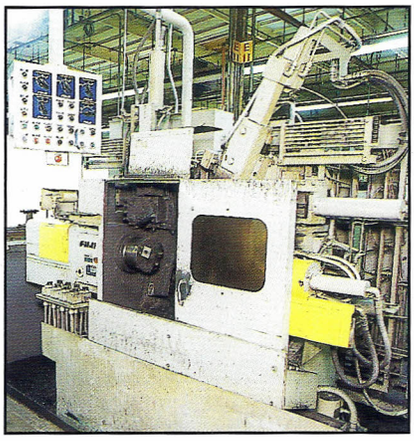
DECKEL TYPE KF2 UNIVERSAL COPY MILLING MACHINE



HARDINGE PRECISION MODEL SG-42
CNC SLANT BED LATHE



1 OF 4 WARNER & SWASEY WSC-6
NO. M-5600 CNC CHUCKERS



1 OF 2 FUJI HYPOMATIC MODEL FAS
AUTOMATIC TRACER LATHES

9 PRODUCTION LATHES

To be sold 1st Day, Tuesday, May 11th

1 – **HARDINGE PRECISION MODEL SG-42 CNC SLANT BED LATHE**, S/N SG-278 **(1993)** M#1853, 12-Position Tool Turret, Power Chuck, Power Tailstock, Bijur Automatic Lubrication, Hydraulic System, Motor in Base, 3/60/230, Turbo Model 6275-8533 Inclined Chip Conveyor, S/N 319842, General Electric 18T CNC Control, With Monitor, McLean Control Panel Air Conditioner

3 – **FUJI MODEL KG AUTOMATIC PRODUCTION LATHES**, S/Ns 1667-F151 M#16353, 1667-F152 M#N/A, 1796-F171 M#16463 **(ALL 1980)**, Capacity 12" x 16" C.C, Actual Swing 12", Air Collet Chuck, 4 Spindle Speeds 80 to 1460 RPM, Front & Rear Slides, Power Tailstock, Coolant, Showa 1-Shot Lubrication, 5-HP Hydraulic System, 10-HP Spindle Motor, Pendant Controls, Electrical Controls

1 – **SUNDSTRAND 12A AUTOMATIC PRODUCTION LATHE**, S/N 42-232 C-3152 M#12723 **(1971)**, Air Collet Chuck, Front & Rear Slide, Bijur Lubrication, Coolant, Percentage of Load Meter, 40-HP Spindle Motor, 3/60/220-440, Electrical Controls

1 – **SUNDSTRAND 8A AUTOMATIC PRODUCTION LATHE**, S/N 36-5-28 M#9353, Air Collet Chuck, Front and Rear Slide, Vertical Slide, Coolant System, 20-HP spindle Motor, Electrical Controls

1 – **SUNDSTRAND 6A AUTOMATIC PRODUCTION LATHE**, S/N 06-28 M#6026, 20 Spindle Speeds 90 to 1800 RPM, Air Collet Chuck, Front and Rear Slide, Vertical Slide, Coolant System, Percentage of Load Meter, 2-HP Hydraulic System, 40-HP Spindle Motor, 3/60/220-440, Electrical Controls

2 – **SENECA FALLS MODEL AR500 AUTOMATIC PRODUCTION LATHES**, S/Ns 15AR-844 **(1971)** M#3084, 25AR-844 M#12717, Spindle Speed Range 143 to 1300 RPM, Power Collet Chuck, Front and Rear Slides, Vertical Facing Slide, Overarm Support, Coolant System, Trabon Lubrication, 3-HP Hydraulic System, 25/50-HP Spindle Motor, Electrical Controls

COPY MILLING MACHINES

To be sold 1st Day, Tuesday, May 11th

1 – **DECKEL TYPE KF2 UNIVERSAL COPY MILLING MACHINE**, S/N 4492 M#13724, Fixed Work Table Size 9-3/4" x 27-1/2", Movable Table 17-3/4" x 17-3/4", Copy Table 16-7/8" x 23-5/8", Spindle Speeds 80 to 10,000 RPM, 1.8 KW Motor

1 – **DECKEL TYPE GK21 UNIVERSAL COPY MILLING MACHINE**, S/N 8952 M#13318, Work Table Size 8" x 14", Copy Table 12-1/2" x 17-3/4", Spindle Speed Range 475 to 20,000 RPM

TRACER MILL

To be sold 1st Day, Tuesday, May 11th

1 – **GORTON MODEL 2-30 AUTO-TRACE-MASTER VARIABLE SPEED VERTICAL TRACER MILLING MACHINE**, S/N 50438 M#13009, Table Size 12" x 54", Spindle Speed Range 0 to 3500 RPM, Feeds .0 to 4 IPM, True-Trace Model 1115 360° Tracer Head, With True-Trace Con-Trol Scan II Multimode Tracer Control System, 3-HP Hydraulic Unit

17 VERTICAL MILLS

To be sold 1st Day, Tuesday, May 11th

3 – **SOUTH BEND MODEL E.V.S. CHIPMASTER II 5-HP VARIABLE SPEED VERTICAL MILLING MACHINES**, S/Ns SE-36524 **(1993)** M#18663, SE-33920 **(1993)** M#18528, SE-33819 **(1993)** M#18527, Table Size 10" x 50", Spindle Speed Range 0 to 6000 RPM, Variable Power Feed Table, Digital RPM Readout, Anilam Wizard 100 2-Axis Digital Readout, One Shot Lubrication

1 – **CINCINNATI TOOLMASTER MODEL 1-D 2-HP VARIABLE SPEED VERTICAL MILLING MACHINE**, S/N 5531D5H-0058 M#12469, Table Size 10" x 42", Spindle Speed Range 85 to 3800 RPM, Feeds .75 to 15 IPR, Power Feed Table, Coolant System

1 – **CINCINNATI TOOLMASTER TYPE TM-MT 5 KW VARIABLE SPEED VERTICAL MILLING MACHINE**, S/N 6J2F57F131 **(1973)** M#13104, Table Size 12" x 49", Spindle Speed Range 80 to 3600 RPM, Feeds .0015 to .003 IPR, Power Feed Table, Bijur Lubrication

2 – **BRIDGEPORT 1-1/2-HP VARIABLE SPEED VERTICAL MILLS**, S/Ns 12BR173087 M#13656, 12BR173084 M#13655, Table 9" x 42", Spindle Speeds 60 to 4200 RPM, Bijur Lubrication, Sargon 2-Axis Digital Readout

1 – **EX-CELL-O STYLE 602 1-1/2-HP VARIABLE SPEED RAM TURRET VERTICAL MILLING MACHINE**, S/N 6028900 M#15988, Table 9" x 42", Spindle Speeds 85 to 4000 RPM, Table Feeds 0 to 30 IPM, Ex-Cell-O SCR Power Feed, Bijur Lube

2 – **EX-CELL-O 1-1/2-HP VARIABLE SPEED VERTICAL MILLING MACHINES**, S/Ns 6025390 M#13470, 6027348 M#13262, Table 9" x 42", Spindle Speeds 100 to 3800 RPM, Sargon 2-Axis Digital Readout, S/N 6025390 With No Motor

4 – **TREE 1-1/2-HP VARIABLE SPEED VERTICAL MILLS**, Table Size 10-1/2" x 48", Spindle Speeds 60 to 3300 RPM, Bijur Lube, (1) **MODEL 2UVRC**, S/N 10090 M#N/A, (3) **MODEL 2UVR**, S/Ns 9073 M#13040, 5900 M#N/A, 6087 M#8899, Sargon Prospector 2-Axis Digital Readout, S/N 9073 With 5" Column Riser

1 – **KEARNEY & TRECKER MILWAUKEE NO. 2 MODEL D ROTARY HEAD VERTICAL TOOL & DIE MILL**, S/N 4-540 M#30, Table 16" x 30", Spindle Speeds 250 to 4000 RPM, Rotary Head Feeds 1/5 to 3 RPM, Milling Feeds .0002 to .0080 IPM, Table Feeds 1/2 to 7-1/2 IPM

To be sold 2nd Day, Wednesday, May 12th

1 – **CINCINNATI TOOLMASTER MODEL 1-D VARIABLE SPEED VERTICAL MILLING MACHINE**, S/N 5531D511-0044 M#12472, Table 10" x 42", Spindle Speeds 85 to 3400 RPM, Feeds .75 to 15 IPM, 7" Column Riser, Bijur Lube

1 – **TREE 1-1/2 HP VARIABLE SPEED VERTICAL MILL**, M#9598, Table Size 10-1/2" x 42", Spindle Speeds 60 to 3300 RPM, Power Feed Table .75 to 7 IPM, Motor, Electrical Controls

BORING MILL

To be sold 1st Day, Tuesday, May 11th

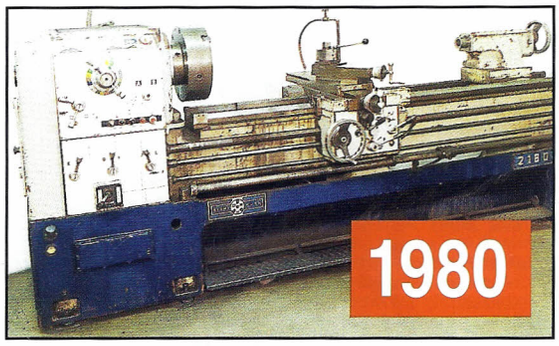
1 – **LUCAS 2-WAY TABLE TYPE PRECISION HORIZONTAL BORING, DRILLING & MILLING MACHINE**, S/N 41B0688 M#00816, Bar Size 3", Table 34" x 62", Spindle Speeds 13 to 1500 RPM, Feeds .0001 to .698 IPR, Longitudinal Table Travel 40", Cross Travel 58", Vertical Head Travel 30", Spindle Bar Travel 36", Trav-A-Dials, 10-HP Motor

HORIZONTAL & UNIVERSAL MILLS

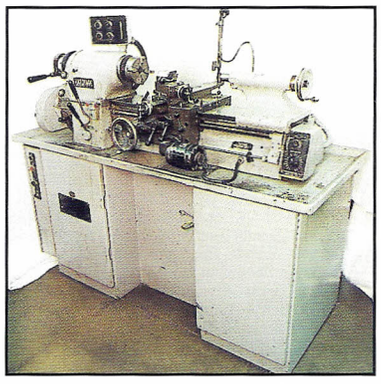
To be sold 1st Day, Tuesday, May 11th

1 – **KEARNEY & TRECKER MILWAUKEE MODEL K #2 UNIVERSAL HORIZONTAL MILLING MACHINE**, S/N 39-5487 M#31, Table 12" x 56", Spindle Speeds 15 to 1500 RPM, Feeds 1/4 to 60 IPM, Coolant

1 – **HITACHI-SEIKI TYPE 10KP-90 UNIVERSAL MILLING MACHINE**, S/N N-15199 M#13441, Table Size 13" x 61", Spindle Speed Range 12 to 1500 RPM, Feeds Longitudinal & Cross 0.4 to 120 IPM, Vertical 0.15 to 46 IPM, Maximum Cross Travel 12", Maximum Longitudinal Travel 36", Maximum Vertical Travel 16", With Hitachi-Seiki Type 2AV Vertical Milling Head



TA SHING ECON-TURN CROWN-4-2000A/2180
21" X 80" C.C. QUICK CHANGE GAP BED LATHES



HARDINGE HLV-H HI-SPEED
PRECISION DOVETAIL LATHE

11 MULTI-SPINDLE DRILLS

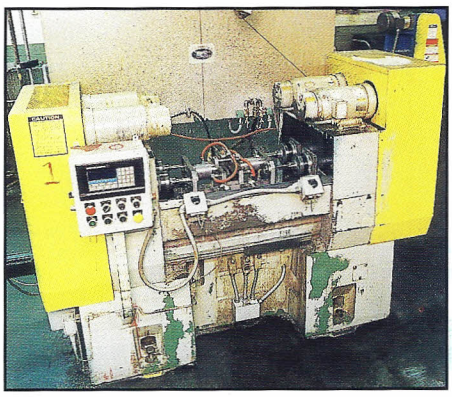
To be sold 1st Day, Tuesday, May 11th

2 – **NATCO MULTI-SPINDLE UPRIGHT DRILLS**, (1) **MODEL F1B-163**, S/N N/A M#16322, 24 Spindle Speeds 273 to 3077 RPM, (1) **MODEL H6**, S/N H6-1106 M#8682, 14 Spindle Speeds 472 to 2735 RPM, Natco Model K Power Table Feed, Both with Adjustable Spindles, Adjustable Table Size 32" x 18", Vertical Table Travel 20", Coolant System, Allen-Bradley Microprocessor Control, 15-HP Hydraulic System, Motor, Electrical Controls

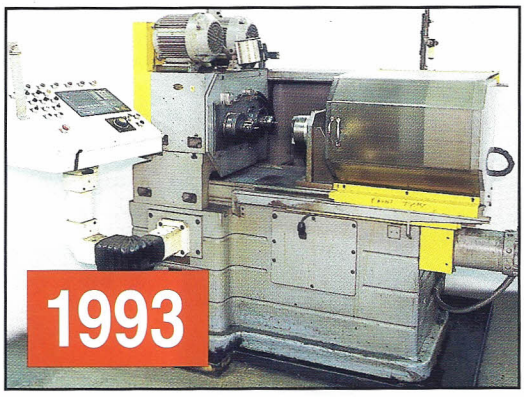
1 – **JARVIS 2700H MULTI-SPINDLE UPRIGHT DRILL**, S/N 534R M#15877, T-Slotted Adj. Table 10" x 10", Vertical Table Travel 2", Vertical Spindle Head Travel 12", Coolant, Motor, Controls

5 – **ROCKWELL/DELTA 17" 3-SPINDLE DRILLS**, S/Ns N/A M#789, N/A M#389, N/A M#N/A, Coolant Table Size 80" x 18", Spindles on 18" to 30" Centers, M#389 With Jarvis 2-Spindle Drill Heads, (2) Procunier No. 2 Tapping Attachments, Coolant System, 3/4-HP Motors, S/N 1600832 M#9576, Coolant Table Size 56" x 18", Spindles on 20" Centers, 1-HP Motors, S/N N/A M#13706, Coolant Table Size 65" x 18", Spindles on 24" Centers, Coolant System, 3/4-HP Motors, All with Electrical Controls

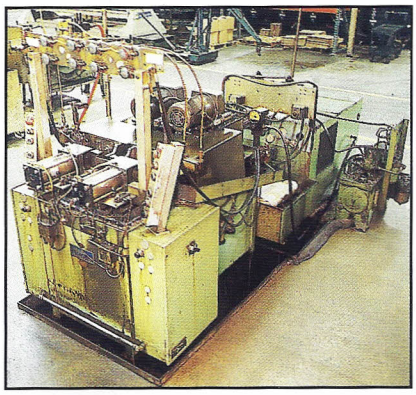
3 – **ROCKWELL/DELTA 17" 2-SPINDLE DRILLS**, M#9899, M#9640, M#100, Coolant Table 35" x 18", Spindles on 18" Centers, 3/4-HP Motors, S/N 93-7082 M#9211, Coolant Table 80" x 18", Spindles on 20" Centers, (1) Procunier No, 2 Tapping Attachment, (1) Air Power Feed Unit, 1-HP Motors, Both with Electrical Controls



1 OF 8 EX-CELL-O 4-SPINDLE PRECISION HYDRAULIC BORING MACHINES



1 OF 2 EX-CELL-O MODEL DB-112-C 2-SPINDLE PRECISION HYDRAULIC BORING MACHINES



MEGA M800-1815 2-SPINDLE HORIZONTAL GUN DRILL

OVER 70 PRODUCTION MAC

24 DIAL INDEX MACHINES

To be sold 1st Day, Tuesday, May 11th

1 – **MIKRON-HAESLER MULTIFACTOR-52 TYPE 50010 10-STATION DIAL INDEX PISTON MILLING-DRILLING-BORING MACHINE**, S/N 796528 **(1980)** M#16518, Stations: (1) Load/Unload, With Gas Automation Vibratory Parts Feeder, Inclined Cleated Conveyor, (2) Vertical and Horizontal Mill, (3-4) Horizontal Ream, (5) Vertical And Horizontal Mill, (6-7) Horizontal Boring, (8) Horizontal Burnish, (9) Vertical Mill, (10) Horizontal Mill, IBAG 7" x 120" Transfer Belt Conveyor, Knoll Type 450-SF Chip Conveyor, Digital Technologies Model 730 and 740 Electronic Controls

1 – **MIKRON-HAESLER MULTIFACTOR-52 TYPE 50012 6-STATION DIAL INDEX PISTON O.D. TURNING-GROOVING MACHINE**, M#16517, Stations: (1) Load/Unload, (2-5) O.D. Turn and Groove, 25-HP Hydraulic System, Knoll Type 450-SF Chip Conveyor, Digital Technologies Model 740 Electronic Control

1 – **KINGSBURY 9-STATION DIAL INDEX MILLING-DRILLING-BORING MACHINE**, S/N BT1263 M#13670, Stations: (1) Load/Unload, (2) Single-Spindle Horizontal Milling, (3-4) Multi-Spindle Horizontal Drilling, 3-Spindle Vertical Drilling, (5) Multi-Spindle Horiz. Tapping, Single Spindle Vertical Tapping, (6) 2-Spindle Horizontal, Drilling, (7) 2-Spindle Angle Tapping, Single Spindle Vertical Tapping, (8) Single Spindle Angle Tapping, 18-Station Indexing Table, Cyclomation Coolant Filter, Trabon Lube, 30-HP Hydraulic System

1 – **KINGSBURY 8-STATION DIAL INDEX BORING-REAMING-DRILLING MACHINE**, S/N BT1264 M#13714, Stations: (1) Load/Unload, (2) Single-Spindle Horizontal Boring, (3&5) Single Spindle Horizontal Reaming, (4) Single Spindle Horizontal Boring, With Single Spindle Vertical Drilling, (6) Single-Spindle Vertical Drilling, (7) Single-Spindle Vertical Reaming, (8-9) Single-Spindle Horizontal, 40" Diameter 18-Station Indexing Table, Cyclomation Coolant Filter, Trabon Lubrication, 10-HP Hydraulic System

1 – **KINGSBURY 8-STATION DIAL INDEX DRILLING-TAPPING MACHINE**, S/N BT1262 M#13671, Stations: (1) Load/Unload, (2) Multi-Spindle Horizontal Drilling, Single Spindle Vertical Drilling, (3) Multi-Spindle Horizontal Drilling, Single Spindle Vertical Tapping, (4) Multi-Spindle Horizontal Drilling, Multi-Spindle Vertical Drilling, (5) Single Spindle Angle Drilling, (6) Multi-Spindle Horizontal Tapping, With 2-Spindle Vertical Tapping, (7) Single-Spindle Vertical Tapping, With 2-Spindle Vertical Tapping, Cyclomation Coolant Filter, Trabon Lubrication, 30-HP Hydraulic System

1 – **KINGSBURY 7-STATION DIAL INDEX DRILLING-TAPPING MACHINE**, S/N BT1263 M#12452, Stations: (1) Load/Unload, (2) Single-Spindle Horizontal Milling, (3) Multi-Spindle Horizontal Drilling, With 3-Spindle Vertical Drilling, (4) Single-Spindle Horizontal Milling and Drilling, (5) Single-Spindle Angle Tapping, (6) Multi-Spindle Horizontal Tapping, (7) Single-Spindle Vertical Tapping, 30" Diameter 9-Station Indexing Table, Coolant System, 20-HP Hydraulic System

1 – **WISCONSIN SPECIAL 8-STATION INDEX DRILLING-TAPPING-REAMING MACHINE**, S/N PE-44551 M#13965, Stations: (1) Load/Unload, (2) Multi-Spindle Horizontal Drill, (3) Multi-Spindle Vertical Drill, (4) Single Spindle Angle Drill, (5&8) Single Spindle Angle Tap, (6) 2-Spindle Angle Tap, (7) 2-Spindle Vertical Tap, 40" Dia. 16-Station Indexing Table, Cyclomation Coolant Filter, Trabon Lube

1 – **KEY PRODUCTS 8-STATION DIAL INDEX MILL-DRILL-TAP MACHINE**, S/N N/A M#18385, Stations: (1) Load/Unload, (2) Single Spindle Vertical Mill, (3) Multi-Spindle Horizontal Drill, (4) 2-Spindle Vertical Drill, (5) 3-Spindle Horizontal Drill, (6) 2-Spindle Horizontal Drill, (7) Multi-Spindle Horizontal Tap, (8) Multi-Spindle Vertical Tap, Indexing Table, 10-HP Hydraulic System, Cyclomation Chip Conveyor, Cyclomation Coolant Filter

1 – **KEY PRODUCTS 8-STATION DIAL INDEX MILL-DRILL-REAM-BORE MACHINE**, S/N K-7692 M#18448, Stations: (1) Load/Unload, (2) 1-Spindle Horizontal Mill, (3) 2-Spindle Horizontal Drill, (4) 2-Spindle Horizontal Ream, (5) Multi-Spindle Horizontal Drill, (6) Multi-Spindle Horizontal Tap, (7-8) 1-Spindle Horizontal Bore, Indexing Table, 10-HP Hydraulic System, Cyclomation Chip Conveyor, Cyclomation Coolant Filter

1 – **WISCONSIN SPECIAL 5-STATION INDEX DRILLING-REAMING-TAPPING MACHINE**, S/N N/A M#13736, Stations: (1) Load/Unload, (2) Multi-Spindle Horizontal Drill, With 1-Spindle Vertical Tap, (3) 2-Spindle Horizontal Reaming, (4) Multi-Spindle Horizontal Drill, With 1-Spindle Vertical Drill, (5) 2-Spindle Horizontal Tap, 1-Spindle Vertical Tap, Coolant System Cyclomation Coolant Filter

1 – **7-STATION DIAL INDEX HORIZONTAL DRILLING-BORING-MILLING-TAPPING MACHINE**, M#18451, Stations: (1) Load/Unload, (2) 3-Spindle Horizontal Drill, (3) 2-Spindle Horizontal Tap, (4&6) 1-Spindle Horizontal Milling, (5) Multi-Spindle Horiz. Tap, (7) 1-Spindle Horiz. Boring, 32" 8-Station Indexing Table, Trabon Lube, 5-HP Hydraulic System, Cyclomation Chip Conveyor, Cyclomation Coolant Filter

1 – **WISCONSIN SPECIAL 6-STATION DIAL INDEX DRILLING-TAPPING-REAMING MACHINE**, S/N 44179 M#13737, Stations: (1) Load/Unload, (2) 2-Spindle Horizontal Drill, 4-Spindle Vertical Drill, (3) 2-Spindle Horizontal Reaming, 1-Spdl. Vert. Drill, (4) 2-Spindle Horizontal Tap, 1-Spindle Vertical Drill, (5) 2-Spindle Vertical Reaming, (6) 2-Spindle Vert. Tapping, Cyclomation Coolant Filter

2 – **KEY PRODUCTS 6-STATION DIAL INDEX DRILLING-TAPPING MACHINES**, S/N K-9468 M# 18510, Stations: (1) Load/Unload, (2) Multi-Spindle Horizontal Face, (3) Multi-Spindle Drill, (4) Multi-Spindle Vertical Tap, (5) Multi-Spindle Horizontal Drill, (6) 2-Spindle Vertical Tap, Rex Lubriquip Lubrication, S/N N/A M#18509, Stations: (1) Load/Unload, (2) Multi-Spindle Horizontal Drill, (3) Multi-Spindle Tap, (4) 1-Spindle Vertical Drill, (5) 1-Spindle Angle Counter Sink, (6) 2-Spindle Vertical Tap, With 1-Spindle Angle Tap, Both with 42" 6-Station Indexing Table, Cyclomation Media Coolant Filter, Coolant System, 5-HP Hydraulic System

1 – **WISCONSIN SPECIAL 6-STATION DIAL INDEX DRILL-REAM-TAP MACHINE**, M#6251, Stations: (1) Load/Unload, (2) Multi-Spindle Horizontal Drill, (3&5) Multi-Spindle Ream, (4) Multi-Spindle Drill, (6) Multi-Spindle Tap, Indexing Table, Coolant

2 – **WISCONSIN SPECIAL 6-STATION DIAL INDEX DRILL-REAM-FACE-TAP MACHINES**, S/Ns PE-47865 M#16251, PE-48236 M#16250, Stations: (1) Load/Unload, (2) Multi-Spindle Horizontal Drill, (3&5) Multi-Spindle Ream, (4) Multi-Spindle Drill, (6) Multi-Spindle Tap, Indexing Table, Coolant System

1 – **KEY PRODUCTS 6-STATION DIAL INDEX DRILL-BORE-MILL MACHINE**, S/N 9156 M#18481, Stations: (1) Load/Unload, (2) Vertical Drill And Mill, (3) Horizontal Ream, (4&6) Horizontal Boring, (5) Horizontal Mill, Indexing Table, Cyclomation Media Type Coolant Filter, Coolant System, 5-HP Hydraulic System, Trabon Lube, Indramat Trans-01 Microprocessor Control, Mini-Safe Infrared Safety Curtain

1 – **KEY PRODUCTS 5-STATION DIAL INDEX BORING AND FINISHING MACHINE**, S/N K-9564 M#18495, Stations: (1) Load/Unload, (2-5) Boring, 42" 6-Station Indexing Table, Cyclomation Media Coolant Filter, Coolant System, 5-HP Hydraulic System

1 – **5-STATION DIAL INDEX DRILLING AND TAPPING MACHINE**, M#13738, Stations: (1) Load/Unload, (2-3) 1-Spindle Vertical Drill, (4-5) 1-Spindle Vertical Tap, 40" 6-Station Indexing Table, Cyclomation Media Coolant Filter, Coolant, 5-HP Hydraulic System

1 – **LASALLE MODEL W-8019 5-STATION DIAL INDEX MILLING-DRILLING-BORING MACHINE**, S/N N/A M#13669, Stations: (1) Load, With Vibratory Feeder, (2) 1-Spindle Horizontal Facing, (3-4) 2-Spindle Milling and Boring, (5) Unload, 5-HP Hydraulic System, Chip Conveyor, Coolant System

1 – **HAGEN & GOBEL TYPE HG-16E-C 4-STATION DIAL INDEX DRILL-TAP MACHINE**, S/N 1947X16, (1) Load/Unload, (2) 1-Spindle Horizontal Drill, (3-4) Multi-Spindle Vertical Drill, 34" 4-Station Index Table, Coolant System

1 – **WISCONSIN SPECIAL 4-STATION DIAL INDEX DRILLING-TAPPING MACHINE**, S/N N/A M#15975, Stations: (1) Load/Unload, (2-4) Multi-Spindle Drill, 32" 4-Station Indexing Table, 5-HP Hydraulic System, Coolant System

1 – **3-STATION DIAL INDEX DRILLING-TAPPING MACHINE**, S/N N/A M#13718, Stations: (1) Load/Unload, (2) Multi-Spindle Vertical Drill, (3) Multi-Spindle Vertical Tap, 26" 6-Station Indexing Station, Coolant System

19 BORING MACHINES

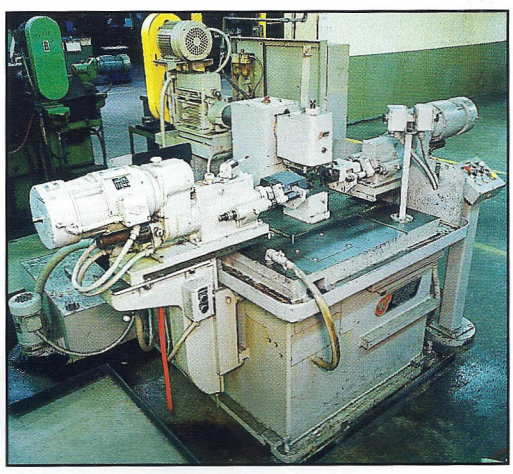
To be sold 1st Day, Tuesday, May 11th

10 – **EX-CELL-O 4-SPINDLE OPPOSED PRECISION HORIZONTAL HYDRAULIC BORING MACHINES**, (2) **MODEL 752**, S/Ns N/A, M#12981, M#13338, T-Slotted Table 25" x 16", Table Travel 48", 5-HP Spindle Motors, (3) **MODEL 742**, S/N 98PED2 M#18695, S/Ns N/A M#18696, M#18967, T-Slotted Table 25" x 16", Table Travel 32", Fauver Lubrication, Chip Conveyor, 5-HP Spindle Motors, Allen Bradley Microprocessor Control, (1) **MODEL 732**, S/N N/A M#18490, T-Slotted Table 21" x 13", Table Travel 36", Air Collet Chuck, Coolant System, 5-HP Spindle Motors, (1) **MODEL DB-17**, S/N 1533, T-Slotted Table 25" x 16", Table Travel 36", 3-HP Spindle Motors, (2) **MODEL DB-1212-A**, S/Ns 21034 M#6148, 20638 M#8088, T-Slotted Table 21" x 13", Table Travel 24", 7-1/2 HP Spindle Motors, (1) **MODEL DB-215-A**, S/N 3452 M#107, T-Slotted Table 25" x 16", Table Travel 36", 3-HP Spindle Motors, All with Air Collet Chuck, Coolant, Controls

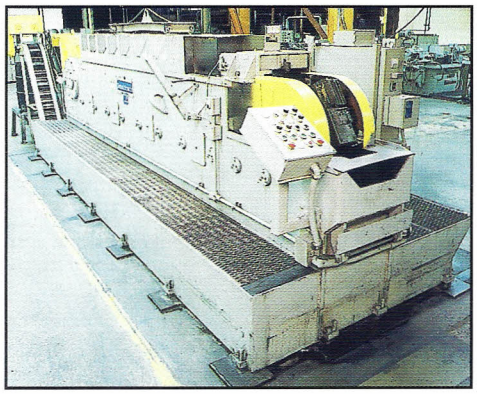
4 – **EX-CELL-O 2-SPINDLE PRECISION HORIZONTAL HYDRAULIC BORING MACHINES**, (1) **MODEL 751**, S/N N/A M#12467, T-Slotted Table 21" x 16", Table Travel 24", Vertical Slide Tools, Vertical Slide Travel 6", 10-HP Spindle Motors, 10-KVA, (1) **MODEL 745**, S/N N/A M#16413, T-Slotted Table 25" x 16", Spindle Head Travel 24", 5-HP Spindle Motors, Carborundum Delpack Disposable Media Coolant Filter, M#16144, (2) **MODEL DB-17-A**, S/Ns 752003 M#13273, 4725 M#13259, T-Slotted Table 25" x 16", Table Travel 42", 3-HP Spindle Motors, All with Air Collet Chuck, Coolant System, Electrical Controls

5 – **EX-CELL-O 2-SPINDLE PRECISION HORIZONTAL HYDRAULIC BORING MACHINES**, (2) **MODEL DB-112**, S/Ns 50222, 5493 M#500, (2) **MODEL DB-112-C**, S/Ns 50136 **(1983)** M#16642, 5537 **(1993)** M#18533, Infinitely Variable Spindle Speeds, Offset Boring Heads, Bijur Automatic Lubrication, Fagor Programmable Control, (1) **MODEL DB-112-D**, S/N 50535 M#13245, All with T-Slotted Table Size 25" x 16", Table Travel 32", Air Collet Chuck, Coolant System, 3-HP Spindle Motors, Electrical Controls

Please See DIRECTIONS TO SALE On Page 14



1 OF 3 WISCONSIN SPECIAL 6-STATION DIAL INDEX DRILL-REAM-TAP MACHINES



DETROIT MODEL CH120 5-TON 42" CONTINUOUS BROACHING MACHINE

HINE TOOLS

16 PRODUCTION MILLS

To be sold 1st Day, Tuesday, May 11th

6 – **NICHOLS TWIN-MILL MODEL TM OPPOSED SPINDLE HORIZONTAL PRODUCTION MILLS**, S/Ns 76695 M#13623, 76696 M#13643, 76697 M#13643 **(ALL 1976)**, 78725 M#15894, 78728 M#13544 **(BOTH 1978)**, 72725 M#15669 **(1972)**, Table Size 10" x 36", Table Travel 30", Cross Spindle Head Travel 6", Longitudinal Spindle Head Travel 8", 5 Spindle Speeds 700 to 2050 RPM, Air Clamping, 3-HP Spindle Motors, Electrical Controls

1 – **NICHOLS MODEL 12-SA HORIZONTAL PRODUCTION MILL**, S/N 10N9265 M#13275 **(1974)**, Table Size 10" x 36", Table Travel 30", Cross Spindle Head Travel 6", Longitudinal Spindle Head Travel 8", 5 Spindle Speeds 700 to 2050 RPM, Air Clamping, 3-HP Spindle Motors, Electrical Controls

3 – **SUNDSTRAND RIGIDMILL HORIZONTAL PRODUCTION MILLS**, (2) **NO. 1**, S/Ns 31-1795 M#9741, 31-1820 M#733, Table Size 10-1/2" x 46", 22 Spindle Speeds 40 to 2400 RPM, 5-HP Spindle Motor, (1) **NO. 0**, S/N 40-692, Table Size 8" x 46", 17 Spindle Speeds 25 to 1200 RPM, Coolant System, 1-HP Spindle Motor, Both with Longitudinal Table Travel 32", Vertical Spindle Head Travel 16", Overarm Support, Electrical Controls

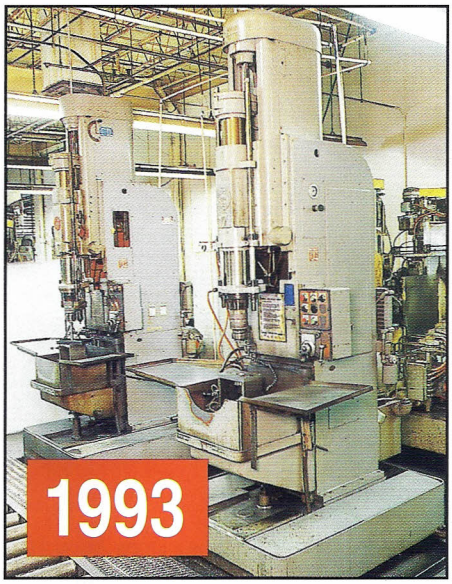
1 – **BARKER MODEL AMD OPPOSED SPINDLE HORIZONTAL PRODUCTION MILL**, S/N 1367 M#15434, Table Size 2-3/4" x 21", Table Travel 15", Longitudinal Spindle Head Adjustment 3", Cross Spindle Head Adjustment 5", Air Table Feed, Vertical Spindle Head Adjustment 6", 2-HP Spindle Motors, Electrical Controls

1 – **CINCINNATI NO. 0-12 HORIZONTAL PRODUCTION MILL**, S/N 31401C73-0005 M#12986, Table 6-3/4" x 27", Table Travel 18", 20 Speeds 80 to 3000 RPM, Coolant, 1-HP Spdl. Motor, Controls

1 – **MONARCH 4-SPINDLE OPPOSED SPINDLE HORIZONTAL PRODUCTION MILL**, S/N 50877 M#12384, Table Size 10" x 50", Max. Cross Spindle Head Adjustment 10", Max. Distance Between Spindles 60", (2) 10-HP Milling Spindles, (2) 3-HP Drilling Spindles, Coolant System, 7-1/2 HP Hydraulic System, Electrical Controls

2 – **STUHR 4-SPINDLE OPPOSED HORIZONTAL MILLING AND DRILLING MACHINES**, S/Ns 75-4010 M#13624, 75-006 M#13362, (2) Horizontal Milling Heads, (2) Horizontal Drilling Heads, Coolant System, 3-HP Hydraulic System, Electrical Controls

1 – **NICHOLS NO. 0 HAND MILL**, M#524, Table Size 7"x 32", Controls



2 of 5 MICROMATIC MODEL H-728 VERTICAL HONING MACHINES

11 PRODUCTION DRILLS

To be sold 1st Day, Tuesday, May 11th

1 – **McCULLOCH 3-SPINDLE HORIZONTAL DRILLING MACHINE**, M#16573, Air and Electrical Controls

2 – **REYNOLDS 4-SPINDLE HORIZONTAL DRILLING MACHINES**, M#18651, M#18685, Drill Feed Head, With 4-Spindle Drill Head, Coolant Table Size 60" x 24", Coolant System, Palm Buttons, Air and Electrical Controls

1 – **REYNOLDS 2-STATION DRILLING AND TAPPING MACHINE**, M#18551, Vertical and Horizontal Drill Feed Head Per Station, Coolant System, Electrical Controls

1 – **McCULLOCH 1-SPINDLE HORIZONTAL PRECISION DRILLING MACHINE**, Sugino Selfeeder Drill Unit, Air Clamping, Steel Frame Stand

1 – **McCULLOCH MULTI-SPINDLE HORIZONTAL DRILLING MACHINE**, M#16716, (1) 4-Spindle Drill, (1) Single Spindle Drill, (1) Single Spindle Counterbore, Air Feed, Coolant System, Air and Electrical Controls

1 – **McCULLOCH MULTI-SPINDLE DRILLING MACHINE**, M#16570, (1) Max Drill Feed Head, With 3-Spindle Drill Head, (2) Vertical Single Spindle Drill Feed Heads, Coolant System, Air and Electrical Controls

1 – **PRECISION 2-SPINDLE HORIZONTAL DRILLING MACHINE**, M#7329 Dumore No. 20-031 Model 8530 Auto Drill Heads, Air Feed, Air and Electrical Controls

2 – **BARRETT MULTI-SPINDLE DRILLING MACHINES**, M#18486, M#18487, (1) Horizontal Drill Feed Head, With Berger 4-Spindle Drill Head, (1) Desouter 1-Spindle Vertical Feed Head, Coolant System, Electrical Controls

1 – **McCULLOCH 1-SPINDLE PRECISION HORIZONTAL DRILL**, M#18681, Newtric Selfeeder Drill Unit, Air Clamping, Steel Frame Table, Air and Electrical Controls

4 GUN DRILLS

To be sold 1st Day, Tuesday, May 11th

1 – **DEHOFF 2-SPINDLE HORIZONTAL GUN DRILL**, S/N 1312 M#12704, Spindle Head Travel 12", T-Slotted Table Size 25" x 20", 25-HP Hydraulic System, 7 1/2-HP Spindle Motor, IPM Meter, Mist Collector and Coolant Filter, Coolant System

2 – **BOREMATION DRLLMATIC HORIZONTAL GUN DRILLS**, Head Travel 10", IPM Meter, Percentage Load Meter, T-Slotted Table Size 17" x 11", 7 1/2-HP Hydraulic Unit, 5-HP Spindle Motor

1 – **MEGA M800-1815 2-SPINDLE HORIZONTAL GUN DRILL**, S/N 289 M#18329, Air Clamping, Hydraulic Feed, Head Travel 9", Mega Mist Coolant Collector & Media Filter, 2-HP Hydraulics

16 HONES

To be sold 1st Day, Tuesday, May 11th

1 – **SUNNEN MODEL MBB1290D PRECISION HONING MACHINE**, S/N 15314 M#8819, Table Size 19" x 24", 3" Stroke, 1/2-HP Motors, With Stones & Mandrels

5 – **MICROMATIC MODEL H-728 VERTICAL HONING MACHINES**, S/Ns 156.M#18530, 164 M#18653, Both Rebuilt By General Hone **(11/1993)**, Table Size 16" x 18", Cuno Filter, S/Ns N/A.M#12749, M#12801, M#18455, Table Size 28" x 18", Shelco Filter, All with Maximum Stroke 12", 15-HP Hydraulic System, Electrical Controls

1 – **MICROMATIC MODEL H-726 VERTICAL HONING MACHINE**, S/N 184.M#18455, Maximum Stroke 13", Table Size 16" x 16", 15-HP Hydraulic System, Electrical Controls

2 – **MICROMATIC 3HH VERTICAL HONING MACHINES**, S/Ns H79124 M#16382, H79123 M#16383, Maximum Stroke 12", Table Size 28" x 18", Shelco Filter, 3-HP Hydraulic System, Controls

2 – **MICROMATIC HYDROHONER MODEL 150 VERTICAL HONING MACHINES**, S/Ns 187 M#12442, 186 M#12441, Air Feed, Moore Air Flow Gage, Cycle Timer, Frostrode Coolant Filter, Barnesdrill Magnetic Coolant Separator, Fauver Lubrication, Self Contained Hydraulic System, Motor in Base, Electrical Controls

2 – **BARNESDRILL 2H-15 VERTICAL HONING MACHINES**, S/Ns ZP-10635 M#12706, ZP-10634 M#12705, Coolant, Magnetic Coolant Separator and Fume Collector, Motor in Base, Controls

2 – **FLEXHONE 2-STATION HORIZONTAL HONING MACHINES**, S/Ns N/A M#13166, M#13102, Spindles on 13" Centers, Variable Spindle Speeds, Boston Gear Ratiotrol Solid State Speed Control, Cycle Timer, Barnes Drill Disposable Media Coolant Filter, M#3005, Motor, Electrical Controls

To be sold 2nd Day, Wednesday, May 12th

1 – **SUPERIOR HONE MODEL VBHD VERTICAL PRECISION HONING MACHINE**, S/N 759111 M#13561, Table Size 18" x 24", Stroke 42", Gusher Coolant Pump, Pendant Control With Timer

BROACHES

To be sold 1st Day, Tuesday, May 11th

1 – **DETROIT CH120 5-TON 42" CONTINUOUS BROACHING MACHINE**, S/N M-795042, M16373, Chain Speed 30.11 FPM, 39.8 Seconds Per Revolution, 101-1/4" Between Spindles, (2) Coolant Pumps, 20-HP Drive Motor, % of Load Meter, Mayfran Inclined Chip Conveyor, Hytrol Inclined Parts Conveyor

1 – **DETROIT CONTINUOUS BROACHING MACHINE**, S/N M-795049, M16378, 25-HP Drive Motor, % of Load Meter

PRODUCTION MACHINES

To be sold 1st Day, Tuesday, May 11th

1 – **McCULLOCH 4-SPINDLE HORIZONTAL DRILL**, S/N N/A M#18520, Soleck Spindle Feed Head, Coolant System

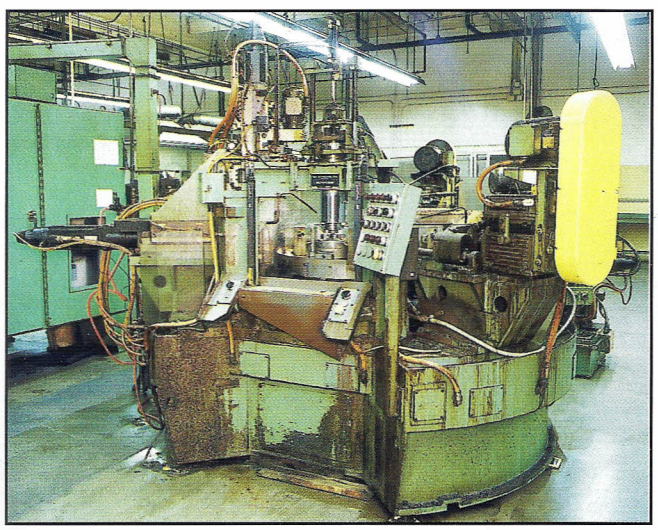
1 – **McCULLOCH 2-STATION MILL-DRILL-TAPPING MACHINE**, M#18684, (1) Soleck Max-3 Vertical Milling Feed Head, (1) Soleck Vertical Multi-Spindle Tapping Feed Head, (2) Soleck Horiz. 1-Spindle Drill Feed Head, Coolant System, Air Clamping

4 – **WISCONSIN WIS-MATIC 3-HEAD HORIZONTAL MILLING AND SLOTTING MACHINES**, S/Ns 5U-48556-1 M#16254, 5U-48556 M#16253 **(BOTH 1979)**, 5U-45160 M#13539, 5U-126 M#12898, (1) Horizontal Facing Spindle, (1) Horizontal Spindle, With Vertical Slotting Attachment, Spindle Speed Range 222 to 1201 RPM, 3-HP Motors, Coolant System, Cross Head Adjustment 24", Long Facing Head Adjustment 16", Spindle Brakes, Coolant Filters

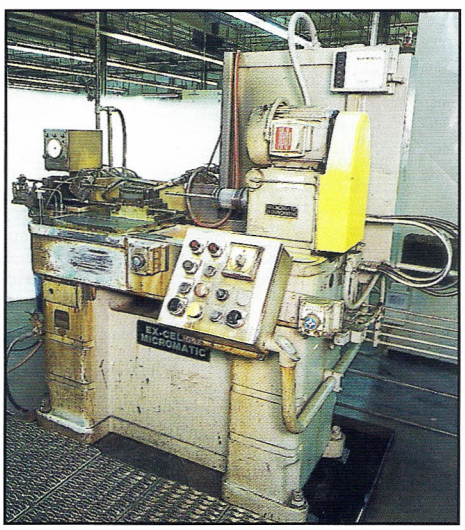
1 – **REYNOLDS DUAL OPPOSED SPINDLE HORIZONTAL DRILL**, (2) Sunnen Monomaster 2.44-KW Drill Feed Heads, Coolant System, (1) Table 24" x 24", (1) Table 24" x 80"

1 – **2-STATION WRIST PIN INSERTION MACHINE**, M#18682, Air Press, Woodframe Table

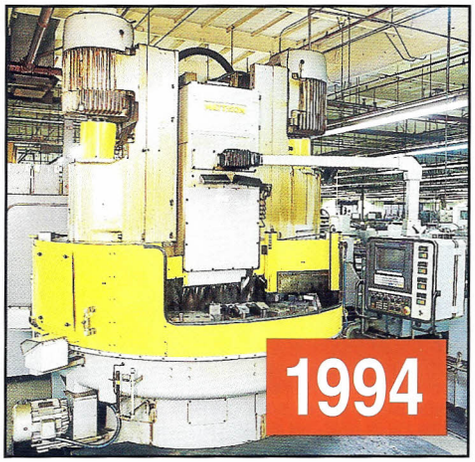
1 – **ASSEMBLY PRESS**, M#18686, With Syntron Type EBOOE Vibratory Parts Feeder, Steel Frame Bench



KEY PRODUCTS 6-STATION DIAL INDEX DRILL-BORE-MILL MACHINE



1 OF 2 MICROMATIC MODEL 3HH VERTICAL HONING MACHINES



MATTISON 4-SPINDLE CNC
ROTARY SURFACE GRINDER

CNC ROTARY SURFACE GRINDER

To be sold 1st Day, Tuesday, May 11th

1 – **MATTISON 4-SPINDLE CNC ROTARY SURFACE GRINDER**, S/N 72E220 **(1994)**, M#18551, Indexing Table, Independent Operator Consoles, Coolant System, Allen-Bradley Series 9 CNC Control, Amsted CRT, Hydromation Media Type Coolant Filter, Electrical Controls

ROTARY SURFACE GRINDERS

To be sold 1st Day, Tuesday, May 11th

1 – **WADKIN 10-STATION VERTICAL SPINDLE ROTARY SURFACE GRINDER**, S/N LHR-177 M#13869, Spindle Speeds 1000 To 6000-RPM, 3-HP Hydraulic System, 3-HP Table Drive, Cross Column Travel on Base 8", Vertical Spindle Head Travel on Column 8", Indexing Table Size 54" Diameter, Electrical Controls

1 – **DANLY-ONSRUD TYPE MM-48 DIAL INDEX VERTICAL SPINDLE ROTARY SURFACE GRINDER**, S/N 797494-1, 16-Station Dial Indexing Table Size 48" Diameter, 20-HP Wheel Motor, Electrical Controls

1 – **BLANCHARD MODEL 26H-D-48 48" VERTICAL ROTARY SURFACE GRINDER**, S/N 15289 **(1979)** M#16411, 48" Diameter Electro-Magnetic Chuck, 26" Segmented Grinding Wheel, Wheel RPM 576, 75-HP Motor, Barnes Drill Model P-50 Paper Type Filter/Separator, Coolant System, Trabon Lubrication

CHUCKING GRINDER

To be sold 1st Day, Tuesday, May 11th

1 – **WARNER & SWASEY NO. 2 CHUCKER GRINDER**, S/N 29143 M#13409, Actual Swing 16", Max. Wheel 4" x 30" Dia., Coolant, Marposs Electronic Gaging, Lubrication, Truing, Joystick Control, Air Collet Chuck, W & S Model GP-1 Electronic Digital Control, Barnes-Drill Model MPE-15 Media/Magnetic Cool Separator

FACE GRINDERS

To be sold 1st Day, Tuesday, May 11th

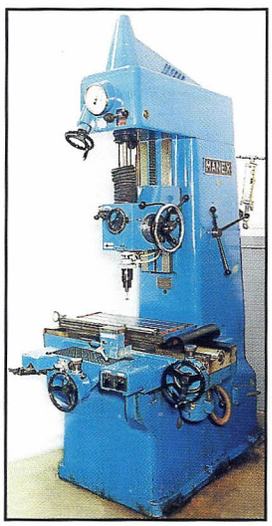
1 – **GARDNER 3DG2-23 OPPOSED SPINDLE FACE GRINDER**, S/N N/A M#13853, Work Holding Fixture 30" Dia., Coolant System, Cycle Timer, Barnes Drill MPE-15 Media/Magnetic Coolant Separator, S/N TCSP-5492, M13894

1 – **GARDNER OPPOSED SPDL. FACE GRINDER**, M#12443, 30" Diameter Work Holding Fixture, Magazine Loader, Barnes Drill Media Coolant Filter

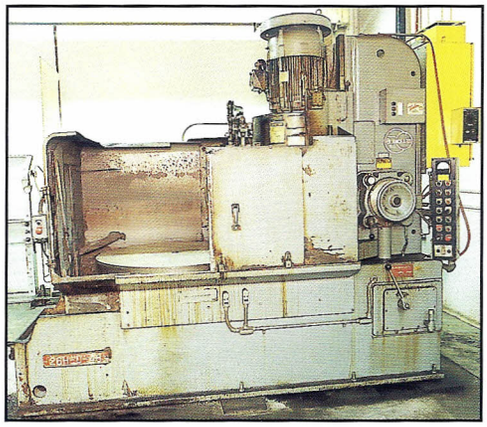
SHAPER

To be sold 1st Day, Tuesday, May 11th

1 – **CINCINNATI 16" HEAVY DUTY TOOLROOM SHAPER**, S/N 27476 M#6102, Speeds 11 to 138 SPM, Stroke 16", Table Size 13" x 15" x 13", With 15" Shaper Vise



MANEX NO. 2 OPTICAL
JIG BORER & GRINDER



BLANCHARD MODEL 26H-D-48 48"
VERTICAL ROTARY SURFACE GRINDER

16 ANGLE HEAD CYLINDRICAL GRINDERS

To be sold 1st Day, Tuesday, May 11th

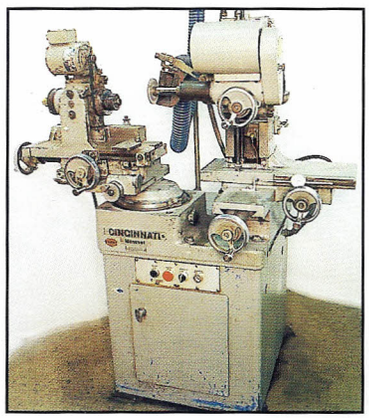
6 – **LANDIS TYPE 3R 10" x 24" CC PLAIN HYDRAULIC ANGLE HEAD CYLINDRICAL GRINDERS**, S/Ns 848-8 M#12897, 848-7 M#12896, 848-24 M#13394, 848-23 M#13393, 848-26 M#13400, 848-25 M#13399, Max. Wheel 6" x 30" Diameter, Power Tailstock, Truing, Marposs Electronic Gaging, Infinitely Variable Dwell, Bijur Lubrication, Approach/Fast/Medium/Micro Set Point Feed Rates, Coolant System, Percentage of Load Meter, Cycle Timers, 3/60/480, Barnes Drill MPE 15 Magnetic/Media Coolant Separator

2 – **TOYODA TYPE 45 MGOA5 32" x 32" C.C. PLAIN HYDRAULIC ANGLE HEAD CYLINDRICAL GRINDERS**, S/Ns TG1289-4 M#16187, TG1289-5 M#16188 **(BOTH 1979)**, Maximum Wheel Size 24" Diameter x 4", Width .0787", Maximum Wheel Speed 8,858-RPM, No Load Speed 1400-RPM, Rough & Finish Grinding Infeed, Motorized Work Head, Marposs Electronic Gaging, 10-HP Hydraulic System, Truing, Cycle Timers, Chuba Type CCT Coolant System, S/N CCT-815 (79) M#16200, Magnetic Coolant Separator

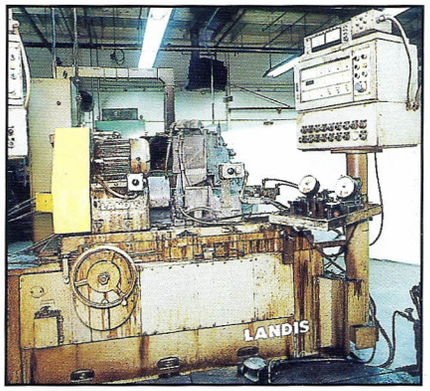
4 – **TOYODA 32" x 63" C.C. PLAIN HYDRAULIC ANGLE HEAD CYLINDRICAL GRINDERS**, (2) **TYPE 45M6**, S/Ns TG1338-1 M#16189, TG1322-3 M#16190 **(BOTH 1979)**, (2) **TYPE 45MG006**, S/Ns TG1367-5 M#16368, TG1314-2 M#16367 **(BOTH 1980)**, Power Tailstock, All wiyh Hydrostatic Spindle Bearings, Maximum Wheel Size 29.9" Diameter, Width .984", Maximum Wheel Speed 8,858-RPM, No Load Speed 1400-RPM, Rough and Finish Grinding Infeed, Motorized Work Head, Marposs Electronic Gaging, 10-HP Hydraulic System, Truing, Cycle Timers, CNK Model CCT Coolant Filter, S/Ns CCT-816 M#16211, CCT-816-2 M#16199 and S/Ns 625 M#16371, 925 M#16372

1 – **WARNER & SWASEY-NORTON 10X18-CV4 10" x 18" C.C. PLAIN HYDRAULIC ANGLE HEAD CYLINDRICAL GRINDER**, S/N 29105 M#13343, Maximum Wheel Size 24" Diameter x 2", Power Tailstock, Marposs Electronic Gaging, Motorized Work Head, Coolant System, Lubrication, Truing, Air Collet Chuck, Barnes-Drill MPE-15 Media/Magnetic Cool Separator, S/N TCSP-5590 M#13887

3 – **NORTON 10" x 18" C.C. PLAIN HYDRAULIC ANGLE HEAD CYLINDRICAL GRINDERS**, (2) 10X18CV5, S/Ns 28497 M#12591, 28496 M#12592, Barnes-Drill MPE-15 Media/Magnetic Coolant Separator, S/Ns TCSP-5411 M#12797, TCSP-5389 M#13911, (2) 10X18CV4, S/N 27248 M#9438, Barnes-Drill Kleenall Media/Magnetic Coolant Separator, M#13915, All with Maximum Wheel Size 24" Diameter x 2", Power Tailstock, Marposs Electronic Gaging, Motorized Work Head, Coolant System, Lubrication, Truing, Air Collet Chuck



CINCINNATI MONOSET MODEL
MT TOOL & CUTTER GRINDER



1 OF 6 LANDIS TYPE 3R 10" x 24" CC
HYDRAULIC CYLINDRICAL GRINDERS

CYLINDRICAL GRINDERS

To be sold 1st Day, Tuesday, May 11th

1 – **CINCINNATI MILACRON SERIES R-77 UNIVERSAL CYLINDRICAL GRINDING MACHINE**, S/N 27692 **(1976)** M#13526, Distance C.C. 31", Maximum Swing 10", 16" Grinding Wheel, 9-1/4" Diameter Permanent Magnetic Hydraulic Chuck, Filter & Coolant Systems, Micrometer Fine Feed, 4-HP Wheelhead Motor, 1-HP Workhead Motor

1 – **TOYODA TYPE GUP30X100 UNIVERSAL CYLINDRICAL GRINDER**, S/N LG343-2 **(1974)** M#13288, Distance C.C. 40", Max. Swing 12", Spindle Speeds 20 to 300 RPM, 14" Grinding Wheel, 4-HP Wheelhead Motor, 1/2-HP Workhead Motor, 1-HP I.D. Spindle, Hydraulic & Coolant Systems

8 SURFACE GRINDERS

To be sold 1st Day, Tuesday, May 11th

1 – **GALLMEYER & LIVINGSTON/GRAND RAPIDS MODEL 563 14" X 36" HYDRAULIC SURFACE GRINDER**, S/N 563168 **(1970)** M#12639, Magna-Lock 14" x 36" Electro-Magnetic Chuck, 14" Grinding Wheel, Incremental Down Feed, Hydraulic & Coolant Systems

1 – **BROWN & SHARPE MODEL 1030 MICROMASTER 10" X 30" HYDRAULIC SURFACE GRINDER**, S/N 523-1030-275 M#12580, Magna-Lock 10" x 30" Electro-Magnetic Chuck, 10" Grinding Wheel, Hydraulic & Coolant Systems

2 – **HARIG SUPER 618 6" X 18" HYDRAULIC SURFACE GRINDERS**, S/Ns 1717-18 M#13511, 1716-18 M#13512, Permanent 6" x 18" Magnetic Chuck, Fine Feed Micrometer Down Feed, Harig 1-HP 2850 RPM Spindle Motor

1 – **REID 2-C 6" X 18" HAND FEED SURFACE GRINDER**, S/N 0007 M#13123, Magna-Lock 6" x 12" Electro-Magnetic Chuck, Ex-Cell-O 1-HP 3600 RPM Spindle Motor

1 – **COVEL 6" x 18" HAND FEED SURFACE GRINDER**, S/N N/A M#7557, 4" x 8" Permanent Magnetic Vise, Controls

1 – **NORTON TYPE T.S. 10" X 16" HAND FEED SURFACE GRINDER**, S/N 11247 M#12189, Walker 10" x 15" Permanent Magnetic Chuck, 1-1/2-HP 3450 RPM Spindle Motor, One-Shot Lubrication

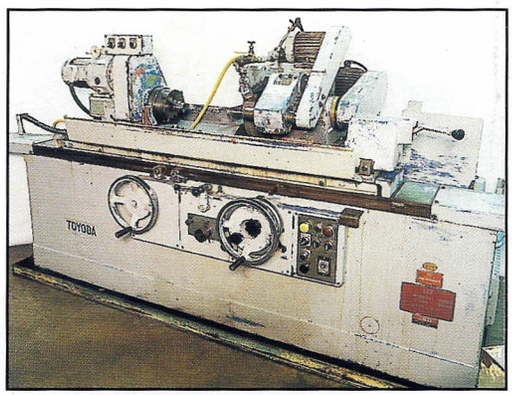
To be sold 2nd Day, Wednesday, May 12th

1 – **GALLMEYER & LIVINGSTON GRAND RAPIDS #35 8" X 24" HDYRAULIC SURFACE GRINDER**, S/N 3-551095 A#326, 8" x 24" Electro Magnetic Chuck, Coolant System

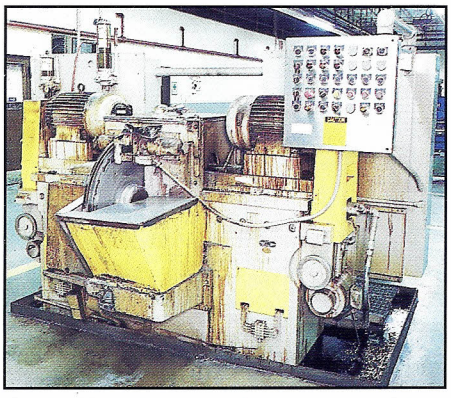
CENTER LAP MACHINE

To be sold 1st Day, Tuesday, May 11th

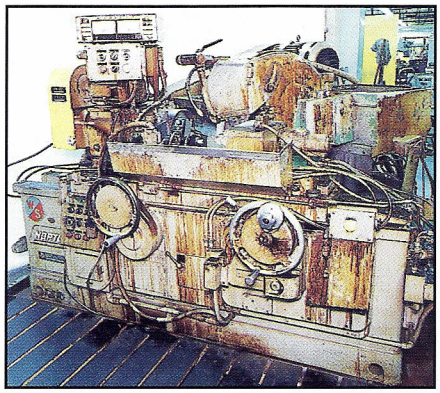
1 – **EX-CELL-O STYLE 74A VERTICAL CENTER LAP MACHINE**, S/N 1825 M#718, 12" Swing, Distance C.C. 40"



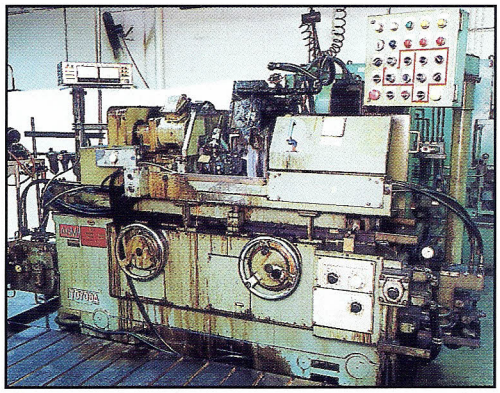
TOYODA TYPE GUP30X100 UNIVERSAL
CYLINDRICAL GRINDER



GARDNER 3DG2-23 OPPOSED SPINDLE FACE GRINDER



1 OF 2 NORTON 10X18CV5 10" x 18" HYDRAULIC CYLINDRICAL GRINDERS



1 OF 2 TOYODA TYPE 45 MGOA5 32" x 32" C.C. HYDRAULIC CYLINDRICAL GRINDERS

JIG BORERS & GRINDER

To be sold 1st Day, Tuesday, May 11th

1 – **MANEX NO. 2 PRECISION OPTICAL JIG BORER & JIG GRINDER**, S/N 6004-6 M#13263, Table 14" x 28", Longitudinal Travel 18", Cross Travel 12", Table Top to Spindle 4" to 25-1/2", Spindle Speeds 80 to 2160 RPM, Feeds .0015 to .003" IPR, Coolant System, Air Operated High-Speed Grinding Head

2 – **PRATT & WHITNEY NO. 2A PRECISION JIG BORERS**, S/Ns M1620-1195-351 M#620, M1620-1229-1151 M#793, Table Size 22" x 44", Longitudinal Table Travel 36", Spindle Speed Range 37 to 1800 RPM, Feeds .0005 to .010 IPR, Trabon Lubrication, S/N M1620-1195-351 With Sargon 2-Axis Digital Readout, S/N M1620-1229-1151 With B & S Micro Line 2-Axis Digital Readout

9 TOOL GRINDERS

To be sold 1st Day, Tuesday, May 11th

2 – **CINCINNATI MONOSET TOOL & CUTTER GRINDERS**, (1) **MODEL MT**, S/N 152A0174-0034 M#13286, Max. Wheel Diameter 4", Cross Travel 5-1/4", S/N 2D1C5S-95 M#12377, (1) **MODEL OE**, Maximum Wheel Diameter 3-1/2", Both with Swing Over Table 12", Workhead Collet Hole 1-1/4", Longitudinal Travel 5-3/4", Bijur Lubrication

1 – **CINCINNATI MILACRON 2MT TOOL & CUTTER GRINDER**, S/N F4636E 78-10-41 M#16214, Swing Over Table 10", Distance C.C. 30", Longitudinal Table Travel 16", Cross Travel 10", Bijur Lubrication

2 – **CINCINNATI NO. 2 TOOL & CUTTER GRINDERS**, S/Ns 1D2T1W-94 M#402, 102T1R-205 M#21, Swing Over Table 10", Distance C.C. 27", Longitudinal Table Travel 16", Cross Travel 8", Table Swivel 180°, Maximum Grinding Wheel 6"

1 – **DECKEL/FEINMECHANIK D-812/SO SINGLE LIP TOOL GRINDER**, S/N SO/74-15873 M#13282

1 – **DEVLIEG MICROPOINT CARBIDE TOOL GRINDER**, S/N 80-300 M#9362, 5" Diamond Wheel, Ex-Cell-O 1-HP 3440 RPM Spindle

1 – **SRD MODEL DG80M DRILL POINT GRINDER**, S/N DG80M-1878 M#16461, 1/4-HP Motor

To be sold 2nd Day, Wednesday, May 12th

1 – **HAMMOND MODEL CB-77B 6" DOUBLE END CARBIDE TOOL GRINDER**, S/N 9064 M#6205, 1/2 HP 1725 RPM Motor

SANDER/GRINDERS

To be sold 2nd Day, Wednesday, May 12th

1 – **HAMMOND-KFF MODEL POD10 SINGLE END PEDESTAL TYPE 3 BELT SANDER/GRINDER**, S/N 28088 M#N/A, 2 HP 3600 RPM Motor

1 – **VERTICAL 8" BELT TYPE SANDER/GRINDER**, S/N N/A, M#13596, Table Size 11-/12" x 26", 7-1/2 HP Motor

BALANCER

To be sold 2nd Day, Wednesday, May 12th

1 – **GIDDINGS & LEWIS GILMAN/GISHOLT 75 SERIES MODEL HB-S HORIZONTAL BELT DRIVE BALANCING MACHINE**, S/N 889-157 **(1978)** M#15959, Maximum Swing 12", Maximum Length Between Bearing Shoulders 16", Balancing Speed 300 to 3000 RPM, 1 HP Drive Motor

28 DRILLS

To be sold 1st Day, Tuesday, May 11th

5 – **FOSDICK 24" SLIDING HEAD BOX COLUMN DRILLS**, S/Ns 15822 M#569, 18066 M#7579, Table Size 24" x 24", Spindle Speeds 55 to 1800 RPM, Feeds .012 to .0015 IPR, M#173, 9-Spindle Speeds 110 to 1800-RPM, Power Feed Spindle, Adjustable Coolant Table Size 38" x 24", Vertical Table Travel 16", M#323, M#8072, 9-Spindle Speeds 55 to 900-RPM, Adjustable Coolant Table Size 24" x 24", Vertical Table Travel 16", All with 2-HP Motor

1 – **ROCKWELL MODEL 17-800 17" FLOOR TYPE DRILL**, S/N 1755608 M#16544, Table Size 12-1/2" x 17", 1/2-HP Motor

6 – **ROCKWELL/DELTA MODEL 17-600 17" FLOOR TYPE DRILLS**, S/Ns 1600838 **(1996)**, 106-767 M#983, 101 - 8182 M#13315, M#218, M#559, M#13242, Adjustable Coolant Table Size 17" x 12-1/2", (1) With Procunier No. 3 Tapping Attachment, (1) With Jarvis Model 9100 Lead Screw Adjustable Pitch Tapping Attachment, 3/4-HP Motor

1 – **ROCKWELL 17" FLOOR TYPE DRILL**, S/N 106-767, Adjustable Coolant Table Size 17" x 12-1/2", 3/4-HP Motor

1 – **ROCKWELL 17" BENCH TYPE DRILL**, S/N 117-5334, M#322, Heavy Duty Portable Table, 1/2-HP Motor

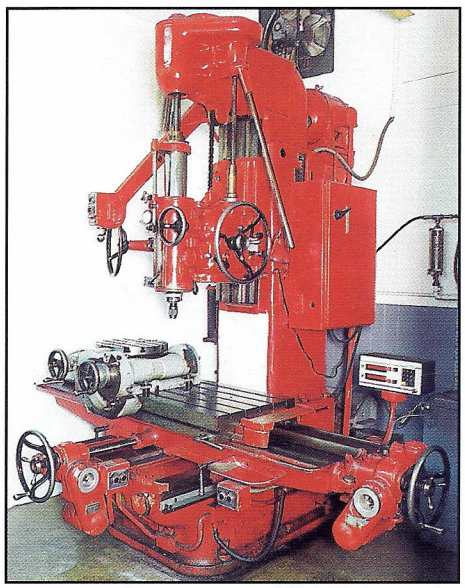
1 – **ROCKWELL 15-665 16" BENCH TYPE DRILL**, M#13501, Table 30" x 18"

1 – **BUFFALO 16" SLIDING HEAD ROUND COLUMN DRILL**, S/N N/A M#7902, Adjustable Table Size 12" x 12", 1 HP Motor

7 – **DELTA 14" BENCH TYPE DRILLS**, S/N 43-9977 M#13427, (6) S/N N/A M#9671, M#6185, M#13694, M#9997, M#9896, M#9909, Steel Frame Table, 1/2-HP Motor

1 – **JET 14" BENCH TYPE DRILL**, S/N 1040876, Steel Frame Table, 3/4 HP

1 – **ATLAS PRECISION 13" BENCH TYPE DRILL**, S/N 67648 **(1979)** M#13619, 1/2 HP Motor



1 OF 2 PRATT & WHITNEY NO. 2A PRECISION JIG BORERS

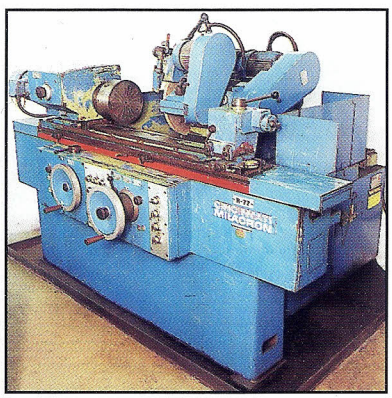
To be sold 2nd Day, Wednesday, May 12th

1 – **CUSTOM BUILT 2-SPINDLE DRILLING & CORE DRILLING MACHINE**, S/N 20407 M#N/A, Table Size 40" x 54", (1) Baldor 5 HP Core Drill Head, (1) Delta 17" Bench Top Drill Head

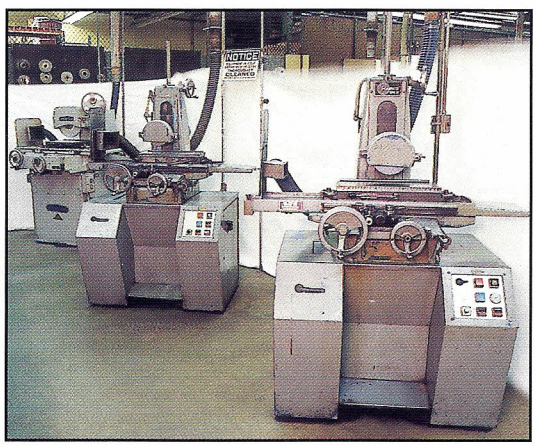
1 – **DELTA 17" TABLE TYPE DRILL**, S/N 602159 M#13495, Table 23-1/2" x 29-1/2", 1/2 HP Motor

1 – **ATLAS DP-B5S 13" BENCH TOP DRILL**, S/N 67472 **(1976)** M#N/A, Table 9" x 9", 1/2 HP Motor

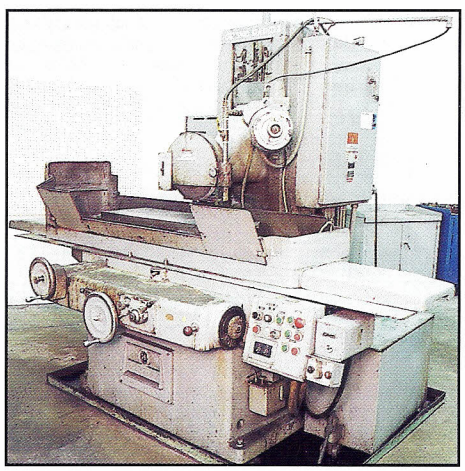
See MACHINE ACCESSORIES On Page 14



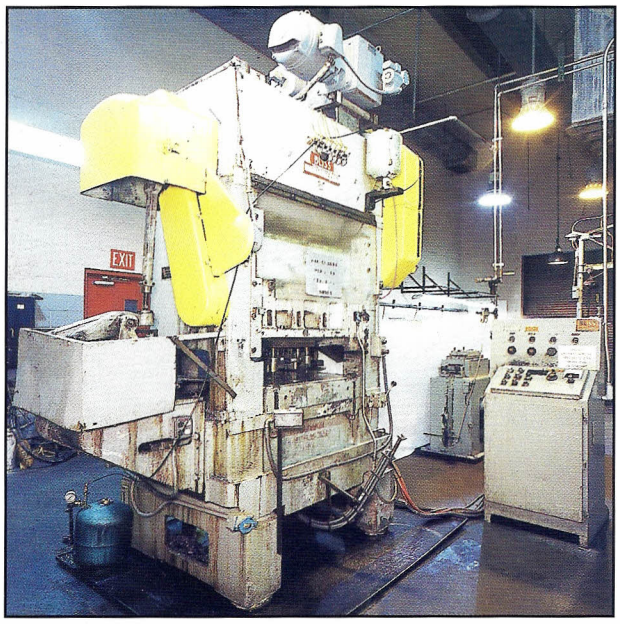
CINCINNATI MILACRON R-77 UNIVERSAL CYLINDRICAL GRINDER



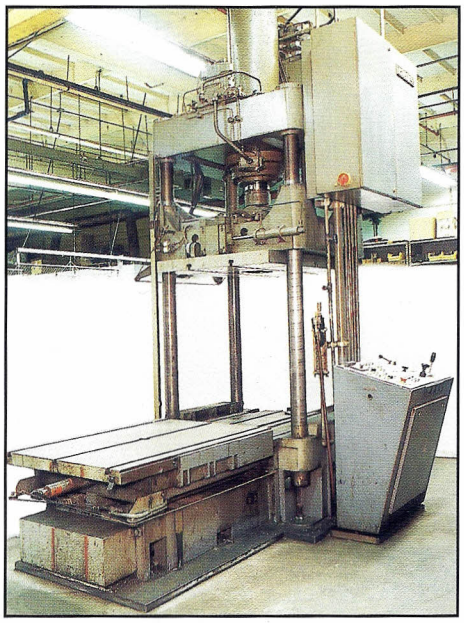
NORTON TYPE T.S. 10" X 16" HAND FEED AND HARIG SUPER 618 6" X 18" HYDRAULIC SURFACE GRINDERS



G & L / GRAND RAPIDS 563 14" X 36" HYDRAULIC SURFACE GRINDER



BLISS MODEL HP2-100-36X30 100-TON NON GEARED STRAIGHT SIDE HIGH PRODUCTION PRESS



REIS TUS-90/100 100-TON SLIDING BOLSTER HYDRAULIC TRYOUT PRESS



DOALL 26" CONTOUR METAL CUTTING BAND SAW

Items Listed On Pages 2-14 Will Be Sold From 900 Lake Havasu Ave. Lake Havasu City, Arizona Tues. & Wed., May 11th & 12th Beginning at 10 am each day



CHARMILLES TECHNOLOGIES MODEL 2-LC VERTICAL RAM EDM

23 TRIM PRESSES

To be sold 2nd Day, Wednesday, May 12th

5 – **KARD 30-TON 4-POST HYDRAULIC TRIM PRESSES**, (3) **MODEL TP-30-4**, S/Ns TK1901-2 M#15965, TK1953-3 M#N/A, TK1601-1 M#15964, (2) **MODEL TP-30**, S/Ns 1817 M#13421, 1816 M#N/A, Bed Area 30" x 31", Distance Between Posts 12" x 32-1/2", Top Mounted Hydraulic Unit

4 – **KARD MODEL TP-30-1 30-TON 4-POST HYDRAULIC TRIM PRESSES**, S/Ns TK2045 M#N/A, TK2044 M#N/A, TK1953-2 M#N/A, N/A M#N/A, Bed Area 31" x 35", Distance Between Posts 16" x 36", Top Mounted Hydraulic Unit

3 – **KARD 30-TON 4-POST HYDRAULIC TRIM PRESSES**, (2) **MODEL 1591**, S/Ns 17391 M#13993, 1670 M#12648, (1) **MODEL 1169**, S/N 1519-2 M#N/A, Bed 30" x 32", Distance Between Posts 12" x 33", Top Mounted Hydraulic Unit

2 – **KARD TP-30-20 20-TON 4-POST HYDRAULIC TRIM PRESSES**, S/N 75K4075-1 M#13520, S/N N/A M#75K4075-2, Bed Area 30" x 32", Distance Between Posts 12" x 32-1/2", Top Mounted Hydraulic Unit

9 – **KARD MODEL TP-20-4 20-TON 4-POST HYDRAULIC TRIM PRESSES**, S/Ns 1771-2 M#13229, 1771-1 M#13232, 1752-1 M#13008, 1771-4 M#13231, 1752-2 M#13016, 1773-1 M#13255, S/Ns 1752-3, 1771-5, 1725-2 M#sN/A, Bed Area 22-3/4" x 24-3/4", Distance Between Posts 11-1/2" x 23-1/2", Top Mounted Hydraulic Unit

STRAIGHT SIDE PRESS

To be sold 2nd Day, Wednesday, May 12th

1 – **BLISS MODEL HP2-100-36X30 100-TON NON GEARED STRAIGHT SIDE HIGH PRODUCTION PRESS**, S/N H-54647 M#12072, Bed 30" x 36", Ram 21" x 36", Stroke 2", Slide Adjustment 3", Speed 70 to 210 SPM, Die Height 10", 12" x 17" Windows, Air Clutch, Air Counterbalance, Mechanical 15" Stock Cutoff, 10 HP, Pedestal Type Control

OBI PRESSES

To be sold 1st Day, Tuesday, May 11th

1 – **DIAMOND NO. 1 10-TON NON-GEARED OBI PRESS**, S/N 4437 M#205, Stroke 2-1/2", Slide Adjustment 3", Shut Height 7-1/2", Bed LR 15-1/2" x FB 8-1/2", Bolster 1", Opening in Back 6-1/2", Air Actuated Clutch, Palm Button, Foot Switch, Safety Pull Back, 1-1/2 HP Motor

1 – **BENCHMASTER 183 BENCH TYPE O.B.I. PRESS**, S/N 51840 M#13530, Bed Area 9" x 11", 3/4-HP Motor

C-FRAME HYDRAULIC PRESSES

To be sold 1st Day, Tuesday, May 11th

1 – **NUGIER MODEL C10-GMD-5 10-TON BENCH TYPE C-FRAME HYDRAULIC PRESS**, S/N 1736 M#13788, Maximum Daylight 14", Maximum Stroke 12", Bed 15" x 12", Throat Depth 7", Steel Frame Stand, Palm Buttons

1 – **DENISON MULTIPRESS MODEL M001A59A0509S0 4-TON BENCH TYPE C-FRAME HYDRAULIC PRESS**, S/N 4083 M#276, Maximum Daylight 12", Maximum Stroke 12", 3-HP Motor, Throat Depth 6", Steel Frame Stand

1 – **DENISON MULTIPRESS 2-1/2 TON HYDRAULIC C-FRAME PRESS**, M#16309, Throat Depth 9", Bed 22" x 15", Maximum Daylight 17", Max. Stroke 16", Palm Button

1 – **ADVANCED HYDRAULICS 1-TON C-FRAME BENCH TYPE HYDRAULIC PRESS**, S/N CPB-2F-1216 M#16262, Bed 11" x 9", Throat Depth 6", Max. Stroke 10", Palm Button

HYDRAULIC SHOP PRESSES

To be sold 1st Day, Tuesday, May 11th

1 – **NUGIER H80-14MD 80-TON H-FRAME HYDRAULIC SHOP PRESS**, S/N 1843 M#15888, Distance Between Posts 48", Adjustable Bed, Ram Dia. 5", 3-HP Hydraulic Unit

1 – **DAKE MODEL 25-H 25-TON HAND HYDRAULIC ADJUSTABLE BED SHOP PRESS**, S/N 150978 M#13064, Distance Between Uprights 33-1/2", Maximum Distance Nose of Ram to Bed 46"

To be sold 2nd Day, Wed., May 12th

1 – **NUGIER HYDRAULIC SHOP PRESS**, S/N 0181038 M#16451, Distance Between Posts 48", Adjustable Bed, Ram Diameter 5", 3 HP Hydraulic Unit

1 – **DAKE 5-075 ELEC-DRAULIC 75-TON HYDRAULIC SHOP PRESS**, S/N 176066 M#15967, Ram Diameter 6", Distance Between Posts 44", Adjustable Bed

2 – **ADVANCE HYDRAULICS INC. HYDRAULIC BENCH-TOP PRESSES**, S/Ns OPB-2-E-1222 M#N/A, CPB-2-F-1214 M#16258, Bed Area 9" x 11-1/2", Maximum Pressure 3000 PSI, 1.5 HP Motor

1 – **NUGIER HYDRAULIC SHOP PRESS**, S/N 0181038 M#16451

DIE TRYOUT PRESSES

To be sold 1st Day, Tuesday, May 11th

1 – **REIS MODEL TUS-90/100 100-TON SLIDING BOLSTER HYDRAULIC DIE TRYOUT PRESS**, S/N 02024 M#16360, Bolster Size 35" x 50-1/2", Swing Down Ram Size 35-1/2" x 47", Distance Between Posts 28" x 37", Maximum Daylight 40", Top Mounted Hydraulic Unit, Pedestal Type Controls

1 – **P.H.I. 40,000-LB. HYDRAULIC 2-POST UPACTING DIE TRYOUT PRESS**, S/N N/A M#16311, Table 9-1/2" x 12-1/2"

PRESS EQUIPMENT

To be sold 2nd Day, Wednesday, May 12th

1 – **NORWALK INNOVATION MODEL CR5042 ELECTRIC COIL REEL**, S/N 422991, Maximum Coil Diameter 42", Maximum Coil Weight 5000-Lbs.

1 – **COOPER WEYMOUTH STOCK FEED/STRAIGHTENER**, M#12310, Roller Width 6"

ARC WELDERS

To be sold 2nd Day, Wednesday, May 12th

1 – **MILLER MODEL SRH-555 500-AMP DC ARC WELDER**, S/N HE763012, Input: 3/60/230-460, Output: 500-Amps @ 40-Arc Volts, Duty Cycle 60%, Maximum Open Circuit Volts 75, Portable Cart

1 – **MILLER MODEL SRH-555 500-AMP CONSTANT CURRENT DC ARC WELDING POWER SOURCE**, S/N N/A

1 – **MILLER SYNCROWAVE 300 300-AMP CONSTANT CURRENT AC/DC ARC WELDING POWER SOURCE**, S/N JH288045 **(1987)**

1 – **CHEMTRON MODEL AC/DC-300 H.F. 300-AMP AC/DC HELIARC WELDER**, S/N H2676765-223, Input 1/60/230-460, Output: 300-Amps at 32-Arc Volts, Duty Cycle 60%

1 – **HOBART RC-300 300-AMP DC ARC WELDER**, S/N 78WS2774 M#16405

1 – **LINCOLN LINCWELDER MODEL DC225/3-AS 225-AMP PORTABLE GAS WELDER**, S/N A1011899, Output: 225-Amps @ 25-Arc Volts, Generator Output 115-Volts @ 26-Amps, Kohler Gasoline Engine

1 – **HYPERTHERM MODEL MAX-42 PLASMA CUTTING SYSTEM**, S/N MX43-002846NV, 3/60/480, Output: 40-Amps @ 110-Volts, Duty Cycle 50%, Maximum Open Circuit Volts 300

WELDER

To be sold 1st Day, Tuesday, May 11th

1 – **MILLER TRAIL BLAZER-250G 250-AMP CC/CV AC/DC WELDER-POWER GENERATOR SET**, S/N KG087860 **(1996)** M#N/A, With Miller Model S-22P-12 24V Constant Speed Wire Feeder, Onan Performer 20 Gas Engine

EDMs

To be sold 1st Day, Tuesday, May 11th

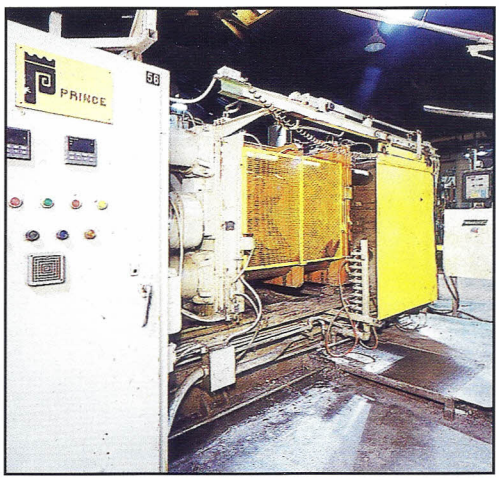
1 – **CHARMILLES TECHNOLOGIES MODEL 2-LC VERTICAL RAM EDM**, S/N 89143129 **(1992)** M#18505, Table Size 14" x 19-3/4", Ram Area 6" x 9-1/4", Ram Travel 8", 7 KVA, Charmilles-Erowa Isocut System, Sony Magnescale LH10 3-Axis Digital Readout, Coolant System, With Raycon Model SS 60 60-Amp Power Supply, S/N 2003 M#18506

1 – **ELOX TYPE 8-2012DR VERTICAL RAM EDM**, S/N 032332 M#13469, Table Size 12" x 20", Ram Area 9" x 9", Ram Travel 8", 2-HP Pump System, Coolant System, Raycon Model SS 60 60-Amp Power Supply, S/N 2002 M#18507

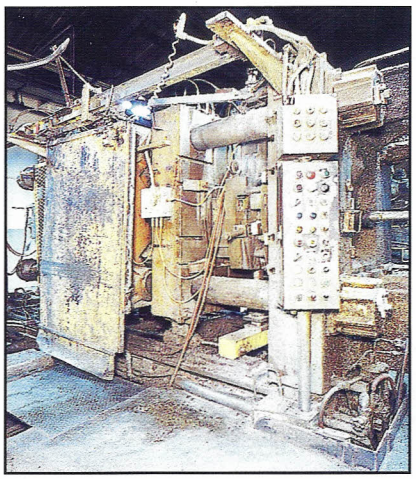
RADIAL DRILL

To be sold 1st Day, Tuesday, May 11th

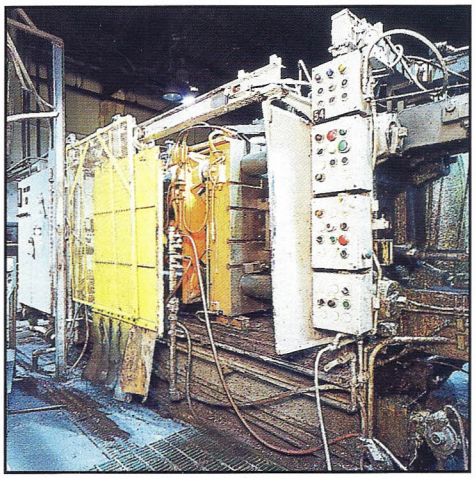
1 – **CARLTON MODEL OA 3' X 11" COLUMN RADIAL DRILL**, S/N 844 M#33, L-Shaped Base Size 31" x 32", 31" x 40", Spindle Speed Range 60 to 3000 RPM, Quill Travel 12", Power Down Feed & Clamping, Coolant System



1 OF 7 PRINCE 629/600-TON HYDRAULIC TOGGLE CLAMP DIE CASTING MACHINES



1 OF 2 PRINCE 836/800-TON HYDRAULIC TOGGLE CLAMP DIE CASTING MACHINES



1 OF 4 PRINCE 525/450-TON HYDRAULIC TOGGLE CLAMP DIE CASTING MACHINES

18 DIE CASTING MACHINES

To be sold 2nd Day, Wednesday, May 12th

2 – **PRINCE MODEL 836/800-TON HORIZONTAL HYDRAULIC TOGGLE CLAMP COLD CHAMBER DIE CASTING MACHINES,** Platen 60" x 60", Distance Between Tie Bars 36.5" x 36.5", Die Stroke 22", Die Thickness Range 20" to 40", Hydraulic Ejectors, Motorized Die Height, 50 HP Motor, Control Panel With Signal Timers, S/N D078017 M#13982 with Warwick 350-Lbs. Capacity 22" Diameter x 42"H Gas Fired Holding Pot With Honeywell Digital Temperature Controls, Mechanical Type Ladle, S/N D078018 M#13981 with Warwick 450-Lbs. Capacity 22" Diameter x 48"H Gas Fired Holding Pot With Honeywell Digital Temperature Controls, Rimrock Model 205 Hydraulic Ladle With Multi Link Programmable Ladle Controls

1 – **LESTER MODEL 800/800-TON HORIZONTAL HYDRAULIC TOGGLE CLAMP COLD CHAMBER DIE CASTING MACHINE,** S/N N/A M#13440, Platen Size 32" x 50", Distance Between Tie Bars 36" x 38", Die Stroke 12" x 21", Hydraulic Ejectors, Motorized Die Height, Control Panel With C.T.I.-TCAM-5230 Digital Controller, 40 HP Motor, Warwick 350-Lbs. Capacity 22" Diameter x 42"H Gas Fired Holding Pot With Honeywell Digital Temperature Controls, Mechanical Type Ladle

7 – **PRINCE MODEL 629/600-TON HORIZONTAL HYDRAULIC TOGGLE CLAMP COLD CHAMBER DIE CASTING MACHINES,** Platen Size 51" x 53", Distance Between Tie Bars 29-1/4" x 29-1/4", Die Stroke 17", Die Thickness Range 16" to 36", S/N D-75010 M#13372 with Mecanovac Optivac Vacuum System, 40 HP Motor, Control Panel With Siemens COROS-OP5 Digital Controller, Warwick 450-Lbs. Capacity 22" Diameter x 48"H Gas Fired Holding Pot With Honeywell Digital Temperature Controls, Rimrock Model 205 Hydraulic Ladle With Multi-Link Programmable Ladle Control, S/N D71010 M#18403 with Mecanovac Optivac Vacuum System, 50 HP Motor, Control Panel With C.T.I. 5250 Digital Controller, Warwick 350-Lbs. Capacity 22" Diameter x 42"H Gas Fired Holding Pot With Honeywell Digital Temperature Control, Rimrock Model 205 Hydraulic Ladle With Multi-Link Programmable Ladle Control, S/Ns N/A M#12840, D6835 M#12471, D-73002 M#N/A with 50 HP Motors, S/N D73002 With 60 HP Motor, Control Panel With Digital Controller, Warwick 450-Lbs. Capacity 22" Diameter x 48" H Gas Fired Holding Pot With Honeywell Digital Temperature Control, Rimrock Model 205 Hydraulic Ladle With Multi Link Programmable Ladle Control, S/N D6940 M#12598 with 50 HP Motor, Control Panel with Digital Controller, Warwick 450-Lbs. Capacity 22" Diameter x 48"H Gas Fired Holding Pot With Honeywell Digital Temperature Control, Mechanical Type Ladle, S/N D74-026 M#18402 with 50 HP Motor, Control Panel With Digital Controller, Warwick 350-Lbs. Capacity 22" Dia. x 42"H Gas Fired Holding Pot With Honeywell Digital Temperature Control, Mechanical Type Ladle

1 – **B & T EXCELLO 650-TON HORIZONTAL HYDRAULIC TOGGLE CLAMP COLD CHAMBER DIE CASTING MACHINE,** S/N DC7433 M#13324, Platen Size 54" x 54", Distance Between Tie Bars 32" x 32", Die Stroke 21", Hydraulic Ejectors, Motorized Die Height, Auto Die Spray, 75 HP Motor, Control Panel With Digital Controller, Warwick 450-Lbs. Capacity 22" Diameter x 48"H Gas Fired Holding Pot With Honeywell Digital Temperature Controls, Rimrock Model 205 Hydraulic Ladle With Multi Link Programmable Ladle Control

2 – **B & T EXCELLO 600-TON HORIZONTAL HYDRAULIC TOGGLE CLAMP COLD CHAMBER DIE CASTING MACHINES,** S/Ns 7345 M#18540, 7334 M#18539, Platen Size 51" x 51", Distance Between Tie Bars 29" x 29", Die Stroke 17", Hydraulic Ejectors, Motorized Die Height, S/N 7334 With Auto Die Spray, 50 HP Motors, Control Panel With CTI-TCAM 5240 Digital Controller, S/N 7345 With Warwick 450-Lbs. Capacity 22" Diameter x 42"H Gas Fired Holding Pot, S/N 7334 With Warwick 350-Lbs. Capacity 22" x 42" H Gas Fired Holding Pot, Both With Honeywell Digital Temperature Controllers, Both With Rimrock Model 205 Hydraulic Ladles With Multi Link Programmable Ladle Controls

4 – **PRINCE 525/450-TON HORIZONTAL HYDRAULIC TOGGLE CLAMP COLD CHAMBER DIE CASTING MACHINES,** Platen 42" x 43", 24-1/2" x 24-1/2" Between Tie Bars, Die Stroke 14-1/4", Die Thicknesses 14" to 28", 50 HP Motor, Control Panel With Digital Controller, Rimrock 205 Hydraulic Ladle With Multi-Link Programmable Ladle Controls, S/Ns D71015 M#18306, D75006 M#13342, D75012 M#18401 with Warwick 350-Lbs. Capacity 22" Dia. x 42"H Gas Fired Holding Pot With Honeywell Digital Temp. Control, S/N D-75009 M#13363 with Warwick 450-Lbs. Capacity 22" Dia. X 48" H. Gas Fired Holding Pot With Honeywell Digital Temperature Controls

1 – **HARVIL MODEL 407C/400-TON HORIZONTAL HYDRAULIC TOGGLE CLAMP COLD CHAMBER DIE CASTING MACHINE,** S/N 1137 M#12935, Platen Size 40" x 40", Distance Between Tie Bars 24" x 24", Die Stroke 12", Hydraulic Ejectors, Motorized Die Height, Control Panel With T.I. Digital Controller, 40 HP Motor, Warwick 350-Lbs. Capacity 22" Diameter X 42"H Gas Fired Holding Pot With Honeywell Digital Temperature Controls, Mechanical Type Ladle

(RIMROCK LADLES AND FURNACES MAY BE SOLD SEPARATELY)

VERTICAL BAND SAWS

To be sold 1st Day, Tuesday, May 11th

1 – **DOALL 26" VERTICAL CONTOUR METAL CUTTING BAND SAW,** S/N 26461638 M#42, Table Size 31" x 31", Blade Speeds 50 to 1600 FPM, Model DBW-15 Blade Welder

To be sold 2nd Day, Wed., May 12th

1 – **DOALL MODEL ML 16" VERTICAL CONTOUR METAL CUTTING BAND SAW,** S/N 4914360 M#13089, Table Size 24" x 24", Blade Speeds 50 to 1600 FPM, Blade Welder/Grinder

SHOP & FACTORY

To be sold 1st Day, Tuesday, May 11th

1 – **DAYTON 8" DOUBLE END PEDESTAL GRINDER,** S/N N/A M#16465

1 – **ROCKWELL MODEL 7 COMBINATION 6" WHEEL - 2" BELT PEDESTAL GRINDER,** S/N N/A M#16220

1 – **PHASE II 3-TON ARBOR PRESS,** S/N N/A M#18425

2 – **DONALDSON/TORIT DRY FILTER TYPE DUST COLLECTORS, MODEL 60 AB,** S/N 1G319654-31 M#N/A, **MODEL 75,** S/N K162 M#16448

To be sold 2nd Day, Wed., May 12th

1 – **N.C.I. 5850-S 5000-LB. CAPACITY DIGITAL PLATFORM SCALE,** S/N N/A M#N/A, Platform Size 48" x 48"

1 – **STANLEY TYPE 610 8" DOUBLE END PEDESTAL GRINDER,** S/N G28426E M#7415, 1 HP 1725 RPM Motor

To be sold Both Days

1 – **BINKS 6' X 7' X 3' SPRAY BOOTH**

1 – **MAGNAFLUX SB-911 BRIDGE TYPE DEMAGNETIZER,** S/N 751050 M#13368

1 – **RUGER MODEL HP18 2,000-LB HAND HYDRAULIC ENGINE HOIST,** S/N 80GS-22728 M#16252, Maximum Boom Length 88"

2 – **RIDGID KOLLMAN PORTABLE POWER DRAIN SNAKES**

2 – **FAMCO NO. 3 ARBOR PRESSES,** M#9817, N/A

5 – **DAKE NO. 3, NO. 1-1/2, NO. 1, NO. Y ARBOR PRESSES**

1 – **DAKE NO. 0 ARBOR PRESS**

1 – **VALCOL 90-GAL SUMP PUMP,** M#13631

1 – **LOUISVILLE 10' FIBERGLASS LADDER**

1 – **VESTIL DRUM DUMP ATTACHMENT**

1 – **LEXCO PORTABLE DIE LIFT TABLE**

2 – **30-HP VACUUM PUMPS**

1 – **8-STEP PORTABLE STEEL STAIRS**

50 – **PORTABLE 5-TIER CARTS**

1 – **PORTABLE BANDING OUTFIT**

2 – **RIDGID NO. 700 POWER PIPE DRIVERS**

1 – **FOREDOM SERIES CC FLEX SHAFT GRINDER**

35 – **INGERSOLL-RAND AIR SCREW GUNS**

1 – **LECTROETCH V10A ELECTRIC ETCHER**

5 – **PORTABLE 100-GALLON SUMP PUMPS**



B & T EXCELLO 650-TON HYDRAULIC TOGGLE CLAMP COLD CHAMBER DIE CASTING MACHINE

1 – **NATIONAL MODEL 5850 DUAL ELECTRONIC RATIO COUNTING SCALE,** Platform Size 14" x 14" and 48" x 48"

98 - **GENERAL SHELTERS PORT-A-COOL 2000 RADIATOR TYPE PORTABLE SPACE COOLERS,** Water Supply Tank, 1/60/115

2 – **AIR POWERED DRUM TYPE SUMP VACUUMS**

10 – **MAKITA, BLACK & DECKER, SKIL, RED HEAD, MILWAUKEE DEMO HAMMERS, DRILLS, CIRCULAR SAWS, JIG SAWS**

1 – **PENNSYLVANIA BENCH TYPE OVER-UNDER RATIO COUNTING SCALE,** M#12256

1 – **ABRASIVE 1" BELT GRINDER,** 3/60/230 Steel Frame Stand

2 – **ACETYLENE WELDING OUTFITS,** With Cart

1 – **SOLAR NO. 360 6/12-VOLT BATTERY CHARGER**

1 – **FORKLIFT TRUCK SAFETY WORK PLATFORM**

1 – **McCULLOCH M-1000 1,000-PSI HIGH PRESSURE WASHER**

1 – **AIRLESCO 2,500-PSI HIGH PRESSURE WASHER,** With Honda 5.5-HP Engine

1 – **ENERPAC MODEL MZ31 MAINTENANCE AND RESCUE KIT**

1 – **ENERPAC HYDRAULIC PORT-A-POWER**

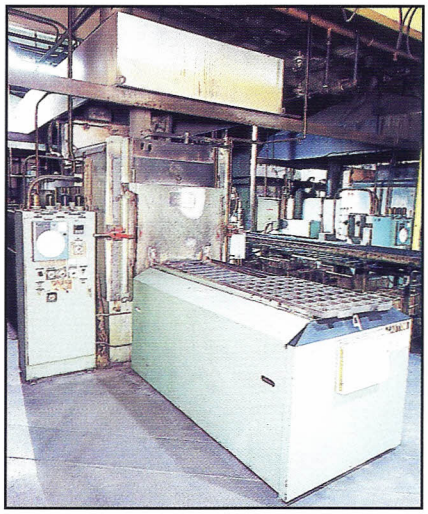
Tape Dispensers, Portable Banding Outfits, Picnic Tables, Anvil, Steel Foremans Desks, Steel Stands, Portable Carts, 2-Door Supply Cabinets, Gravity Roller Conveyor, Steel and Plastic Tote Pans, 2-Wheel Barrel Trucks, 2-Wheel Hand Trucks, Adjustable Steel Shelving Units, All Steel Work Benches, Parts Cleaning Tan

$ MULTI-MILLION INVENTORY OF FINISHED PRODUCTS AND PARTS

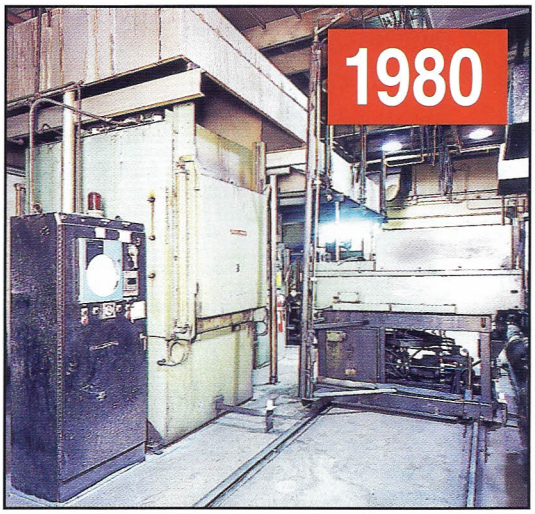
A portion located is at the Lake Havasu City Sale Site

To Be Sold at 1:30 PM Thursday, May 13th In Tucson

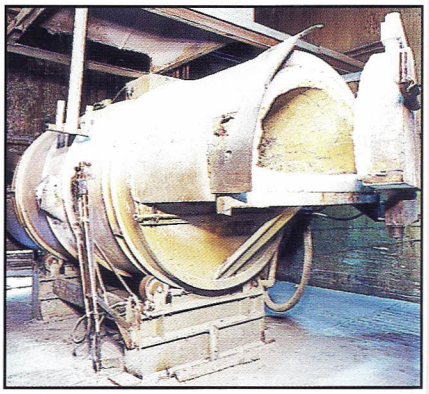
See Page 15 For Details



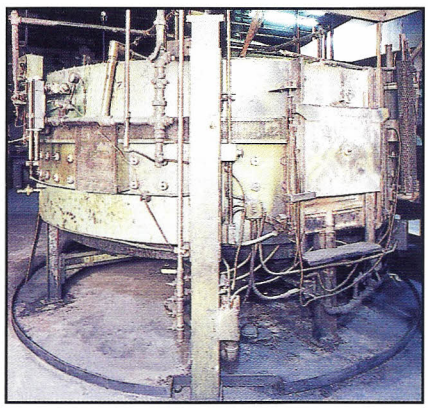
SELAS KARBO-MATIC PKM-120-GRT ATMOSPHERIC DRAW FURNACE



EGLOFF & GRAPER MODEL EGT-304630-RTO ATMOSPHERIC DRAW FURNACE, SHUTTLE CAR



1 OF 5 WARWICK (ALUM.) TILTING TYPE GAS FIRED BARREL FURNACES



1 OF 2 PACIFIC PPRH-12860 ELECTRIC ROTARY HEARTH FURNACES

POWDER COATING LINE

To be sold 1st Day, Tuesday, May 11th

1 – **CONTINUOUS SPRAY POWDER COATING LINE**, Consisting of: (1) Blue-Surf 16' Gas-Fired Pre-Heat Oven, S/N 1006-B, Operating Temperature 1300° F., Opening 48" x 48", (1) Water Spray 16' Washer, 300' Overhead Chain Conveyor, Hooks on 24" Centers, With Parajust Variable Speed Control, (1) Beattie 6-Stage Spray Washer, with Entry Alkaline Cleaner, Hot Water Rinse, Conversion Coating, Cold Water Rinse, DI Rinse, (1) Powder Spray System, with (3) Rail Mounted 10' Pass-Thru Spray Booths, Opening 21" x 48", (13) Gema Volstatic Powder Spray Guns, With Controls, (3) Gema Powder Supply Systems, Hopper, Rotary Valve, Rotary Screw, Vacuum Pump and Hopper, (1) Stainless Steel Portable Container

BLAST CLEANING MACHINES

To be sold 1st Day, Tuesday, May 11th

1 – **PANGBORN ROTOBLAST 36" ROTARY SHOT BLAST MACHINE**, S/N N/A M#16177, Air Lift Door

1 – **WHEELABRATOR 3-CU. FT. TUMBLAST SHOT BLAST MACHINE**, S/N N/A M#8733, Drum Size 30" x 22" Diameter, Opening 30" x 18"

PARTS WASHERS

To be sold 1st Day, Tuesday, May 11th

1 – **MAGNUS ALHMN GAS-FIRED 6-STAGE CONTINUOUS 32' PARTS WASHER**, S/N 40814 M#16128, Capacity 1,000-LBS, Operating Temp. 750°F., Entry & Exit Conveyor

AIR COMPRESSORS

To be sold 1st Day, Tuesday, May 11th

3 – **GARDNER-DENVER ELECTRA-SAVER ROTARY SCREW AIR COMPRESSORS**, (2) **ESNF-EAQPNA 200-HP**, S/Ns 731329 M#15980, 714320 M#15853, (1) **ESOF-FAUPOB 250-HP**, S/N 7354132 **(1990)** M#18549, Skid Base

2 – **ZURN-GENERAL REFRIGERATED AIR DRYERS, MODEL R-320-A**, S/N R-7869 M#13668, **MODEL R-200-A**, S/N R-14424 M#13668

HEAT TREAT

To be sold 1st Day, Tuesday, May 11th

2 – **PACIFIC MODEL PPRH-12860 ELECTRIC ROTARY HEARTH FURNACES**, S/Ns P2446 M#12475, P2445 **(BOTH 1969)**, Maximum Operating Temperature 1850° F., Heating 2074-KW, Air-Operated Door, Opening 14" x 12", Eclipse Temperature Control, (2) Honeywell Temp. Controls, Honeywell Electronik Strip Chart Recorder, Cycle Timer

3 – **PACIFIC KARBOMATIC ATMOSPHERIC DRAW FURNACES**, (2) **MODEL PKMD-100-GRT**, S/Ns P2770B M#12711, P2770A M#12710, Maximum Temperature 1450° F., (1) **MODEL PKM-100-GRT**, S/N P2776 M#12714, Maximum 1900° F., Pedestal Control, Barber Colman Series AC Digital Controls, All with Air Operated Door, Opening 36" x 30", Length 60", Cycle Timer, Honeywell Digital Temperature Control, Honeywell Truline Circular Chart Recorder, Maxon Gas Controls

2 – **PACIFIC PKM-100-GRT-S KARBOMATIC ATMOSPHERIC DRAW FURNACES**, S/Ns P2769B M#16581, P2769A M#16582, Max. Temp. 1900° F., Input: 1,120,000 BTU/HR, 4 Flow Meters, Opening 32" x 24", Length 60", Oil Quench Tank, 18" Roller Infeed Table, Air Operated Door, Egloff & Groker Pedestal Control, Barber Colman Siemens Electronic Temp. Controls, Cycle Timers, Honeywell Digital Temperature Control

1 – **SELAS KARBO-MATIC PKM-120-GRT KARBOMATIC ATMOSPHERIC DRAW FURNACE**, S/N 602-060 M#16150, Maximum 1900° F., Input 1,150,000 BTU/HR, Pedestal Control, Air Operated Door, Opening 36" x 30", Length 60", Cycle Timer, Honeywell Digital Temperature Control, Honeywell Truline Circular Chart Recorder, Maxon Gas Controls, Barber Colman Series AC Digital Controls

1 – **EGLOFF & GRAPER EGT-304630-RTO ATMOSPHERIC DRAW FURNACE**, S/N 7247 M#16394 **(1980)**, Air Operated Door, Opening 40" x 36", Length 60", Honeywell Truline Circular Chart Recorder, Cycle Timer

1 – **LINDBERG TOP LOADING CARBONIZING FURNACE**, Swing Away Door, Chamber Size 30" Diameter x 48", Honeywell Temperature Control

1 – **LINDBERG HYDRYZING-1500-A3-HYEN CATALYST CURING & DRYING TOP LOADING FURNACE**, S/N LA-7297 M#12070, 1500-CFH, Fan, Waukee FI 150 Mixor Carb, (3) Flow Meters, Maxon Gas Controls

2 – **PACIFIC ENDOTHERMIC GAS GENERATORS**, (1) **PGF 2000 ENA**, S/N P2784 M#12715, Input: 375000 BTU/HR, (1) **PG-2000-ENA**, S/N 662-0602 M#16151, Input: 270,000 BTU/HR, Both with Eclipse Gas Controls, Operating Temperature 1950° F., Waukee Mixor Type 1500 Carb, Honeywell Digital Temperature Controls, (2) Flow Meters

1 – **PACIFIC MODEL PPW-100-G GAS FIRED PARTS WASHER**, S/N P2777 M#12912 (1971), Operating Temperature 180° F., Dip Type, Input: 500,000 BTU/HR, (5) Cycle Timers, Opening 36" x 30", Length 60"

To be sold 2nd Day, Wednesday, May 12th

5 – **WARWICK TILTING GAS FIRED BARREL FURNACES**, (1) **WBT-60 5700-LBS. CAPACITY (ALUMINUM)**, S/N 9051 M#13882, I.D. Size 46" x 100", (2) **WBT-39 5700-LBS. CAP. (ALUM.)**, S/Ns 8943A M#13011, 8943B M#13010, I.D. Size 41" x 100", (1) **36" X 120" 5700-LBS. CAP. (ALUM.)**, S/N N/A M#N/A, (1) **443 3500-LBS. CAP. (ALUM.)**, S/N 9482, M#N/A, I.D. Size 36" x 120", All with Pneumatic Power Tilt, North American Blower Unit, Wall Mounted Controls, With Honeywell Digital Display

3 – **PORTABLE PNEUMATIC POWER TILTING BARREL TYPE HOLDING POTS**, 14" x 36"

1 – **CHEM-CLEAN ALUMINUM DEGASSING SYSTEM**

1 – **DESPATCH DOUBLE DOOR GAS FIRED FURNACE**, S/N N/A M#N/A, Size 56" x 72" x 78"D, Maximum Temperature 650° F., Control Panel

1 – **THERMTRONIX MODEL LSF900 25" DIAMETER X 36"H MELTING POT**, S/N 3682 M#13492, Control Panel With Digital Temperature Control

Inspection: Monday, May 10th

9 am to 4:30 pm and morning of sale

Inspección: Lunes 10 de Mayo

9 a.m. a 4:30 p.m. y la mañana de la venta

Items Listed On Pages 2-14 Will Be Sold From 900 Lake Havasu Avenue Lake Havasu City, Arizona Tues. & Wed., May 11th-12th

Beginning at 10 am each day

OVENS

To be sold 1st Day, Tuesday, May 11th

1 – **BARON-BLAKESLEE ONE-DOOR GAS-FIRED CAR BOTTOM OVEN**, Chamber Size 48" x 80" x 108", Operating Temperatures 100 to 500F, Partlow Temperature Control

1 – **CRESS MODEL C-2121 ONE-DOOR OVEN**, S/N 7808 M#15872, (2) Solid State Cycle Timers

1 – **BLUE-M MODEL 106 ONE-DOOR BATCH OVEN**, S/N 22X191-93 **(1993)**, Temperature Range 316 to 600C, Chamber Size 19" x 39" x 23", Type J Temperature Control, Digital Readout, 3/60/480

To be sold 2nd Day, Wednesday, May 12th

1 – **CRESS MODEL AE-1824 ONE-DOOR OVEN**, S/N 7903 M#15962, Chamber Size 18" x 20"x 24", Honeywell Temperature Controls

1 – **GRIEVE LR271C LABORATORY OVEN**, M#16590, Chamber Size 12" x 12" x 12", 800-Watts, 1/60/120

2 – **DESPATCH STYLE PSD3-30S DOUBLE DOOR GAS CONVECTION TYPE HEAT TREAT OVENS**, S/Ns 93601 M#N/A, 93600 M# N/A, Size 7-1/2" x 9' x 6'9", 500,000 BTU, Maximum Temperature 650° F., 2000-Lbs. Per Hour Capacity, Exhaust & Recirculating Blowers, Honeywell Digital Temperature Control, ATC Digital Timer

1 – **GRIEVE TAH-500 DOUBLE DOOR ELECTRIC OVEN**, S/N 640167 M#16640, 36" x 36" x 64", Max. Temperature 500° F., Heat Input 18 KW, Eagle Digital Temp. Control

HARD CHROME PLATING EQUIPMENT

To be sold 1st Day, Tuesday, May 11th

11 – **CHROMIC ACID PLATING TANKS**, Size 22" x 189" x 32", (3) 7-Station Per Tank, (5) 9-Station, (1) 6-Station, (2) 8-Station, All Stations With (4) DC Amp Meters Per Station, Fume Hood

1 – **CHROMIC ACID PLATING TANK**, 23" x 94" x 34" Deep, 4-Stations, (4) DC Amp Meters Per Station, Fume Hood

6 – **POLYPROPOLYENE TANKS**, Chamber Size (3) 24" x 30" x 29" Deep, (3) 24" x 24" x 30" Deep

1 – **POLYPROPOLYENE DUAL CHAMBER ZINCATE CHEM-COTE WATER RINSE TANK**, Chamber Size 24" x 30" x 29" Deep

1 – **ALUMINUM DUAL CHAMBER TANK**, 24" x 38" x 29" Deep

4 – **UDYLITE MODEL 2DDE-75009-6 PLATING RECTIFIERS**, S/Ns 11051/1-21, 11052/1-21, 11053/1-21, 11054/1-21, Input: 1/60/230, 93-Amps, 21.4-KV; Output 9-Volts @ 21 x 75-Amps

1 – **UDYLITE MODEL R-70528 PLATING RECTIFIER**, S/N 13393, Input: 1/60/230, 70-Amps, 28-KV; Output 9-Volts @ 21 x 75-Amps

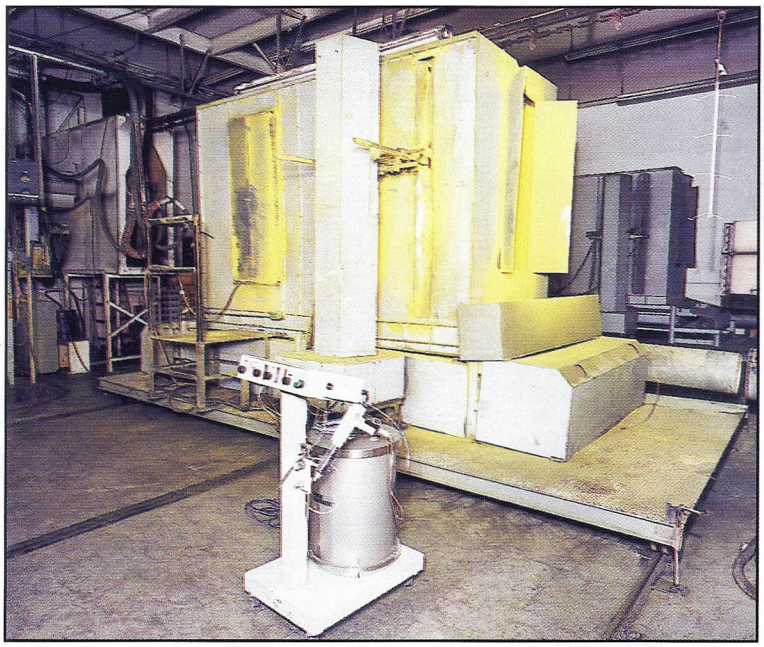
1 – **UDYLITE 30-VOLT 2000-AMP PLATING RECTIFIER**

5 – **OMI UDYLITE 4CDL-25X009-101 PLATING RECTIFIERS**, Input: 1/60/440, 3.15-KVA; Output 9-Volts @ 250-Amps

5 – **UDYLITE 18-1674T VOLTAGE REGULATORS**, S/Ns 13451 M#12852, (4) N/A M#12881, M#12879, M#1880, M#12882

1 – **UDYLITE SEALED SOLID STATE CONVERTER**

PLASTIC GRID RAISED FLOORING



CONTINUOUS SPRAY POWDER COATING LINE



FINISHING EQUIPMENT

To be sold 1st Day, Tuesday, May 11th

1 – **SWECO VIBRO-ENERGY FMD74LR FINISHING MILL** M#13683, 14FM 177-27, 5-HP 3/00/460 1200 RPM, Charger 56" X 18", 2 Cycle Timers, Foot Switch, Coolant

To be sold 2nd Day, Wednesday, May 12th

1 – **ROTO FINISH MODEL JST0SPT 84" DIAMETER VIBRATION FINISHER**, S/N 40M-90-AA, M#16167, Hydraulic Unit, Southworth Electric Platform Lift, Motorized 19" Diameter x 40"L Roller Discharge Chute, Fiberglas 36" Diameter x 36"D Storage Tank & Pump

1 – **MCDOUGALL WEST CO. MODEL DW60-36-2 36" X 60" ROTARY FINISHING TUMBLER**, S/N 60395 M#13300, 7-1/2 HP Drive Motor

1 – **L.H. BUTCHER MODEL DB22-36 22" X 36" ROTARY FINISHING TUMBLER**, S/N 2273 M#06666, 1-1/2 HP Drive Motor

SLUDGE PRESSES

To be sold 1st Day, Tuesday, May 11th

1 – **GREAT LAKES WATERLINK MODEL 2-2.2M HAND HYDRAULIC SLUDGE PRESS**, S/N F1934, Size 60" x 18" x 18", (1) Sludge Cart

1 – **INI HAND HYDRAULIC SLUDGE PRESS**, M#16620, Size 60"x 18" x 18", (27) Inserts, (2) Sludge Carts,

WASTE WATER TREATMENT EQUIPMENT

To be sold 1st Day, Tuesday, May 11th

1 – **4,000-GALLON DUAL COMPARTMENT TANK**, (1) 2,000-Gallon Acid Tank, With Pump, Valves, (1) Lightnin Mixer, (1) 2,000-Gallon Caustic Tank, (2) Lightnin Mixers, Pump, Allen-Bradley PLC Control

1 – **ADVANCE CHEMICAL 8,000-GALLON HOPPER BOTTOM TANK**, (Flocculation)

1 – **1,500-GALLON RESERVE WASTE WATER TANK**

1 – **10,000-GALLON WATER TANK**

1 – **GREAT LAKES WATERLINK POLYPROPYLENE 1,500-GALLON HOPPER BOTTOM TANK**

1 – **4,000-GALLON WASTE WATER RINSE TANK**

1 – **500-GALLON POLYPROPYLENE CAUSTIC SODA TANK**

1 – **4,000-GALLON POLYPROPYLENE LINED STEED TANK**, (Chromic Acid)

1 – **4,000-GALLON POLYPROPYLENE LINED STEED ACID KILL TANK**, (Chromic Acid)

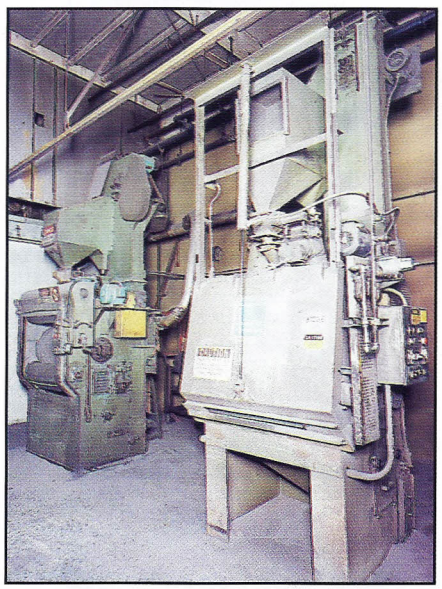
2 – **6,000-GALLON HOLDING TANKS**

1 – **4,000-GALLON FLUORIDE TREATMENT TANK**

1 – **4,000-GALLON RESERVE TANK**

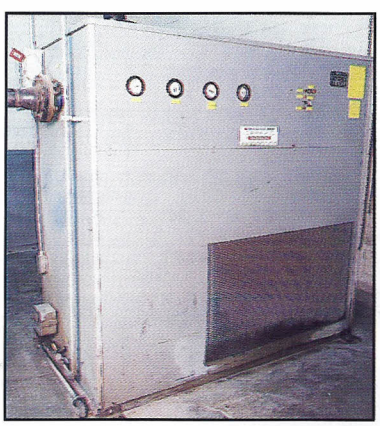
1 – **GREAT LAKES WATERLINK 500-GALLON ALUMINUM ACID TANK**, With Lightnin Mixer, Pulsatron Pump

1 – **GREAT LAKES WATERLINK DI WATER SYSTEM**, With (3) 150-Gallon Composite Polyethelene Tanks



PANGBORN ROTOBLAST 36" ROTARY AND WHEELABRATOR 3-CU. FT. TUMBLAST SHOT BLAST MACHINE

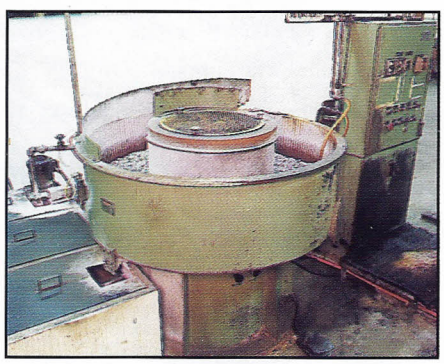
Please See DIRECTIONS TO SALE On Page 14



1 OF 2 ZURN-GENERAL REFRIGERATED AIR DRYERS



GARDNER-DENVER ELECTRA-SAVER 250-HP AIR COMPRESSOR

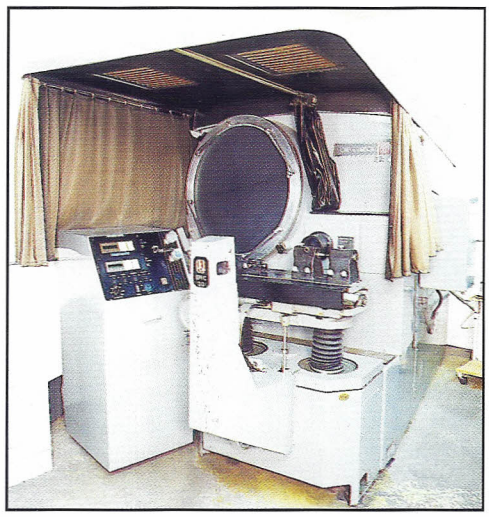


SWECO VIBRO-ENERGY FMD74LR FINISHING MILL

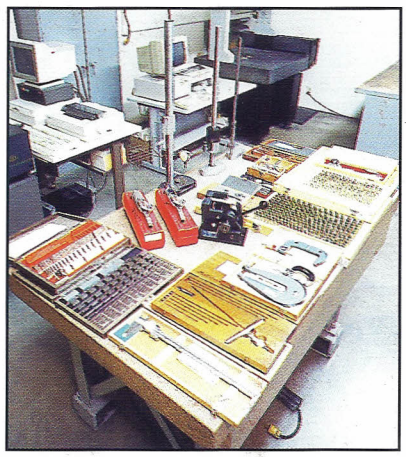
NORMAN LEVY ASSOCIATES, INC.
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21415 Civic Center Drive • Southfield, Michigan 48076
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MITUTOYO MODEL B504B 3-AXIS BRIDGE TYPE COORDINATE MEASURING MACHINE

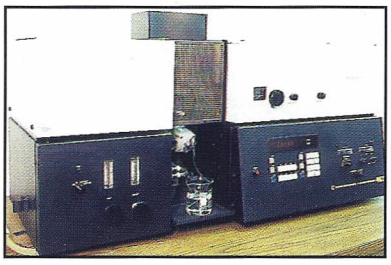


JONES & LAMSON EPIC 30 30" OPTICAL COMPARATOR / CMM

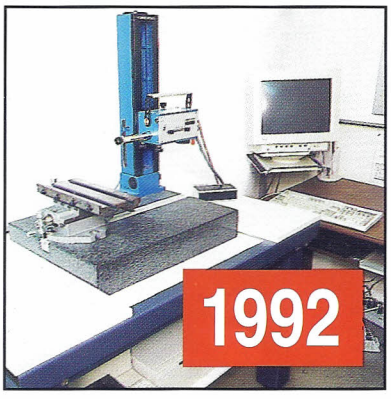


PARTIAL VIEW OF INSPECTION

Items Listed On Pages 2-14 Will Be Sold From The Lake Havasu City, Arizona, Facility Tuesday & Wednesday, May 11th & 12th Beginning at 10 am each day



INSTRUMENT LABS AA/AS-457 ATOMIC SPECTROPHOTOMETER



HOMMELWERKE MODEL LV-50E ROUGHNESS TESTER

MASSIVE QUANTITIES OF INSPECTION EQUIPMENT

COORDINATE MEASURING MACHINES

To be sold 1st Day, Tuesday, May 11th

1 – **MITUTOYO MODEL B504B 3-AXIS BRIDGE TYPE COORDINATE MEASURING MACHINE**, S/N 1020004 **(1991)** M#18471, Black Granite 34" x 34" x 7" Surface Plate, Travels: X - 20", Y - 16", Z - 12", Mitutoyo Mag-1 Multi-Axis Gathering Unit & Probe With Remote, IBM Model 50Z Personal Computer With Monitor, Epson FX850 Printer

1 – **BROWN & SHARPE VALIDATOR SERIES 8000 BRIDGE TYPE 3-AXIS COORDINATE MEASURING MACHINE**, S/N 700-8100-4121 **(1979)** M#16158, Black Granite 39-1/4" x 43" x 6-1/2" Surface Plate, Travels X - 26", Y - 22", Z - 16", Renishaw PH1 Probe, Brown & Sharpe 4/33 Personal Computer With Monitor & Epson LX-810 Printer

1 – **JONES & LAMSON EPIC 30 30" OPTICAL COMPARATOR / COORDINATE MEASURING MACHINE**, E42724 **(1975)** M#13302, Table Size 8-1/2" x 32", 15° Table Swivel, Tri-Onics Econo-Max II 2-Axis Digital Readout, Jones & Lamson Decimetric Pedestal Type Control

1 – **HOMMELWERKE FORM 1000 FORM MEASUREMENT SYSTEM**, S/N 026-195 **(1995)** M#N/A, With Dell Dimension XPS 466V Pentium Personal Computer, With Samsung Monitor & Hewlett Packard Deskjet 500 Printer, Formica-Top Work Station

1 – **HOMMELWERKE LV-50E ROUGHNESS TESTER**, S/N M400M-M0435292 **(1992)** M#N/A, Tru-Stone 18" x 24" Black Granite Surface Plate, Compound 5-3/4" x 12-1/4" Cross Slide Work Table, Hommel RC4000 Controller, Dell 466DM Pentium PC, Monitor & Hewlett Packard Deskjet 500 Printer, Kinetic Systems Vibraplane Work Station

1 – **JONES & LAMSON MODEL PC-14A 14" OPTICAL COMPARATOR & MEASURING MACHINE**, S/N 46328 M#15952, Table Size 6" x 30"

1 – **WILSON TYPE 4JR ROCKWELL HARDNESS TESTER,** S/N 3573 M# 12571

1 – **PINK GRANITE 48" X 72" X 12" SURFACE PLATE**

1 – **ACE PINK GRANITE 36" X 48" X 6" 4-LEDGE SURFACE PLATE**

1 – **STANDARD BLACK GRANITE 36" X 48" X 6" SURFACE PLATE**

2 – **BLACK GRANITE 24" X 36" X 6" SURFACE PLATES** Above 5 Surface Plates With Stands

2 – **BLACK GRANITE 18" X 24" X 4" SURFACE PLATES**

To be sold Both Days

1 – **PHILIPS MODEL MCRS-2000 X-RAY INSPECTION UNIT**, SN 0022E, Tested To 120kv-2ma, Table Size 14" Diameter, Longitudinal Table Travel 16", Cross Table Travel 36", (1) Philips Model MGC-35 KV Power System, (1) System Controller, (1) Solo Type CVS Constant Voltage

1 – **JONES & LAMSON 14" OPTICAL COMPARATOR AND MEASURING MACHINE**

1 – **HACH MODEL DR/300 SPECTROPHOTOMETER**

1 – **INSTRUMENT LABORATORIES MODEL AA/AS-457 ATOMIC ABSORPTION SPECTROPHOTOMETER**

1 – **LABTEST MODEL CRT-1000 SPECTROPHOMETER DATA ACQUISITION AND READOUT SYSTEM**

1 – **LECO NEOPHOT-21 METALLOGRAPH INVERTED INSPECTION MICROSCOPE**, With Sanyo Video Camera and Monitor, Light, Power Supply

1 – **UNITRON SERIES N NO. 5495S INVERTED MICROSCOPE**, M#12737, Polaroid Camera Attachment

1 – **AMERICAN OPTICAL STEREO ZOOM MICROSCOPE**

1 – **REICHERT STEREO ZOOM MICROSCOPE**

1 – **SHIMADZU TYPE M MICRO HARDNESS TESTER**, S/N 78323 M#16563, With Microscope

5 – **WILSON ROCKWELL HARDNESS TESTERS**, (2) **MODEL 4DT-P**, S/Ns 525-108 M#16524, 522-1081 M#16521, Digital Readout, (1) **MODEL 5-JR**, S/N 5JR-759, (1) **MODEL 4-JR**, S/N 4JR-1779, (1) **3-JR**, S/N 2352

2 – **TAYLOR-HOBSON SURFTRONIC-3 & SURFTRONIC-2 PROFILOMETERS**

1 – **SARTORIUS MODEL 2432 200-GRAM ENCLOSED ANALYTICAL BALANCE SCALE**, M#15456

2 – **MARPOSS 2-STATION CRANKSHAFT MEASURING MACHINES**, M#16547, N/A, With (11) Model EB Manometers

1 – **MARPOSS CRANKSHAFT INSPECTION UNIT**, M# 18548, With Marposs E-9066 Microprocessor, S/N 8E12468, Keypad Data Entry Unit, Samsung Sync-Master Model 3NE Color Monitor

1 – **B & S NO. 583 HITE-SET GAGE**

1 – **B & S MODEL 5851 HEIGHT MASTER GAGE**

2 – **STARRETT 26" HEIGHT GAGES**

3 – **B & S 24" HEIGHT GAGES**

2 – **GREIST MICRO-HEIGHT GAGES**

1 – **FOWLER 6" HEIGHT GAGE**

1 – **B & S 12" HEIGHT GAGE**

2 – **STARRETT & BROWN & SHARPE 8 PIECE MICROMETER SETS**

6 – **STARRETT 1D MICROMETER SETS**

4 – **ENCO DIGITAL MICROMETERS**

1 – **HOKE GAGE BLOCK SET**

8 – **MYER PIN GAGE SETS**

2 – **HELIOS DEPTH MICROMETERS**

16 – **STARRETT DIAL BORE GAGE SET**

1 – **BROWN & SHARPE DIGI-HITE II DIGITAL HEIGHT GAGE**

2 – **MITUTOYO & BROWN & SHARPE 24" HEIGHT GAGES**

1 – **MITUTOYO DIGIMATIC MODEL DP-1-NS MINI PROCESSOR**, With Digimatic Indicator and Stand

2 – **MITUTOYO DIGIMATIC INDICATORS**

1 – **MOJAVE 36" X 60" 6" BLACK GRANITE SURFACE PLATE**, Stand

8 – **BLACK GRANITE 24" X 36" X 6" 2-LIP SURFACE PLATES**, (1) 36" x 48" x 48", (2) 24" x 36" x 4", (3) 18" x 24" x 4", (2) 8" x 12" x 2",

1 – **PINK GRANITE 12" X 12" X 4" 2-LIP SURFACE PLATE**

3 – **PINK GRANITE SURFACE PLATES**, (2) 36" x 48" x 10", (1) 24" x 36" x 4",

2 – **COLLINS MICRO-FLAT 18" X 24" X 4" PINK GRANITE SURFACE PLATES**

1 – **BLACK GRANITE 6" X 6" X 2" SURFACE PLATE**

3 – **CAST IRON RIBBED 18" X 24" SURFACE PLATES**

1 – **BURRELL MODEL 75 WRIST ACTION SHAKER**

1 – **CORNING MEGA-PROBE 6-LITER AUTOMATIC STILL**, M#16560, With ACS Automatic Collection System

1 – **B-K PRECISION 4017 10-MHZ SWEEP FUNCTION GENERATOR**

1 – **CLAY ADAMS MODEL DYNAC-II CENTRIFUGE**, M#17910

1 – **METTLER PM4000 .4100-GRAM DIGITAL PLATFORM SCALE**

1 – **BLUE-M STABIL-THERM BENCH TYPE GRAVITY OVEN**

1 – **BUEHLER SIMPLIMET-II HAND HYDRAULIC MOLD PRESS**, M#13904

1 – **BUEHLER QUAD ABRASIVE BELT SANDER**, M#16561

1 – **BUEHLER ABRASIVE DUAL BELT SURFACER**, M#372, 4" Belts

1 – **CANON CONSTANT BATH**

1 – **FISHER ACCOMET MOD. 825-MP PH METER**, M#16019

2 – **BENCH CENTERS**, (1) 10" X 18" M#515, (1) 10" X 14"

1 – **PRECISION 10" X 12" TAPPED SINE PLATE**

1 – **McCULLOCH 2-STATION PRESSURE DECAY LEAK DETECTOR**, Uson Controls

1 – **TAFT PEIRCE 18" BENCH CENTER**

1 – **BRENCOR 12" PRECISION BENCH CENTER**

1 – **PRECISION 6" X 12" COMPOUND MAGNETIC SINE PLATE**

2 – **MEYER PIN GAGE SETS**

1 – **DEARBORN GAGE BLOCK SET**

1 – **CADILLAC MODEL HG-12 PLA-CHEK GAGE**

1 – **MITUTOYO TRANSFER STAND**

1 – **BAUSCH & LOMB STEREO 1 MICROSCOPE**

2 – **STARRETT WEBBER GAGE BLOCK SETS**

2 – **FEDERAL DIMENSIONAL GAGES**

1 – **FOWLER SUPERBORE GAGE**

1 – **STARRETT SURFACE GAGE**

1 – **TESA 8" VERNIER CALIPER**

1 – **TIPLOR GAGE**

1 – **JO-PLUG SET**

3 – **LUFKIN MICROMETER DEPTH GAGES**

1 – **PHOENIX DROP INDICATOR**

1 – **CADILLAC PLA-CHEK MASTER HEIGHT GAGE**, With Riser

1 – **GIDDINGS & LEWIS PRECISION 4-TUBE MANOMETER**

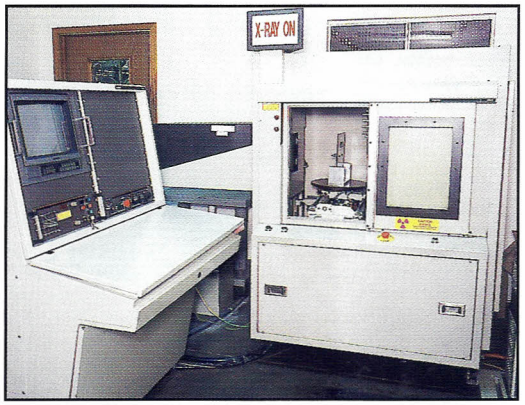
1 – **BENDIX-SHEFFIELD PRECISION 4-TUBE MANOMETER** M#15317

Hot Plates, Power Supplies, Dial Indicators, Indicator Stands, Dial Bore Gages, Flow Gages, Vacuum Gages, Snap Gages, Plug Gages, Misc. Gages, Torque Wrenches, Micrometers, Parallels, Set-Up Blocks, V-Blocks, Angle Plates

NORMAN LEVY ASSOCIATES, INC.
Headquarters: Phone 248-353-8640 • Fax 248-353-1442
21415 Civic Center Drive • Southfield, Michigan 48076
INTERNET ADDRESS: **http://www.normanlevy.com** • E-MAIL ADDRESS: **headquarters@normanlevy.com**
Boston • Chicago • San Francisco • Atlanta • Flagstaff • Coventry, England
Auctioneers / Liquidators / Appraisers



LECO NEOPHOT-21 METALLOGRAPH
INVERTED INSPECTION MICROSCOPE



PHILIPS MODEL MCRS-2000
X-RAY INSPECTION UNIT

CONVEYOR SYSTEM

To be sold 2nd Day, Wednesday, May 12th

1 – **PRAB CONVEYORS INC. SCRAP CONVEYOR REMOVAL SYSTEM.** Consisting of Approx. 260' of 30' Wide Underground Steel Conveyor, Approx. 132' or 36'W Above Ground Steel Slat Type Conveyor Flat, Inclined & Discharge Type, Wall Mounted Control Panel

FLOOR EQUIPMENT

To be sold 2nd Day, Wednesday, May 12th

1 – **TENNANT MODEL 528 LPG POWERED RIDER TYPE FLOOR MACHINE**, S/N 528-31260

1 – **TENNANT MODEL 355 ELECTRIC POWERED RIDER TYPE FLOOR MACHINE**, S/N 355-1406

To be sold both Days

1 – **TENNANT MODEL 285 40" GAS FLOOR SCRUBBER AND SWEEPER**, S/N 285-10070

1 – **TENNANT 465ES ELECTRIC FLOOR SCRUBBER**

1 – **CLARK VISION-20 ELECTRIC FLOOR SCRUBBER**, With Charger, D2

1 – **24" GAS FLOOR SWEEPER**, Kohler Command-5 Engine

SCISSORS PLATFORM LIFT

To be sold 2nd Day, Wednesday, May 12th

1 – **GROVE SM3160L 1,000-LB SELF PROPELLED HYDRAULIC SCISSORS PLATFORM LIFT**, S/N 24775, Maximum Lift 25', Platform Size 48" x 120"

MATERIAL HANDLING

To be sold 2nd Day, Wednesday, May 12th

1 – **BLUE WATER 2-TON FREE STANDING JIB CRANE**, Coffing 2-Ton Electric Chain Hoist, 12' Under Jib

1 – **LTE BOOM MODEL 8-12 HYDRAULIC FORKLIFT AERIAL BUCKET ATTACHMENT**, S/N 2484 M#18521

1 – **FREE STANDING 1/2-TON JIB CRANE**, With Aro 1/2-Ton Pneumatic Chain Hoist

20 – **CROWN, BLUE GIANT, PROMATCH, WESCO, WRANGLER 5,000-LB PALLET JACKS**

1 – **HERCULES FOOT-OPERATED HYDRAULIC PLATFORM LIFT TRUCK**

85 – **INTERLAKE ADJUSTABLE STEEL PALLET RACKS**

200 – **PALLETAINER RIGID AND COLLAPSIBLE WIRE BASKETS**

1 – **ACCO MANSAVER 2,000-LB C-FRAME CRANE FORK ATTACHMENT**, S/N 6029

17 FORKLIFT TRUCKS

To be sold 2nd Day, Wednesday, May 12th

1 – **YALE MODEL GG-080-LBNSBS-083 8,000-LB LP-GAS FORKLIFT TRUCK**, S/N P374311, Maximum Lift 124", Forks 48", Driver Overhead Guard, Solid Tires

3 – **CATERPILLAR LP-GAS FORKLIFT TRUCKS**,
(1) **MODEL T40D 4,000-LB**, S/N 8EB11452,
(2) **MODEL T35D 3,500-LB**, S/Ns 5GB080801, N/A,
All with Maximum Lift 173", Forks 42", Driver Overhead Guard, Solid Tires

8 – **CATERPILLAR MODEL T30D 3,000-LB LP-GAS FORKLIFT TRUCK**, S/N'S 5GB08702, 5GB080709, 50GB08711, 5GB08801, 5GB08131, 5GB0855, 5GB0870, (1) N/A, Maximum Lift 271", Forks 42", Side Shift Attachment, Driver Overhead Guard, Solid Tires

1 – **CLARK MODEL GCX15E 2,750-LB LP-GAS FORKLIFT TRUCK**, S/N GX127E-0912-9345KF, Maximum Lift 122", Forks 42, Side Shifter, Driver Overhead Guard, Solid Tires

1 – **RAYMOND MODEL 31RT30TT 3,000-LB ELECTRIC STAND-UP RIDER NARROW AISLE FORKLIFT TRUCK**, S/N 031G-92-1768, Max. Lift 252", Forks 42", Rotating Fork Attachment, Driver Overhead Guard, Solid Tires

1 – **CROWN MODEL 20MT 2,000-LB ELECTRIC WALKIE-TYPE FORKLIFT TRUCK**, S/N 28981, Maximum Lift 110", Forks 60", Battery Charger

1 – **CLARK MODEL NP300-30B 1200 LB. CAPACITY NARROW AISLE STAND-UP RIDER TYPE ELECTRIC FORKLIFT TRUCK**, S/N NP246-208-3996-FA, Maximum Lift 245", Solid Tires, Overhead Guard

1 – **CROWN MODEL 10-HS 1,000-LB HAND HYDRAULIC FORK LIFT TRUCK**, S/N 32230 M#16496, Maximum Lift 74"

BRIDGE CRANES

To be sold 1st Day, Tuesday, May 11th

1 – **FREE STANDING SINGLE GIRDER DOUBLE BRIDGE OVERHEAD BRIDGE CRANE**, 20' Span x 60' Runway, (1) Yale 3-Ton Chain Hoist, (1) C-M 2-Ton Chain Hoist, Both With 6-Way Pendant Control

To be sold 2nd Day, Wednesday, May 12th

1 – **OVERHEAD SINGLE GIRDER 3-TON CAPACITY TRAVELING BRIDGE CRANE**, 6' Span x 90' Runway, 6-Way Pendant Control (Outside)

2 – **DETROIT CABLE 7-1/2-TON SINGLE GIRDER TRAVELING BRIDGE CRANES**, 16' Span x 180' Runway, Radio Controlled

1 – **ROBBINS & MYERS 5-TON SINGLE GIRDER TRAVELING BRIDGE CRANE**, 18' Span x 85' Runway, Pendant Control

MISCELLANEOUS EQUIPMENT

To be sold 1st Day, Tuesday, May 11th

1 – **HEIDRICH-NOURSE MODEL 150VS AIR-OPERATED PEDESTAL MARKING MACHINE**, S/N 3206

1 – **BOYAR-SCHULTZ NO. 2 PROFILE GRINDER**, S/N 3350 M#15979, Adjustable Table Size 18" x 20", Motor in Base

1 – **FERGUSON MODEL F VERTICAL TAPPING MACHINE**, S/N 120459 **(1977)**, Coolant Table Size 36" x 15", Coolant

1 – **RIDGID MODEL 535 1/8" TO 2" PIPE THREADER**, M#15808

2 – **BENCH TYPE SPEED LATHES**

1 – **3M-MATIC MODEL 22A CASE SEALING MACHINE**, S/N 8028 M#18445

6 – **DOUBLE END PEDESTAL GRINDERS**, (1) 12", (1) 10" M#7163, (1) 8", (3) 6"

2 – **BALDOR 6" SINGLE END PEDESTAL WIRE BRUSHES**, 5-HP

1 – **DAYTON MODEL 2Z646B 1" ABRASIVE BELT AND 8" DISC GRINDER**

2 – **PEDEDESTAL WIRE BRUSHES**

1 – **ABRASIVE 4" BENCH TYPE GRINDER**

1 – **CYCLE-DYNE TYPE A-50 INDUCTION HARDENER**, S/N 3726-A M#13357, Output 5-KW @ .450 Nom Feed, Input 1/60/440 8.2-KVA

To be sold 2nd Day, Wednesday, May 12th

1 – **DOALL 12" HYDRAULIC HORIZONTAL BAND SAW**, M#8844, Roller Infeed & Exit Tables, Power Clamp, 5-HP Hydr. System

1 – **CAMMANN C-86 METAL DISINTEGRATOR**, S/N 64979 M#16142, Head Model CMBL HD A1209, 3/60/460 15-KVA, 50% DC 250-AMPS, Volts Across Head Circuit 3 to 30, T-Slotted Table Size 22" x 16", Portable Base, Head Travel on Arm 18", Vertical Head Travel 22", Maximum Quill Travel 6"

1 – **GUYSON SUPER-6 BLAST CLEANING CABINET**, S/N 1057 M#16340, Size 40" x 32" x 28", DC-40 Dust Collector

1 – **D & K CHICAGO L-31 48" SECTION BRAKE**, S/N 115730

1 – **PEXTO 48" INITIAL TYPE HAND ROLLS**, M#6209

1 – **PEXTO 0-2520 52" X 16-GA FOOT-OPER. SHEAR**, M#368

1 – **5-HP Y-TYPE VACUUM PUMP**, With 100-Gallon Tank

1 – **PEDESTAL SCROLL BENDER**

1 – **BALDOR 6" DBL. END PEDESTAL GRINDER**, 1/2-HP Motor

1 – **DOUBLE END PEDESTAL GRINDERS**, (1) 10", (2) 8", (1) 6"

3 – **ABRASIVE CUT-OFF SAWS**, (1) 16", (2) 10"

1 – **McCULLOCH 1"/ 2" ABRASIVE BELT GRINDER**, With Stand

3 – **ABRASIVE BELT GRINDERS**, (2) 6", (1) 1-1/2",

1 – **4" PEDESTAL LEVER SHEAR**

1 – **UTILITY VAULT CO. INC. 1000-GALLON CAPACITY 18,000-LBS. FUEL STORAGE TANK**, With Tuthill Fil-Rite FR702 Filler Pump & Meter, M#18516

8 – **GORTIL AIR COND. INC. H-2280 AIR CHILLERS**, (Outside)

2 – **REGAL MODEL RBP66 ELECTRIC MIXERS**, S/Ns 19541 M#N/A, 67246 M#N/A, 1000-Lbs. Capacity

1 – **HAMMOND DK1055 DUST COLLECTOR**, S/N C5701 (Outside)

1 – **RIDGID 535 POWER PIPE THREADER**, S/N EC0934. C95

VEHICLES

To be sold 2nd Day, Wednesday, May 12th

1 – **1984 FORD CLUB WAGON 10 PASSENGER VAN**, V/N 1FB-HE21G3EHB13725, Auto. Trans., Air Cond., Pwr. Steering & Brakes

1 – **1977 DODGE CUSTOM 200 PICK-UP TRUCK**, V/N D24BF83197316, Auto. Trans., Air Cond., Pwr. Steering & Brakes

1 – **CHEVROLET 8 PASSENGER VAN**, V/N 1GAGG35K0H7106949, Auto. Trans., Air Cond., Pwr. Steering & Brakes

Inspection: Monday, May 10th
9 am to 4:30 pm and the mornings of the sale

Please See DIRECTIONS TO SALE On Page 14



4 OF 16 FORKLIFT TRUCKS



PARTIAL VIEW OF 85 INTERLAKE STEEL PALLET RACKS

All Items Listed On Pages 2-14 Will Be Sold From 900 Lake Havasu Ave. Lake Havasu City, Arizona
Tuesday & Wednesday, May 11th & 12th, Beginning at 10 am each day

MACHINE ACCESSORIES
To be sold 1st Day, Tuesday, May 11th

- 3 – ADVANCE MODEL B-15 15" CROSS SLIDE ROTARY TABLES, S/Ns B1501668 M#16551, B1501966 M#16552, B1506007 M#15969
- 3 – PRECISION TAPPED 12" X 16" SINE PLATES

To Be Sold Both Days

- 1 – PRATT & WHITNEY 16" TILTING ROTARY TABLE, S/N M-1828-0873-1-52
- 2 – GORTON 15" ROTARY TABLES
- 1 – ADVANCE NO. 15 15" ROTARY TABLE
- 1 – MOORE 11" PRECISION ROTARY TABLE
- 2 – PRECISION PARALLEL RISER CUBES 12" X 18" X 24"
- 7 – FLYNN MOORE, NAREX OFF-SET BORING HEADS
- 2 – MIDWEST 20" X 30" HYDRAULIC DIE TABLES, Foot-Operated
- 1 – LEXCO PORTABLE HYDRAULIC DIE TABLE
- 2 – SUNDSTRAND, P & W 36" BENCH CENTERS
- 1 – QUALITY GRINDING 6" X 6" COMPOUND MAGNA-SINE PLATE
- 1 – COMPOUND 5" X 10" MAGNA-SINE PLATE
- 1 – COMPOUND 6" X 6" SINE PLATE
- 1 – EXCELLO 12" X 12" SINE PLATE
- 7 – LASALLE TOOL CONTROL BOARDS
- 1 – HARDINGE INDEX & DIVIDING HEAD
- 1 – K & T INDEX & DIVIDING HEAD
- 2 – YUASA & SPINDEX COLLET FIXTURE
- 1 – LAST WORD RADIUS DRESSER
- 3 – CRANK TYPE DIE LIFTS
- 1 – ELDORADO MODEL B GRINDING FIXTURE
- 1 – ROCKLINIZER MODEL 312 ELECTRIC ETCHER
- 1 – HOLDRIDGE RADIUS-CUTTER
- 2 – COMPOUND 4" MACHINE VISES
- 10 – KURT 6" PRECISION MACHINE VISES
- 2 – K & T 6" MACHINE VISES
- 1 – ROTO-TEC SPRAY WELDER
- 1 – HARIG RELIEF GRINDING FIXTURE
- 2 – HYDRAULIC UNITS

C-Clamps, Whirl-A-Gig, Grinding Fixtures, Cast Iron Surface Plates, Pin Gages, Drill Chucks, Dead Centers, Live Centers, Grinding Mandrels, Grinding Fixtures, Holddowns, Stud & Nut Sets, Boring Bar Sets, Boring Bars, Keyway Cutter Sets, Quick Change Tool

COMPUTER EQUIPMENT
To be sold 2nd Day, Wednesday, May 12th

- 2 – MICRON P-200 & P-166 PERSONAL COMPUTERS, 32-MB Ram, 1.2-GB Hard Drive, Monitor, Mouse, Keyboard
- 1 – PRIORITY P-150 PERSONAL COMPUTER, 32-MB Ram, 1.6-GB Hard Drive, Monitor, Mouse and Keyboard
- 1 – TDS MODEL P-150 PERSONAL COMPUTER, 16-MB Ram, 609-MB Hard Drive, Monitor, Mouse and Keyboard
- 4 – MICRON MODEL P-100 PERSONAL COMPUTERS, (2) 24-MB Ram, (1) 1-GB Hard Drive, 24-MB Ram, (1) 612-MB and 610-MB Hard Drives, (2) 16-MB Ram, Monitor, Mouse and Keyboard, (1) 1-GB Hard Drive, (1) 812-MB Hard Drive, All with Monitor, Mouse and Keyboard
- 1 – PRIORITY MODEL P-100 & P-74 PERSONAL COMPUTERS, 16-MB Ram, 1.2-GB & 1-GB Hard Drives, Monitor, Mouse and Keyboard
- 1 – TDS MODEL P-75 PERSONAL COMPUTER, 16-MB Ram, 609-MB Hard Drive, Monitor, Mouse and Keyboard
- 1 – ADVANTAGE P-75 PERSONAL COMPUTER, 16-MB Ram, 503-MB Hard Drive, Monitor, Mouse and Keyboard
- 1 – PRIORITY MODEL P-75 PERSONAL COMPUTER, 8-MB Ram, 427-MB Hard Drive, Monitor, Mouse and Keyboard
- 1 – PRIORITY PENTIUM PERSONAL COMPUTER, 16-MB Ram, 850-MB Hard Drive, Monitor, Mouse and Keyboard
- 1 – PRIORITY 486-100 PERSONAL COMPUTER, 32-MB Ram, 1-GB Hard Drive, Monitor, Mouse and Keyboard
- 2 – TDS, PRIORITY 486-66 PERSONAL COMPUTERS, 16-MB Ram, 503-MB Hard Drive, Monitor, Mouse, Keyboard
- 1 – CENTRIX 486-66 PERSONAL COMPUTER, 16-MB Ram, 850-MB Hard Drive, Monitor, Mouse and Keyboard
- 3 – TDS MODEL 486-66 PERSONAL COMPUTERS, 16-MB Ram, 514-MB Hard Drive, 16-MB Ram, 609-MB Hard Drive, 20-MB Ram, 514-MB Hard Drive, All with Monitor, Mouse and Keyboard
- 1 – TDS PRIORITY, DELL MODEL 486-66 PERSONAL COMPUTER, 8-MB Ram, 106 to 420-MB Hard Drive, Monitor, Mouse and Keyboard
- 1 – PRIORITY 386-75 PERSONAL COMPUTER, 16-MB Ram, 1.2-GB Hard Drive, Monitor, Mouse and Keyboard
- 1 – TDS 386-66 PERSONAL COMPUTER, 8-MB Ram, 518 to 808-MB Hard Drive, Monitor, Mouse and Keyboard
- 2 – HEWLETT-PACKARD LASERJET LASER PRINTERS, Models: (1) 5-L, (1) 4-Plus
- 6 – HEWLETT-PACKARD DESKJET COLOR INKJET PRINTERS, Models: (1) 1120C, (1) 890C, (1) 820CSE, (1) 560C, (1) 600, (1) 540
- 1 – HEWLETT-PACKARD MODEL 2300 FORM PRINTER
- 2 – OKIDATA MICROLINE DOT MATRIX PRINTERS, Models: (1) 591, (1) 321

OFFICE EQUIPMENT
To be sold 2nd Day, Wednesday, May 12th

- 2 – CALCOMP 8-COLOR PLOTTERS, MODELS 1043 32", 1023 24"
- 3 – HAMILTON DRAFTING TABLES, Vemco V-Track Drafting Machines
- 1 – MARTIN YALE AUTOMATIC FORM FOLDER
- 1 – PANAFAX UF300 FAX MACHINE
- 1 – SANYO MODEL DS-255-30 27" COLOR TELEVISION, With Sanyo Model VMW-330 Video Cassette Recorder and Stand
- 1 – OZALID MODEL 495-SPV 48" BLUEPRINT MACHINE
- 1 – ECKEL INDUSTRIES AUDIOMETRIC HEARING TEST BOOTH, S/N 6201-32, Maico MA800 Digital Acoustical Test Meter
- 1 – TILT-BACK EXAMINATION CHAIR, With Luxo Magnifying Lamp
- 1 – TOWER 1-DOOR FLOOR SAFE

(2) Cherry Woodframe Double Pedestal Desks and Credenzas, (3) Woodframe Double Pedestal Desk and Credenzas, (14) Formica Top Desks and Credenzas, (1) Formica Top Cabinet and Counter, (17) Formica Top Double Pedestal Desks, (16) Formica Top Office Tables, (21) Bookcases, (24) Formica Top Folding Tables, (74) 4-Drawer File Cabinets, (6) 3-Drawer File Cabinets, (17) 2-Drawer File Cabinets, (1) 5 Drawer Lateral File Cabinet, (12) 2-Drawer Lateral File Cabinets, (39) 5-Drawer Blueprint File Cabinets, (300) Lateral Tube Blueprint Files, (50) 2-Door Supply Cabinets, (350) Adj. Steel Shelving Units, etc.

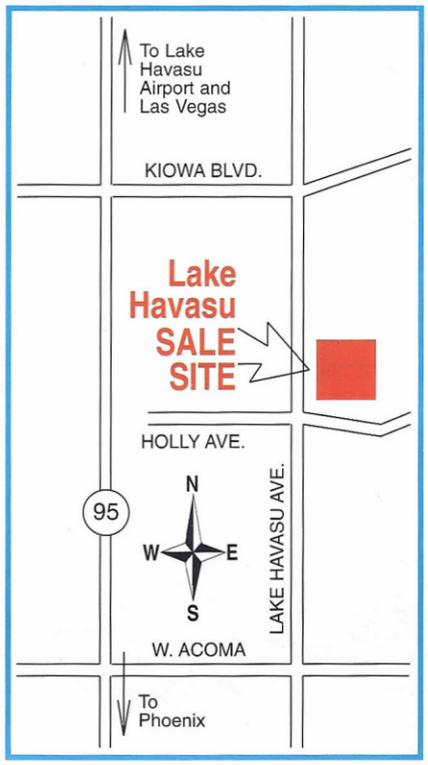
Inspection: Monday, May 10th 9 am to 4:30 pm and the mornings of the sale

DIRECTIONS TO SALE

FROM LAKE HAVASU AIRPORT: At exit turn left (south) on Arizona Hwy-95. Travel south on Arizona Hwy-95 approximately 5 miles to Kiowa Boulevard. Turn left (east) to Lake Havasu Avenue. Turn right (south) on Lake Havasu Avenue to the sale site. Watch for auction and parking signs.

FROM LAS VEGAS NEVADA: Follow US-95 South to I-40. Follow I-40 East to Arizona Hwy-95. Follow Arizona Hwy-95 South to Kiowa Boulevard in Lake Havasu City. Turn left (east) to Lake Havasu Avenue. Turn right (south) on Lake Havasu Avenue to the sale site. Watch for auction and parking signs.

FROM PHOENIX ARIZONA: Follow I-10 West to Arizona Hwy-95. Travel north on Arizona Hwy-95 to Kiowa Boulevard in Lake Havasu City. Turn right (east) to Lake Havasu Avenue. Turn right (south) on Lake Havasu Avenue to the sale site. Watch for auction and parking signs.



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n Tucson Includes:

± 38,000 Electric Trimmers
± 120 Gasoline Powered Chain Saws
± 600 Gasoline Powered Trimmers
± 100 Gasoline Powered Blowers
± 400 Gasoline Powered Hedgetrimmers
± 35 Electric Chain Saws
± 260 Electric Blowers
Also Including Thousands of
Used & Refurbished Products







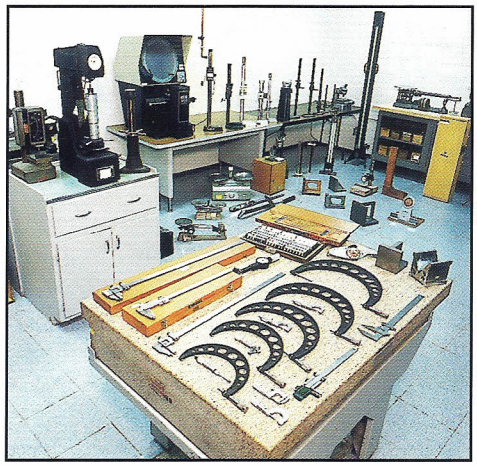


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To Be Sold

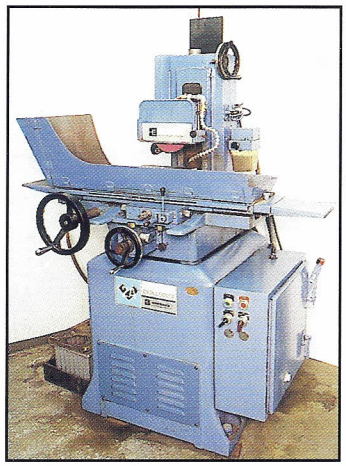
INSPECTION
Wednesday, May 12th
9 am to 4:30 pm and morning of the sale

NORMAN LEVY ASSOCIATES, INC.
Headquarters: Phone 248-353-8640 • Fax 248-353-1442
21415 Civic Center Drive • Southfield, Michigan 48076
INTERNET ADDRESS: **http://www.normanlevy.com** • E-MAIL ADDRESS: **headquarters@normanlevy.com**
Boston • Chicago • San Francisco • Atlanta • Flagstaff • Coventry, England
Auctioneers / Liquidators / Appraisers

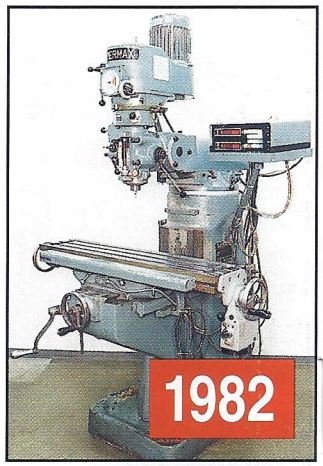
All Items Listed On Pages 15-19 Will Be Sold THURSDAY, MAY 13th Beginning 10 am from the Tucson, Arizona Headquarters Facility



PARTIAL VIEW OF INSPECTION EQUIPMENT



BOYAR-SCHULTZ CHALLENGER 2A 6" X 18" SURFACE GRINDER



SUPERMAX YC-1-1/2VS 2-HP VARIABLE SPEED MILL

TOOLROOM

1 – **SUPERMAX MODEL YC-1-1/2VS 2-HP VARIABLE SPEED VERTICAL MILLING MACHINE**, S/N 128145 **(1982)**, Table Size 9" x 42", Spindle Speed Range 60 to 4200 RPM, Power Table, One-Shot Lubrication, Bausch & Lomb Acu-Rite II 2-Axis Digital Readout

1 – **TREE MODEL 2UVR 1-1/2-HP 10-SPEED VERTICAL MILLING MACHINE**, S/N 6066, Table Size 10-1/2" x 42", Spindle Speed Range 60 to 3300 RPM

1 – **CINCINNATI MODEL 12-1/2 TRAY-TOP 12-1/2" X 42" C.C. QUICK CHANGE GEARED HEAD LATHE**, S/N 1W2E5D-60, Spindle Speed Range 53 to 1800 RPM, Feeds .0020 to .1224 IPR, Threads 3 to 184 TPI, Hole Thru Spindle 1-1/4", Taper Attachment, Thread Chasing Dial, SWI Trak 102 2-Axis Digital Readout

1 – **BOYAR-SCHULTZ CHALLENGER MODEL 2A 6" X 18" HYDRAULIC SURFACE GRINDER**, S/N N/A, 6" x 18" Permanent Magnetic Chuck, Hydraulics In Base, Coolant System, 1-HP - 3450 RPM Spindle

1 – **HAMMOND MODEL CB-77 DOUBLE END CARBIDE TOOL GRINDER**, S/N 7170, 2-1/2" Table Mounted Vise, Table Size 8" x 14", 1/2-HP - 3450 RPM Spindle

1 – **BALDOR TYPE S3994 6" DOUBLE END PEDESTAL TYPE CARBIDE TOOL GRINDER**, S/N 11-50, 1/2-HP - 3450 RPM Motor

1 – **POWERMATIC MODEL 87 20" VERTICAL CONTOUR METAL CUTTING BAND SAW**, S/N 87266, Table Size 24" x 24", Blade Speeds 37 to 4500 FPM, Powermatic Model 60 Blade Welder

1 – **DOALL MODEL ML 16" VERTICAL CONTOUR METAL CUTTING BAND SAW**, S/N 5115354, Table Size 24" x 24", Blade Speeds 50 to 1600 FPM, DoAll Model DBW-1A Blade Welder

1 – **DELTA MILWAUKEE 14" VERTICAL CONTOUR METAL CUTTING BAND SAW**, S/N N/A, Table Size 14" x 14", 3/4-HP Motor

1 – **RAMCO MODEL RS-90 HORIZONTAL/VERTICAL METAL CUTTING BAND SAW**, S/N 2733, Capacity 13"W x 8-1/2"H, Blade Speeds 55 to 153 FPM, Coolant System, 3/4-HP Motor

1 – **DELTA/ROCKWELL 10" TILTING ARBOR TABLE SAW**, S/N 1235845, Table 27" x 36", Motor In Base

1 – **DAKE MODEL 506 50-TON CAPACITY H-FRAME HYDRAULIC SHOP PRESS**, S/N 143270, Distance Between Posts 32", Adjustable Bed

1 – **CABET 12" DOUBLE END PEDESTAL TYPE BUFFING JACK**, S/N N/A

1 – **INDUSTRIAL CLEANING MACHINES MODEL SS60E AD-A-BLAST CABINET**, S/N SS60E-4-78-4, Size 36" x 24" x 20", I.C.M. Dust Collector

1 – **DAYTON TRADESMAN MODEL 32919 20" FLOOR TYPE DRILL**, Size 13-3/4" X 15-3/4", 3/4-HP Motor

1 – **DELTA 17" FLOOR TYPE DRILL**, S/N N/A, Table Size 12-1/2" x 17", 3/4-HP Motor

1 – **ROCKWELL 17" FLOOR TYPE DRILL**, S/N 84-9922, Table Size 10" x 12", 3/4-HP Motor

1 – **DELTA 15" TABLE TYPE DRILL**, S/N N/A, Table Size 10" x 10", 1/2-HP Motor

1 – **BUFFALO NO. 15 15" FLOOR TYPE DRILL**, S/N N/A, Table Size 10" x 11"

MACHINE ACCESSORIES

1 – **BRIDGEPORT 12" PRECISION ROTARY TABLE**, S/N 17626

3 – **ENCO 6" PRECISION MACHINE VISES**

2 – **ASSORTED INDEX & DIVIDING HEADS**

1 – **PRECISION TOOL CO. UNIVERSAL TOOL HEAD**

1 – **CRALEY OFFSET BORING HEAD**

1 – **HARDINGE SPINDLE NOSE LATHE CHUCK**

1 – **5C COLLET SET**

1 – **KDK QUICK CHANGE TOOL POST SET**

2 – **QUICK ACTION DRILL VISES**

2 – **DUMORE TOOL POST SETS**

Assorted R-8 Toolholders, Drill Chucks, Holdowns, 5C Collets, Speed Chuck, Demagnetizer, Bench Top Precision Lathe, Bench Top Precision Drill, Collet Fixtures, Etc.

AIR COMPRESSORS

1 – **INGERSOLL-RAND U25HE-SP/SSR 25-HP ROTARY SCREW AIR COMPRESSOR**, S/N K7882U89F **(1989)**

1 – **VERTICAL 200-GALLON AIR RECEIVING TANK**

1 – **INGERSOLL-RAND CHARGE AIR PRO 5-HP VERTICAL TANK MOUNTED AIR COMPRESSOR**, S/N N/A

1 – **DAYTON MODEL 4B236 5-HP VERTICAL TANK MOUNTED AIR COMPRESSOR**, S/N L4/16/96-09775

1 – **ZEKS/MOMONOX MODEL CDP0171000 AIR PURIFIER**, S/N 61445

FABRICATING

1 – **ROPER WHITNEY CO. U416 4' X 16 GA. CAPACITY HAND TYPE FINGER BRAKE**, S/N 1784-2-94

1 – **ROTEX PUNCH CO. MODEL 18BK-62 18-STATION C-FRAME TURRET PUNCH**, S/N 13636, Throat 24"

1 – **PEXTO 137-J 37" PNEUMATIC POWER SHEAR**, S/N 11-47, Table 14" x 37", Foot Operated Pneumatic Control

DYNAMOMETERS

2 – **SCHENCK SMALL ENGINE WATER BRAKE DYNAMOMETERS**, (1) **TYPE W-50 TYPE 50-HP NO. 2**, S/N LWE0042, Consisting Of: T-Slotted Base Table Size 32" x 36", Himmelstein System 6 Digital Counter/Display, Doric DS-300 Thermocouple Indicator, T.D.S. 250MB Hard Drive, (1) **TYPE 40-HP NO. 4**, Consisting Of: T-Slotted Base Table Size 32" x 36", Himmelstein Torquemeter & Digital Display, Setra 5000.00G Digital Scale, Keithley Model 500A Measurement & Control System, Getty's Servo Motor, Vacuum Column Flow Meter, (2) 250 MB Hard Drives, Printer, Both With Monitor, Keyboard, Water Column Flow Meter, Control Panel, Etc.

1 – **GENERAL ELECTRIC SMALL ENGINE 50-HP DYNAMOMETER NO. 3**, Consisting Of: (2) T-Slotted Base Table Sizes 12" x 12", (2) Himmelstein Digital Display Counters, Doric Thermocoupling Indicator, Grieve Mini Lab Oven, Setra 5000.00G Digital Scale, Keightley Model 500A Measurement & Control System, 250MB Hard Drive, Keyboard, Monitor, Printer, Control Panel, Etc.

1 – **QUICK SMALL ENGINE WATER BRAKE TYPE 40-HP DYNAMOMETER NO. 1**, S/N 0027, Consisting Of: T-Slotted Base Table Size 16" x 24", Vacuum Tank & Flow Meter, Starter Motor, Emerson Industrial Controls

1 – **MAGTROL ED-715-6 55.0-LB. MINI DYNAMOMETER**, S/N 6HD715196, With Magtrol Model 5220 Dynamometer Control, Readout & Cart

WELDERS

2 – **HOBART CYBER-TIG 120 SERIES MODEL CT-300 300-AMP AC/DC PRECISE CONTROL MODULAR TIG ARC WELDERS**, S/Ns 12RT-24753, 12RT-31794

1 – **ALLOY WELD / COMMERCIAL CAM & MACHINE 100-KVA G16H32-120RH PRESS TYPE SPOT WELDER**, S/N 412136

TEST EQUIPMENT

1 – **HORIBA INSTRUMENTS EMISSIONS TESTING SYSTEM**, Consisting Of: Flame Ionization Analyzer, Infrared Analyzer, Magneto-Pneumatic Analyzer, Chemiluminsecent Analyzer, Model 410 NOX Generator, Manifold Gage, Temperature Indicators, Control Panel, Etc.

1 – **BLUE M ELECTRIC MODEL 1004-8C-1 SINGLE DOOR ENVIRONMENTAL CHAMBER**, S/N VR8-384, I.D. Size 24" x 24" x 24", Temperature Range Minus 73° C to 204° C, 3-KW, Digital Temperature Control, Over Temperature Protection Control, Percentage Timer, 1/2-HP Blower Motor, Vacuum System

1 – **CUSTOM BUILT SHOCK & VIBRATION TEST SYSTEM**, Consisting Of: Roller Conveyor & Clamping Unit, (6) Bruel & Kjaer Type 2635 Charge Amplifiers, Merc-Tronic RPM Meter, Impact Test Frame, Control Cabinet, Etc.

1 – **SLAUGHTER MODEL 2306-3 HIPOT TESTER**

1 – **TEKTRONIX MODEL 2252 OSCILLOSCOPE**

1 – **NICOLET MODEL 30A RANGE TRANSLATION UNIT**

1 – **DANA MODEL 5400 DIGITAL VOLTMETER**

2 – **R.F.L. MODEL 1295 & BELL MODEL 610 GAUSMETERS**

1 – **POWER RESISTOR DECADE BOX**

1 – **VALENITE POWER MONITOR**

1 – **TEKTRONIX MODEL 2505 WONDERSCOPE**

1 – **HORIBA EMISSION Co2 TESTER**

1 – **GOLD STAR MODEL GP-505 POWER SUPPLY**

1 – **SPECIAL BUILT CHAIN BRAKE TESTER**

1 – **SPECIAL BUILT IMPACT TESTER**, With Cooper Instruments Digital Readout

10 – **SPECIAL BUILT TEST STANDS**

1 – **SPECIAL BUILT CHAIN BRAKE KICK-BACK TESTER**

LABEL EQUIPMENT

2 – **INTERMEC MODEL 4400 DIGITAL LABEL PRINTERS**, S/Ns N309, N/A

1 – **ZEBRA MODEL 170xi LABEL PRINTER**

25 – **INTERMEC RF BAR CODE READERS**

PHOTOGRAPHIC EQUIPMENT

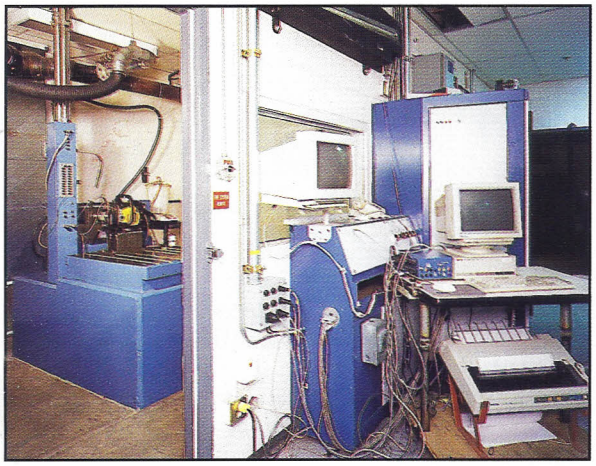
1 – **AGFA-GEVAERT REPOMASTER 2200 PLATE MAKER**, S/N 85-40907

1 – **AGFA-GEVAERT CP380 PROCESSOR**, S/N 5772

1 – **KODAK IMAGEMATE 43 DT PROCESSOR**, S/N 07868

A 10% BUYERS PREMIUM IS IN EFFECT FOR THIS SALE

DURANTE LA VENTA ESTARÁ EN EFECTO UNA PRIMA DEL 10% AL COMPRADOR



SCHENCK TYPE 40-HP NO. 4 SMALL ENGINE WATER BRAKE DYNAMOMETERS



HORIBA INSTRUMENTS EMISSIONS TESTING SYSTEM



BLUE M ELECTRIC 1004-8C-1 SINGLE DOOR ENVIRONMENTAL CHAMBER

INSPECTION

- 1 – OPTICAL GAGING PRODUCTS MODEL TOP BENCH PROJECTRON IV 14" OPTICAL COMPARATOR, S/N TB08061254 (1995), Table Size 4-3/8" x 17-3/4", Travels: X - 8" to 12", Y - 6", Working Distance 4"
- 1 – STARRETT HERMAN PINK 36" X 48" X 8" 2-LEDGE GRANITE SURFACE PLATE, S/N 213280, With Stand
- 1 – BLACK GRANITE 24" X 36" X 5" 2-LEDGE SURFACE PLATE
- 1 – WILSON ROCKWELL MODEL 4JS HARDNESS TESTER, S/N 1135
- 1 – OLYMPUS TOKYO LAB MICROSCOPE
- 1 – PRATT & WHITNEY SIGMATIC INDICATOR
- 1 – BROWN & SHARPE DIGI-HITE II 24" DIGITAL HEIGHT GAGE
- 1 – MITUTOYO MODEL HDS-G18 18" DIGITAL HEIGHT GAGE
- 1 – MITUTOYO 12" DIAL TYPE HEIGHT GAGE
- 1 – MITUTOYO 18" HEIGHT GAGE
- 2 – STARRETT & B & S 24" HEIGHT GAGES
- 1 – STARRETT DIGI-CHECK HEIGHT GAGE
- 1 – STARRETT 18" HEIGHT GAGE
- 1 – GEAR TOOTH VERNIER CALIPER
- 5 – ASSORTED PIN GAGE SETS
- 2 – REICHERTER MODELS R80DU & RS-2 ELASTICOMETERS
- 1 – PRECISE MODEL TTUR050 TORQOMETER
- 1 – PRATT & WHITNEY ELECTROLIMIT GAGE
- 1 – MITUTOYO TYPE B1-4 MICROSCOPE
- 1 – FAIRBANKS MODEL 70-B114 DIGITAL LAB SCALE
- 1 – ASTON VALVE CO. DEAD WEIGHT TESTER
- 8 – ASSORTED PRECISION GAGE BLOCK SETS
- APPROXIMATELY 20 ASSORTED MICROMETERS, To 24"
- 5 – B & S VERNIER CALIPERS, (4) 12", (1) 18"
- 2 – STARRETT INSIDE MICROMETER SETS
- 2 – STARRETT & LUFKIN PRECISION LEVELS
- 2 – SUNNEN GAGE SETTING FIXTURES
- 24 – ASSORTED DIAL BORE GAGE SETS
- 15 – SNAP-ON TORQUEMETERS
- 2 – STARRETT GROVE MICROMETERS

Very Large Quantity Assorted Dial Indicators, Indicator Stands, Angle Plates, V-Block, Precision Square, Thread Gages, Plug Gages, Depth Micrometers, Parallels, Wire Gages, Ring Gages, Deltronic Pin Gages, Weights, Scales, Balance Scales



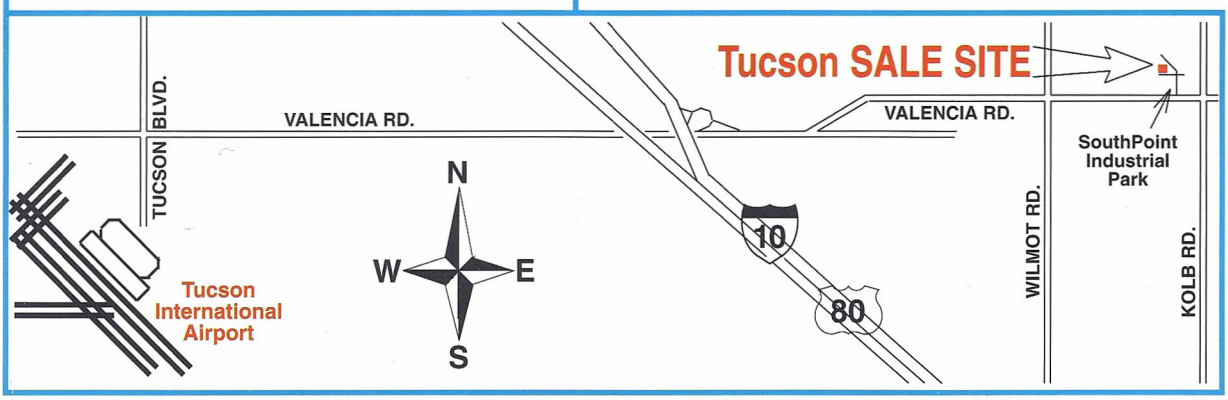
INGERSOLL-RAND U25HE-SP/SSR 25-HP ROTARY SCREW AIR COMPRESSOR

DIRECTIONS TO SALE

From Tucson International Airport

Exit airport onto Tucson Blvd. Proceed North on Tucson Blvd. approx. 7/10 mile to Valencia Road. Turn right (east) on Valencia Road and proceed approx. 5.5 miles to SouthPoint Industrial Park. Turn left into SouthPoint Industrial Park and proceed to S. McCulloch Dr. Turn left on S. McCulloch Drive and proceed to the sale site on the right side. Watch for auction and parking signs.

INSPECTION: Wednesday, May 12th
9 am to 4:30 pm and morning of sale



TERMS OF SALE

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. A deposit of 25% by cash or certified check will be required on all purchases. All payments must be made by Cash or Certified Checks made payable to Norman Levy Associates, Inc. Norman Levy Associates, Inc. and McCulloch North America Inc. assume no liability for errors or omissions in this listing.

Norman Levy Associates, Inc. expressly reserves the right to determine the manner of conducting the auction and to sell items by individual or group lots as it may deem appropriate.

IMPORTANT NOTICE

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", "where is" "in place", and "with all faults". The auctioneer expressly disclaims on the part of the auctioneer as agent and 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 and seller harmless from any future claim which shall pertain to the fitness or use of that asset as being purchased.

GUIDE FOR AUCTION PAYMENT

ON THE DAY OF THE SALE all purchases require a **deposit of not less than 25% IN CASH, CERTIFIED CHECK OR CASHIER'S CHECK. Purchases must be paid in full by CASH, CERTIFIED CHECK OR CASHIER'S CHECK**. Company Checks MUST be accompanied by a letter from the payor's bank guaranteeing unqualified payment to Norman Levy Associates, Inc. Your letter should be similar to the following: [Mr. "Customer Name" is a customer of this bank. This bank will guarantee unqualified payment to Norman Levy Associates, Inc. on the account listed herein up to the amount of $_____. This letter is valid until (date).] Company checks without letter from bank guaranteeing unqualified payment will not be accepted. All checks are to be made payable to Norman Levy Associates, Inc. Bank Wire Transfers to the account of Norman Levy Associates, Inc. will facilitate payment for final purchase, however, a 25% deposit is mandatory at time of purchase. We suggest you discuss this method with your banker prior to sale date. No equipment is to be removed until complete settlement is made.

Each buyer will be responsible for payment of any sales, Mexican VAT, export, use, and/or other taxes due to any federal, state, or local taxing authority in addition to the bid price and any buyer's premium for any asset as purchased, unless proper and acceptable evidence of a certificate of exemption with necessary incidental information with respect thereto is provided to Norman Levy Associates, Inc. at the time of payment and before removal of purchased asset.

All Items Listed On Pages 15-19 Will Be Sold THURSDAY, MAY 13th Beginning 10 am from the Tucson, Arizona Headquarters

(26) FORKLIFT TRUCKS

1 – **HYSTER MODEL E50XM-27 4,950-LB. CAPACITY ELECTRIC FORKLIFT TRUCK**, S/N F108V028395 **(1995)**, Side Shift, Maximum Lift 189", Solid Tires, Overhead Guard

1 – **CLARK MODEL C500-50 4,650-LB. CAPACITY LPG FORKLIFT TRUCK**, S/N 355-0655-5671FA **(1984)**, Rotating Forks, Maximum Lift 130", Solid Tires, Overhead Guard

8 – **CATERPILLAR MODEL 2EC20 4,200-LB. CAPACITY ELECTRIC FORKLIFT TRUCKS**, S/Ns A2EC261684, A2EC261681, A2E261671, A2EC261682, A2EC21683, A2E21696, A2EC21695, A2EC261670, Side Shift, Maximum Lift 190", Solid Tires, Overhead Guard, S/N A2EC261670 With Carton Clamp Attachment, No Side Shift

2 – **CLARK MODEL CGC20 4,000-LB. CAPACITY LPG FORKLIFT TRUCKS**, S/Ns C365L-0474-9407FB, C365L-0474-9401FB **(ALL 1996)**, Maximum Lift 189", Carton Clamp Attachment, Solid Tires, Overhead Guard

1 – **CATERPILLAR MODEL T30D 3,000-LB. GAS FORKLIFT TRUCK**, S/N A471165, Maximum Lift 130", Solid Tires, Overhead Guard

2 – **YALE MODEL GLCO30CDJUAE083 3,000-LB. CAPACITY LPG FORKLIFT TRUCKS**, S/N N34552 **(1975)**, S/N N547626, Maximum Lift 190", Solid Tires, Overhead Guard

1 – **CROWN MODEL 30RTDD 3,000-LB. CAPACITY REACH TYPE STAND-UP RIDING ELECTRIC FORKLIFT TRUCK**, S/N 1A23124, Maximum Lift 270", Solid Tires, Overhead Guard

1 – **CLARK MODEL GCS15 2,750-LB. CAPACITY ELECTRIC FORKLIFT TRUCK**, S/N G127-0160-9237KOF **(1993)**, Side Shift, Maximum Lift 122", Solid Tires, Overhead Guard

1 – **HYSTER MODEL N30FR 3,000-LB. CAPACITY STAND UP RIDER ELECTRIC FORKLIFT TRUCK**, S/N A217H02019S **(1995)**, Maximum Lift 251", Solid Tires, Overhead Guard

4 – **HYSTER MODEL E30XL 2,500-LB. ELECTRIC FORKLIFT TRUCKS**, S/Ns C114V08063S, C114V08066S, C114V08064S, C114V08065S **(ALL 1995)**, Side Shift, Maximum Lift 191-1/2", Solid Tires, Overhead Guard

1 – **CLARK MODEL GCS15 2,475-LB. CAPACITY ELECTRIC FORKLIFT TRUCK**, S/N G127-0448-9235KOF73 **(1994)**, Side Shift, Maximum Lift 188", Solid Tires, Overhead Guard

1 – **CLARK MODEL GCX20E 2,000-LB. CAPACITY LPG FORKLIFT TRUCK**, S/N GX230E-1417-9372FB **(1994)**, Brundi Carton Clamp, Maximum Lift 188", Solid Tires, Overhead Guard

2 – **CLARK NP300-30 NARROW-AISLE 1,200-LB. CAPACITY STAND-UP RIDER ELECTRIC FORKLIFT TRUCKS**, S/Ns NP246-234-3996FA, NP246-246-3996FA **(Both 1986)**, Max. Lift 245", Solid Tires, Overhead Guard



PARTIAL VIEW OF APPROXIMATELY 275 SECTIONS OF ADJUSTABLE STEEL PALLET RACKING

PALLET RACKING

APPROXIMATELY 275 SECTIONS ADJUSTABLE STEEL PALLET RACKING, Approx. 175 Sections Size 36" x 120" x 20'H, Approx. 100 Sections Size 18" x 96" x 84"H

STAKE TRUCK

1 – **1978 FORD MODEL F700 SINGLE AXLE STAKE TRUCK**, V/N N70F-VBC6372, 22' x 8' Stake Bed, 6.4L V-8 Gas Engine, 2-Speed Rear Axle, 5-Speed Transmission, GVW 27,500, Wheelbase 250"

HIGHWAY TRACTOR

1 – **1974 INTERNATIONAL HARVESTER F2070A FLEET STAR DIESEL SINGLE AXLE HIGHWAY TRACTOR**, V/N 75797CCB23751, Wheelbase 148", GVW 40,000, Detroit Diesel 221-HP Diesel Engine, Fuller Road Ranger RTO-9513 8-Speed Transmission

VANS

1 – **1994 FORD AEROSTAR XLT MINI-VAN**, V/N 1FMDA31UOPZA21613, 3.0L V-6 Gas Engine, Automatic Transmission, Air Conditioning, Full Power

1 – **1984 CHEVROLET CHEVY VAN 10 CARGO VAN**, V/N 1GCD615F3E7101290, V-8 Gas Engine, Automatic Transmission

MATERIAL HANDLING

1 – **UPRIGHT TIGER MODEL F5122 SELF-PROPELLED SCISSOR TYPE PLATFORM LIFT TRUCK**, S/N 131205, Maximum Lift 22', Maximum Load 800-Lbs., Platform Size 4' x 8'

2 – **YALE 1/2-TON ELECTRIC CHAIN HOISTS**, With Trolleys & Reels

1 – **WOODSTOCK CRANE 1-TON CAPACITY PORTABLE A-FRAME GANTRY**, Size 10-1/2'W x 7-1/2'H, With C-M 1-Ton Chain Hoist

1 – **CROACH CONVEYORS CORP. 24"W X 35'L BELT TYPE MOTORIZED CONVEYOR**, S/N 7820

8 – **EXIDE WORKHOG IRON CLAD 36 VOLT FORKLIFT BATTERIES**

1 – **CASCADE HYDRAULIC BATTERY HANDLER**

ASSORTED BATTERY CHARGERS

Assorted Hydraulic Pallet Trucks, Electric & Manual Floor Sweepers, Hand Trucks, Stock Carts, Dollies & Steel Bins, Etc.



PARTIAL VIEW OF LARGE QUANTITY OF COMPUTER EQUIPMENT

SHOP & FACTORY

1 – **MINUTEMAN MODEL MC340023 RIDER TYPE 340 ELECTRIC POWER FLOOR MACHINE**, S/N 74500016

1 – **TENNANT MODEL 280 RIDER TYPE LPG POWER FLOOR SWEEPER**, S/N 5631

1 – **MAKITA MODEL 2414 355mm PORTABLE CUT-OFF SAW**, S/N 1801221

1 – **BALDOR 10" DOUBLE END PEDESTAL GRINDER**, S/N 1/56, 1-HP – 1750 RPM Motor

1 – **APEX/RANNKIN BROS. 16D 16" PEDESTAL TYPE DISC SANDER/GRINDER**, S/N 603, Table 14" x 23", 3/4-HP Motor

2 – **N.C.I. DIGITAL PLATFORM SCALES**, (1) **MODEL 5850M 10,000-LB. CAPACITY**, Platform Size 48" x 48", (1) **MODEL 5850 250-LB. CAPACITY**, S/N 788958, Platform 24" x 24"

2 – **N.C.I. 5835 50-LB. CAPACITY DIGITAL COUNTING SCALES**, S/Ns W844062, W800281, Platform Size 12" x 12"

1 – **PENNSYLVANIA 7600 10,000-LB. CAPACITY DIGITAL PLATFORM SCALE**, S/N 96234490, Platform Size 48" x 48"

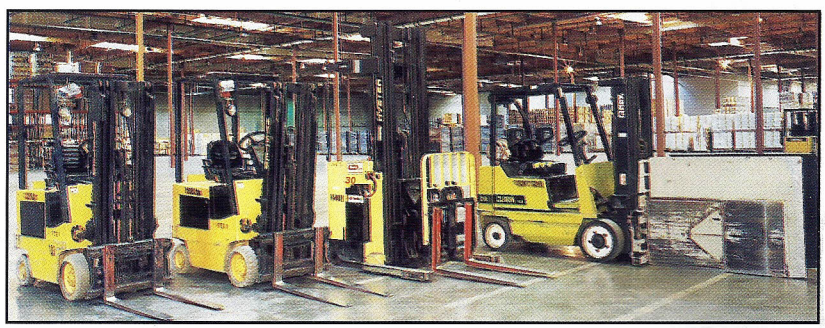
5 – **CHAMPION COOLER CORP. MODEL 4500SD PORTABLE AIR COOLERS**, S/Ns N/A, 1/2-HP Motors

APPROXIMATELY 250 PLASTIC 45" X 48" X 28" COLLAPSIBLE SIDE STACKING BOXES

APPROX. 180 31" X 39" X 24" STACKING WIRE BASKETS

Assorted Adjustable Steel Shelving, Tote Boxes, Wood Pallets, Power Hand Tools, Hand Tools, Work Benches, Bench Vises, Shop & Supply Cabinets, Steel Shelving, Arbor Presses, Shop Carts, Fasteners, Shop & Office Type Furniture, Tool Boxes, Safety Cabinets, Ladders, Shop Vacs, Work Lights, Perishable Tooling, Drill Index Sets, Tap & Die Sets, Grinding Wheels, Band Saw Blades, Steel Stock, Welding Rod & Supplies, Pallet Rack, Maintenance Supplies, Crib Supplies, Electrical & Plumbing Supplies, Safety Ladders, Hand Carts, Pallet Jacks, Pipe Threader Etc.

Please See Directions To Sale On Page 17



PARTIAL VIEW OF (26) FORKLIFT TRUCKS

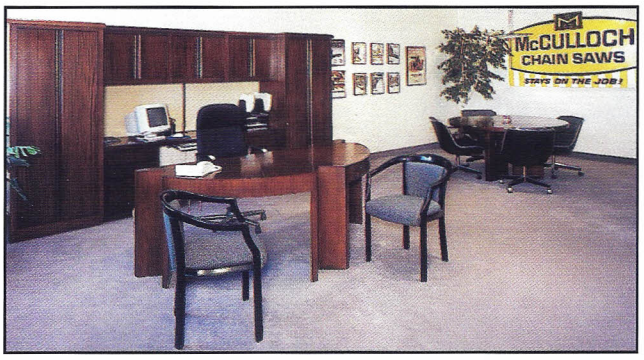


PARTIAL VIEW OF (26) FORKLIFT TRUCKS

$ MULTI-MILLION INVENTORY OF FINISHED PRODUCTS AND PARTS

To Be Sold at 1:30 pm Thursday, May 13th In Tucson

See Page 15 For Details



VIEW OF CUSTOM BUILT MATCHING MAHOGANY OFFICE SUITE



WOOD GLASS-TOP 54" X 192" CONFERENCE TABLE

OFFICE EQUIPMENT

1 – STANDARD REGISTER MODEL 2500 BURSTER, S/N 023390067
1 – MOORE BUSINESS FORMS MODEL 284B DECOLLATOR, S/N 6252
1 – MOMENTUM GRAPHICS 32" X 44" TRU-DOT LIGHT TABLE
1 – HAMILTON 38" X 60" DRAFTING TABLE, With Vemco Mark XII V-Track Drafting Machine & Stool
2 – HAMILTON 43" X 84" DRAFTING TABLES, With Vemco Drafting Machines
1 – ENCAD NOVA JET PRO PRINTER
1 – OZALID MOD. 495.SPV BLUEPRINT MACHINE
7 – PANASONIC PANAFAX FAX MACHINES, (2) UF-550, (1) PX-350 PRO LINE, (1) UF-322, (2) UF-560, (1) UF-755 FAX MACHINE
1 – BROTHER 1950MC MESSAGE CENTER PRO FAX MACHINE
1 – CANNON MODEL FAX-L770 FAX MACHINE
1 – BROTHER INTELLIFAX 1550MC FAX MACHINE
1 – HEWLETT PACKARD FAX 900 FAX MACHINE
2 – SAVIN 9022 COPIERS, With Cabinet Base
3 – SAVIN MODEL 9055 COPIERS
1 – SAVIN MODEL 9013Z COPIER, Cabinet Base
1 – HEWLETT PACKARD DESIGN JET 250C BLUEPRINT COPIER
1 – AMSEC SINGLE DOOR COMBINATION SAFE, S/N N/A, Size 27" x 48" x 24"
1 – IBM WHEELWRITER 5 ELECTRIC TYPEWRITER
3 – IBM SELECTRIC II ELECTRIC TYPEWRITERS
1 – SMITH CORONA SPELLMATE 700 CORRECTING TYPEWRITER
1 – BROTHER WP-3400 WORD PROCESSOR TYPEWRITER
2 – IBM MODEL WHEELWRITER 6 ELECTRIC TYPEWRITERS
1 – SHREDMASTER SECRO-MAT 12 PAPER SHREDDER
1 – CUMMINS TYPE 407 PAPER SHREDDER
1 – GOLDSTAR 19" COLOR TV/VCR COMBINATION
1 – ZENITH 25" COLOR TV, With Realistic VCR
1 – SONY TRINITRON 19" COLOR TV, With RCA 4-Head VCR
1 – TOSHIBA 19" COLOR TV
1 – BRUNING 870 AUTOMATIC VERSAFOLD BLUEPRINT FOLDING MACHINE, S/N 01334
1 – 3M BRAND MODEL 201 DRY SILVER READER/PRINTER

Very Large Quantity Assorted Office Equipment, Consisting Of: Swivel Chairs, Arm Chairs, Side Chairs, Typewriter Stands, Bookcases, Coat Racks, Office Partitions, Microwave Ovens, Refrigerators, Lunch Tables, Sofa's & Chairs, Round Office Table, End Tables, Wall Clocks, Framed Prints, Office Supplies, Pencil Sharpeners, Adding Machines, Scales, Electric Fans, Lobby Furniture, Receptionist Desk, Postage Scales, Etc.

OFFICE FURNITURE

1 – CUSTOM BUILT MATCHING MAHOGANY OFFICE SUITE, 1/2 Round Executive Desk & Chair, 48" Circular Table, Credenza & Cabinet Type Bookcase, Matching Sofa & Chairs, End Table, Etc.
1 – MAHOGANY MATCHING OFFICE SUITES, (1) Consisting Of: Double Pedestal Desk, Chair, Credenza, Bookcase, 48" Round Table, With Chairs, (1) Consisting Of: Double Pedestal Desk, Credenza, Cabinet Unit, Conference Table, Size 48" x 98", With (6) Chairs, End Table, Etc.
1 – MYRTLE DESK CO. WOOD MATCHING OFFICE SUITE, Consisting Of: Wood Double Pedestal Desk, Chair, Credenza, Bookcase, Cabinet
1 – WOOD MATCHING OFFICE SUITES, Consisting Of: Wood Double Pedestal Desk & Chair, Matching Credenza, 60" Circular Table, With Chairs, End Tables, Sofa & Chair, Bookcase, Etc.

Large Quantity Office Modules, Consisting Of: Partitions, Formica-Top L or U Shaped Desk Tops, Drawers, Storage Shelves, Chairs, Etc.

1 – WOOD GLASS-TOP 54" X 192" CONFERENCE TABLE, With (12) Matching Chairs
13 – FORMICA-TOP CONFERENCE TABLES, (11) 42" X 120" With Chairs, (1) 48" X 96", With Chairs, (1) 54" X 168", (8) Matching Chairs
16 – FORMICA-TOP PEDESTAL DESKS, (12) Double, (4) Single
19 – WOOD PEDESTAL DESKS, (16) Double, (3) Single
24 – CREDENZAS, (12) Formica-Top, (12) Wood
16 – BOOKCASES, (12) Steel, (4) Wood
8 – FORMICA-TOP OFFICE TABLES
18 – STEEL DOUBLE DOOR SUPPLY CABINETS
2 – STEEL 5-DRAWER BLUEPRINT FILES
85 – STEEL LATERAL FILES, (32) 5-Drawer, (6) 4-Drawer, (2) 3-Drawer, (45) 2-Drawer
85 – STEEL 4-DRAWER LETTER SIZE FILE CABINETS
12 – STEEL 4-DRAWER LEGAL SIZE FILE CABINETS
7 – STEEL 2-DRAWER LETTER SIZE FILE CABINETS

COMPUTER EQUIPMENT

1 – LIEBERT 30 KVA UNITERRUPTIBLE POWER SYSTEM
1 – MICOM 1000E NETRUNNER INTEGRATION ROUTER
1 – MICOM MARATHON 10K NETWORK FEEDER
1 – CANON MODEL BJ-230 BUBBLE JET PRINTER
4 – HEWLETT PACKARD LINE PRINTERS, (1) MODEL 2567C, (1) MODEL LP475, (2) MODEL LP500
2 – GENICOM MODELS 4490XT & 3810SP LINE PRINTERS
5 – HEWLETT PACKARD DESKJET COLOR PRINTERS, (4) 660C , (1) 520
14 – HEWLETT PACKARD LASERJET PRINTERS, (4) MODEL 5si, (1) SERIES II, (3) 5C, (4) 6L, (2) 4V
1 – HEWLETT PACKARD DESKJET 540 PRINTER
1 – CANNON MODEL BJ-230 PRINTER
1 – CANNON BJC-610 COLOR PRINTER
8 – OKIDATA MICROLINE PIN PRINTERS, (3) 321 9-PIN, (2) 391 24-PIN, (3) 591 24-PIN
5 – VISIONEER PAPERPORT MX SCANNERS
1 – POLAROID SPRINT SCAM 35 SCANNER
1 – VMAX POWERLOCK FLAT BED SCANNER
1 – HEWLETT PACKARD SCANJET 5C SCANNER
1 – HEWLETT PACKARD SCANJET II CX FLATBED SCANNER

73 PERSONAL COMPUTERS

49 – MICRON PENTIUM PERSONAL COMPUTERS,
(6) P 166/32 MB RAM, 2 GB RAM OR 609 MB HARD DRIVE , With 14" Color Monitors
(4) P 350/64 MB RAM, 4 GB HARD DRIVE, With Micron 15" Color Monitor
(5) P 133/16 MB RAM, 32 MB RAM, 3.1 GB, 2 GB, 2.1 MB OR 4.0 GB HARD DRIVE, With 15" or 17" Color Monitors
(12) P 100/16 MB RAM, 812 MB, 1 GB OR 3.1 GB HARD DRIVE, With Micron 14" Color Monitors
(12) MICRON 9 200/32 MB RAM, 3.1 OR 3.2 GB HARD DRIVE, With Micron 14" or 15" Color Montiors
(8) PP 180/64 MB RAM, With 14", 17" or 19" Color Monitors
(1) P 233/32 MB RAM 3.1 GB HARD DRIVE, With 15" Color Monitor
(1) P 150/128 MB 1.6 GB HARD DRIVE, With 19" Color Monitor, Triplite PC Pers 500 UPS
2 – HEWLETT PACKARD VECTRA PP 180/128 MB RAM PENTIUM PERSONAL COMPUTERS, With 19" Color Monitors
14 – T.D.S. PENTIUM PERSONAL COMPUTERS,
(4) P 75/16 MB RAM 1.5 GB HARD DRIVE, With Hitachi 16" Color Monitor
(1) P 200/32 MB RAM 2.16 GB OR 1.6 GB HARD DRIVE, With 15" Color Printer
(3) P 133/96 MB OR 20 MB RAM 609 MB HARD DRIVE, With Arcus 14" or 17" Color Monitors
(1) P 150/32 MB RAM 812 MB HARD DRIVE, With 17" Color Monitor
(1) P 166/64 MB RAM, With Monitor
(3) MISC., With Monitors
(3) MISC., With Monitors, Keyboards
4 – POWER MACINTOSH 9500/132 80 MB, 50 MB OR 48 MB RAM COMPUTERS, With Accuvue 19" Color Monitor
1 – POWER MACINTOSH 7600/132 24 MB RAM COMPUTER, With 19" Color Monitor
1 – ADVANTAGE MODEL P 75/16 MB 609 MB HARD DRIVE PENTIUM PERSONAL COMPUTER, With 14" Color Monitor
2 – MICRON LAPTOP PERSONAL COMPUTERS, (1) With Docking Station

Assorted Keyboards, Monitors, Mouse & Mouse Pads, U.P.S., Connectors, Cables, Etc.

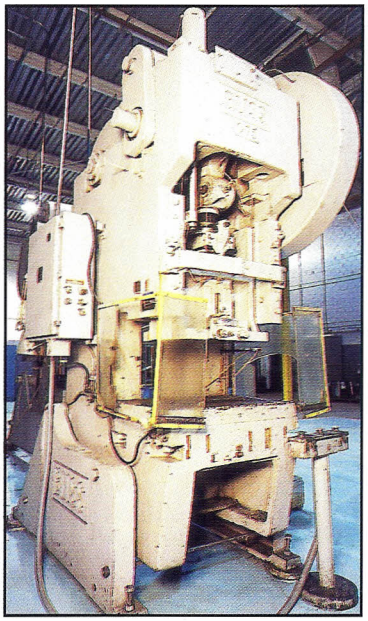
MISCELLANEOUS

1 – CUSTOM BUILT 3-WHEELED GAS-POWERED LOG HANDLER, Briggs & Stratton 5-HP Gas Engine, Yale 1/2-Ton Chain Hoist
1 – DESPATCH STYLE CF-18 SINGLE DOOR ELECTRIC OVEN, S/N 39363, I.D. Size 19" x 19" x 19", Maximum Temperature 850° F, 12 KW
2 – NICHOLS MODEL EA3050606HDS6 10-HP HYDRAULIC BALING PRESSES, S/Ns 7101, 7102, Size 30" x 60"

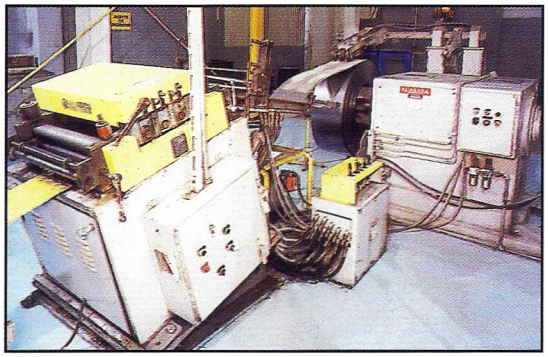
A 10% BUYERS PREMIUM WILL BE IN EFFECT FOR THIS SALE

INSPECTION
Wednesday, May 12th
9 am to 4:30 pm and morning of sale

NORMAN LEVY ASSOCIATES, INC.
Headquarters: Phone 248-353-8640 • Fax 248-353-1442
21415 Civic Center Drive • Southfield, Michigan 48076
INTERNET ADDRESS: http://www.normanlevy.com • E-MAIL ADDRESS: headquarters@normanlevy.com
Boston • Chicago • San Francisco • Atlanta • Flagstaff • Coventry, England
Auctioneers / Liquidators / Appraisers

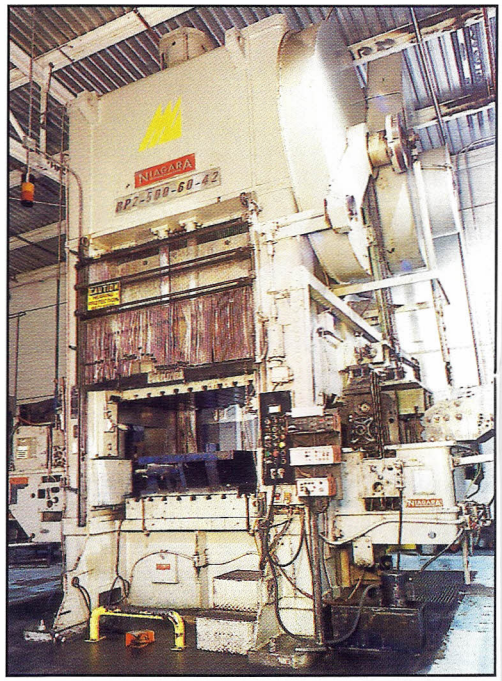


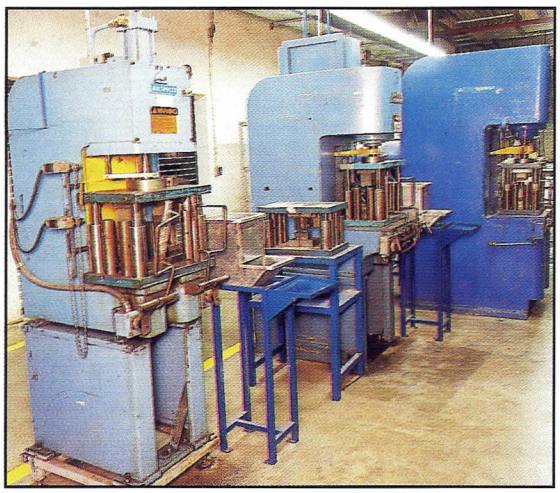
BLISS NO. C-75 75-TON
BACK GEARED OBI PRESS



NIAGARA MODEL BP2-500-60-42 500-TON DOUBLE CRANK STRAIGHT SIDE BLANKING LINE (1975)

- **Niagara Model RL5-30 30" Uncoiler**, S/N F-1864, Maximum O.D. 72", I.D. Range 20" to 24", Maximum Width 36", Air Clutch
- **Niagara Model 150-7-24 24" Continuous 7-Roll Stock Straightener**, S/N F-1863, Capacity .156", Motor in Base, 3/60/230-460
- **Niagara Model BP2-500-60-42 500-Ton Double Crank Straight Side Blanking Press**, SPM 30 to 60, Stroke 6", Slide Adjustment 15", Shut Height 38", Bed Area LR 60" x FB 42", Bolster Thickness 8", Window Openings FB 30" x TB 34", Automatic Lubrication, Air Clutch, Rotary Limit Switch, Safety Curtains, Niagara 26" Roll Stock Feeder, With Air Tension Pinch Rolls, Niagara Model 7-26 26" Cutoff Attachment, S/N F-1850, Capacity .187", Air Tension Pinch Rolls, Palm Buttons, Wintriss Load Analyzer, With Digital Readout, Wintriss Malfunction Detector, SPM Meter, Continuous/Single/Inch Controls, Motor, 3/60/230-460, Electrical Controls





PARTIAL VIEW OF C-FRAME HYDRAULIC PRESSES

All Items On Pages 20-25 Will Be Sold
Tuesday, May 18th Beginning at 10 am (Local)
Martes 18 de Mayo, Principiando a las 10 a.m. (hora local)

By Order of the U.S. Bankruptcy Court, District of Arizona, Chapter 11, Case No. 99-0074-TUC-JMM, Bankrupt Assets of
Por orden de la Corte de Bancarrotas de E.U.A., los activos de

McCULLOCH NORTH AMERICA INC.
McCulloch S.A. De C.V.
Avenida Jesús Siqueiros #652 Col. Alvro Obregon
Hermosillo, Sonora, México

STRAIGHT SIDE PRESS
PRENSAS DE LADOS RECTOS

1 – **BLISS NO. 6100 130-TON STRAIGHT SIDE DOUBLE CRANK NON-GEARED HIGH PRODUCTION PRESS**, S/N H40643-HP24997, Stroke 2", Slide Adjustment 4", Shut Height 14", Bed Area LR 37-1/2" x FB 14", Bolster Thickness 4-1/2", Window Openings FB 16" x TB 14", Lubrication, Air Clutch, Air Counterbalance, Rotary Limit Switch, Air Brake, Roll Stock Feeder, Cut-Off Attachment, Palm Buttons, Motor, 3/60/230-460, Electrical Controls, M#7599

STOCK STRAIGHTENERS
ENDEREZADORES DE LÁMINA

1 – **LITTELL NO. 312 12" CONTINUOUS 7-ROLL STOCK STRAIGHTENER**, S/N 22426-44 **(1968)**, Variable Speed Adjustment, Motor in Base, 3/60/220
1 – **LITTELL NO. 412 12" CONTINUOUS 5-ROLL STOCK STRAIGHTENER**, S/N 68098-60, Capacity .125", Motor in Base, 3/60/230-460, M#16320
1 – **ROWE MOD. A-10 10" CONTINUOUS 7-ROLL STOCK STRAIGHTENER**, S/N 3818, Capacity .020 to .095", Motor in Base, 3/60/220-440, M#6493
1 – **COOPER-WEYMOUTH 8" CONTINUOUS STOCK STRAIGHTENER**, S/N V817866, Capacity .050", Portable Base, Motor in Base, 3/60/440, M#12254
1 – **HENRY & WRIGHT 3" CONTINUOUS STOCK STRAIGHTENER**, S/N 48387, Motor in Base, 3/60/220-440

CENTERING REELS

1 – **LITTELL NO. 10 1,000-LB. DUAL AUTOMATIC CENTERING REEL**
1 – **LITTELL NO. 10 1,000-LB. AUTOMATIC CENTERING REEL**
2 – **LITTELL NO. 5 600-LB. DUAL AUTOMATIC CENTERING REELS**

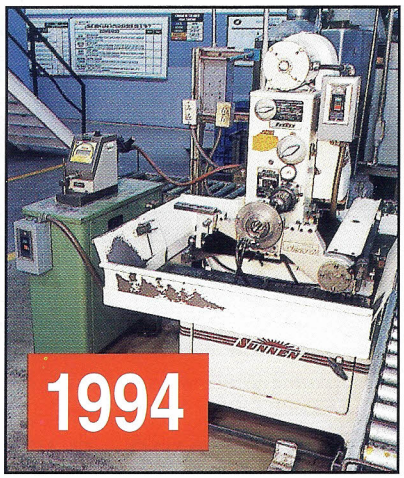
10 OBI PRESSES
PRENSAS INCLINABLES DE RESPALDO ABIERTO

1 – **NIAGARA NO. AA5-1/2 110-TON BACK-GEARED OBI PRESS**, S/N 34933, 25 to 38 SPM, Stroke 8", Slide Adjustment 4-1/8", Shut Height 16-1/4", Bed Area LR 42" x FB 27", Bolster Thickness 3", Opening in Back 24-1/4", Lubrication, Air Clutch, Westinghouse Controls, Lockout, Palm Buttons, Motor, 3/60/220-440, Electrical Controls, M#9620
1 – **BLISS NO. C-75 75-TON BACK-GEARED OBI PRESS**, S/N H59908-HP45959 **(1967)**, Stroke 4", Slide Adjustment 3-1/2", Shut Height 17-1/2", Bed Area LR 38" x FB 24", Bolster Thickness 3-1/2", Opening in Back 18-3/4", Air Counterbalance, Bijur Lubrication, Air Actuated Clutch, Palm Buttons, Motor, 3/60/220-440, Electrical Controls, M#13598
1 – **BLISS NO. 21-S/M 42-TON NON-GEARED OBI PRESS**, S/N N/A, Stroke 3", Slide Adjustment 2", Shut Height 12", Bed LR 29-1/2" x FB 20", Bolster Thickness 2", Opening in Back 14-1/2", Bijur 1-Shot Lubrication, Air Actuated Clutch, Motor, 3/60/220-440, Electrical Controls, M#7517
1 – **BLISS NO. 21-S 42-TON BACK-GEARED OBI PRESS**, S/N N/A, Stroke 4", Slide Adjustment 4", Shut Height 20", Bed Area LR 30" x FB 19", Bolster Thickness 2-1/2", Opening in Back 14-3/4", Air Actuated Clutch, Palm Buttons, Motor, 3/60/220-440, Electrical Controls, M#7517
2 – **BLISS NO. C-35 35-TON NON-GEARED OBI PRESSES**, S/Ns H49950-LAP2807, H49949-LAP2807 **(BOTH 1960)**, Stroke 3", Slide Adjustment 3", Shut Height 10-3/4", Bed LR 26" x FB 17-1/2", Bolster 2-1/2" Thick, Opening in Back 12-1/2", Bijur Lubrication, Air Actuated Clutch, Motor, 3/60/220-440, Electrical Controls, M#9343
1 – **BLISS NO. 20-C/M 20-TON NON-GEARED OBI PRESS**, Stroke 2", Slide Adjustment 2", Shut Height 10", Bed Area LR 27" x FB 18", Bolster Thickness 1", Opening in Back 13-1/4", Air Actuated Clutch, Motor, 3/60/220-440, Electrical Controls
1 – **BLISS NO. 19-1/2-B/M 21-TON NON-GEARED OBI PRESS**, S/N H32463-HP15322, Stroke 2-1/2", Slide Adjustment 3", Shut Height 7-1/2", Bed LR 23-1/2" x FB 14", Bolster Thickness 1", Opening in Back 12", Air Actuated Clutch, Palm Buttons, Motor, 3/60/220-440, Controls, M#7500
1 – **BENCHMASTER 181X 4-TON NON-GEARED OBI PRESS**, S/N 51401, Stroke 1-1/2", Slide Adjustment 2", Shut Height 8", Bed Area LR 11" x FB 9", Bolster Thickness 1", Opening in Back 4-3/4", Air Actuated Clutch, Motor, 3/60/220-440, Electrical Controls, M#16192
1 – **PERKINS JUNIOR 3-TON BENCH TYPE NON-GEARED OBI PRESS**, S/N 41985, Stroke 1", Slide Adjustment 1", Shut Height 4", Bed Area LR 9" x FB 5", Motor, Electrical Controls

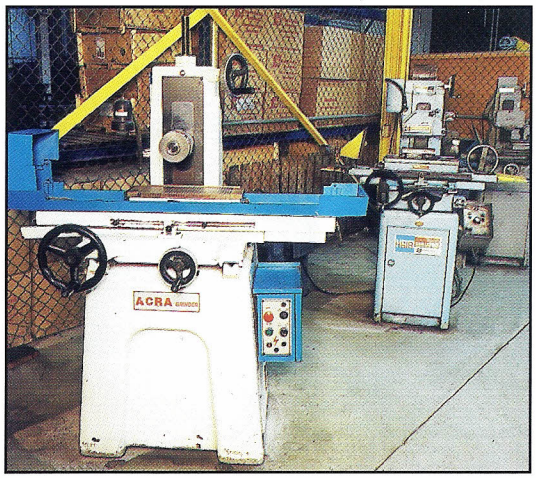
9 HYDRAULIC PRESSES
PRENSAS HIDRÁULICAS

1 – **ABEX DENISON WR65L-C304FS1-94206C 6-TON C-FRAME HYDRAULIC PRESS**, S/N 26794 **(1978)**, Throat Depth 8", Maximum Stroke 16", Maximum Daylight 16", 3-1/4" Diameter Piston, Bed Area 18" x 12", Maximum Operating Pressure 1450 PSI, Palm Buttons, Steel Frame Base, 5-HP Motor, 3/60/208-230-460
2 – **MULTIPRESS M3P8TR 8-TON C-FRAME HYDRAULIC PRESSES**, S/Ns M-4074-1, 4074-2, Throat Depth 7", Maximum Stroke 8", 3-1/4" Diameter Piston, Bed Area 18" x 12", Maximum Operating Pressure 1930 PSI, Palm Buttons, Steel Frame Base, 2-HP Motor, 3/60/208-230-460, M#18545
1 – **DENISON MODEL T100MC204FSD268-A72 MULTIPRESS 10-TON C-FRAME HYDRAULIC PRESS**, S/N 21032 **(1968)**, Throat Depth 10", Maximum Stroke 12", Maximum Daylight 18", Bed Area 22" x 18-1/2", Ram Diameter 2-1/2", Palm Buttons, 10-HP Motor, 3/60/208-230-460
1 – **DENISON HA15C98D21D02JIC 15-TON MULTIPRESS HYDRAULIC C-FRAME PRESS**, S/N 7313-S023247A-P10, Throat Depth 10", Max. Stroke 20", Max. Daylight 18", Bed 25" x 16", Ram Diameter 2-1/2", Palm Buttons, 10-HP Motor, 3/60/220-440
1 – **DENISON MULTIPRESS MODEL A 2-TON BENCH TYPE C-FRAME HYDRAULIC PRESS**, S/N 2290 **(1966)**, 1/2-HP Motor, 3/60/208-220-440, M# 12836
2 – **ADVANCED HYDRAULICS CPB-2-E 2-TON BENCH TYPE C-FRAME HYDRAULIC PRESSES**, S/Ns CPB-2-E-1223, N/A, Throat Depth 6-1/2", Maximum Stroke 12", Maximum Daylight 10", Bed 11-1/2" x 10", Palm Buttons, Heavy Duty Portable Stand, 1-1/2 HP Hydraulic System, 3/60/208-230-460, M#16256, M#000005
1 – **DAKE 30-TON HYDRAULIC ADJUSTABLE BED PRESS**, Distance Between Uprights 33", Maximum Nose of Ram To Bed 37"

INSPECTION: Monday, May 17th • 9 am to 4:30 pm and morning of the sale
INSPECCIÓN: Lunes 17 de Mayo • 9 a.m. a 4:30 p.m. y la mañana de la venta



SUNNEN MODEL-1660 PRECISION HONING MACHINE



PARTIAL VIEW OF ACRA AND BOYAR-SCHULTZ SURFACE GRINDERS



FALCON CHEVALIER MODEL FSG1235AD 12" X 36" HYDRAULIC SURFACE GRINDER

TUBE EQUIPMENT
EQUIPO PARA TUBO

1 – **DUTCH SAWS BCH-90-M PROGRAMMABLE TUBE CUT-TO-LENGTH MACHINE**, S/N 800825 **(1996)**, Maximum Tube Length 23', Belt Feed Magazine Loader, (1) Type DB-70 Double End Brush Unit, Maximum Length 111", Siemens COROS-OPS Programmable Control, Sony Model LH31A 2-Axis Digital Readout, Electrical Controls

2 – **TELEDYNE-PINES BENCH TYPE TUBE END FORMERS**, M#16622, Steel Frame Stand

TUBE BENDERS
DOBLADORAS DE TUBO

2 – **TELEDYNE PINES HYDRAULIC TUBE BENDERS,** S/Ns 10105-76283, 10105-82014, 6-Position Turret, 5-HP Hydraulic System, 3/60/230-460, M#18431

1 – **TELEDYNE PINES MODEL M34648 HYDRAULIC TUBE BENDER**, S/N 10100-83142, 6-Position Turret, 5-HP Hydraulic System, 3/60/220, M#16669

1 – **PINES HYDRAULIC TUBE BENDER**, 8-Position Turret, 3-HP Hydraulic System, 3/60/208-220-440, Electrical Controls, M#18317

VERTICAL MILLS
FRESADORAS VERTICALES

1 – **MODEL FV 1-1/2T 1-1/2-HP 8-SPEED V-RAM TURRET VERTICAL MILLING MACHINE**, S/N 8410065 **(1984)**, Table Size 9" x 42", Longitudinal Table Travel 36", Cross Table Travel 12", Vertical Table Travel 16", Quill Travel 5", Power Feed Spindle, Spindle Speed Range 90 to 2720 RPM, 3/60/230-460, Electrical Controls

1 – **BRIDGEPORT 1-1/2-HP VARIABLE SPEED VERTICAL MILLING MACHINE**, S/N 12BR155796, Table Size 9" x 42", Longitudinal Table Travel 36", Cross Table Travel 12", Vertical Table Travel 16", Quill Travel 5", Power Feed Spindle, Spindle Speeds 60 to 4200-RPM, Bijur 1-Shot Lubrication, Mitutoyo 2-Axis Digital Readout, 3/60/230-460, Electrical Controls

1 – **GORTON MODEL 3-1/2D VERTICAL MILLING MACHINE**, S/N 33355 **(1978)**, Table Size 9" x 34", Longitudinal Table Travel 28", Cross Table Travel 12", Vertical Table Travel 14", Power Feed Spindle, 3/60/230-460, Electrical Controls

SURFACE GRINDERS
RECTIFICADORAS DE SUPERFICIES

1 – **FALCON CHEVALIER FSG1235AD 12" X 36" HYDRAULIC SURFACE GRINDER**, S/N F3849001 **(1996)**, Model LC30900 12" x 36" Electromagnetic Chuck, Longitudinal Table Travel 36", Cross Table Travel 12", Vertical Spindle Travel 14", 2-HP Spindle Motor, 3/60/230-460, Splash Guards, Coolant System, Magnetic Coolant System, Hydraulic System, Pendant Controls, Electrical Controls

1 – **ACRA 6" X 18" HAND FEED SURFACE GRINDER**, S/N CIN **(1997)**, 6" x 18" Electromagnetic Chuck, Longitudinal Table Travel 18", Cross Table Travel 6", Vertical Spindle Travel 10", 2-HP Spindle Motor, 3/60/220-440, Electrical Controls

1 – **BOYAR-SCHULTZ CHALLENGER MODEL H618 6" X 18" HAND FEED SURFACE GRINDER**, S/N C-3357 **(1980)**, Walker Fine Division LPB 6" x 18" Electromagnetic Chuck, Walker Chuck Control, Longitudinal Table Travel 18", Cross Table Travel 6", Vertical Spindle Travel 10", 1-HP Spindle Motor, 3/60/230-460, Electrical Controls, M#16469

1 – **BOYAR-SCHULTZ 6" X 18" HAND FEED SURFACE GRINDER**, S/N N/A **(1978)**, 6" x 18" Close Grid Permanent Magnetic Chuck, Longitudinal Table Travel 18", Cross Table Travel 6", Vertical Spindle Travel 10", 1-HP Spindle Motor, 3/60/230-460, Controls, M#13044

LATHES
TORNOS

1 – **ACRA ACRA-TURN JIMT-360 14"X 40" C.C. GEARED HEAD LATHE**, S/N T5059184 **(1997)**, Hole Thru Spindle 1-5/8", 8 Spindle Speeds 76 to 1250 RPM, 48 Feeds .0015 to .0196 IPR, 28 Threads 4 to 48 TPI, Thread Chasing Dial, 3 & 4-Jaw Chucks, Steady Rest, Coolant System, Motor in Base, 3/60/220, Controls, M#18761

1 – **ROCKWELL 14"X 42"C.C. TOOLROOM LATHE**, S/N N/A, Hole Thru Spindle 1-1/4", Variable Spindle Speeds, 45 Feeds .0017 to .0496 IPR, 45 Threads 8 to 224 TPI, Thread Chasing Dial, 4-Jaw Chuck, Steady Rest, Motor in Base, 3/60/220, Controls, M#18525

1 – **HARDINGE 9" X 20" C.C. DOVETAIL BED LATHE**, S/N N/A, Variable Spindle Speed Range 125 to 3000 RPM, Variable Speed Carriage Feed, Collet Chuck, Coolant System, Cabinet Base, Motor in Base, 3/60/230-460, Electrical Controls, M#9934

PRECISION HONE
RECTIFICADORA Y BRUÑIDORA DE PRECISIÓN PARA INTERIOR DE CILINDROS

1 – **SUNNEN MODEL-1660 PRECISION HONING MACHINE**, S/N 92606 **(1994)**, Coolant Tray, 1/2-HP Motor, With Sunnen Model PF-150D Filter, S/N 10127

SAWS
SIERRAS

3 – **SCOTCHMAN BEWO 12' UNIVERSAL COLD SAWS**, M#16668, M#18340, 6' Roller Feed Table, Air Feed, 2-KW Motor, 2/60/230, Foot Switch, Air & Electrical Controls

1 – **KALAMAZOO 7" HORIZONTAL CUT-OFF BAND SAW**, 3/4-HP Motor, Hydraulic Band Feed

1 – **SKIL MODEL 3824 14" CHOP SAW**, 1/60/115

2 – **DEWALT 870 14" ABRASIVE CUT-OFF SAWS**, S/Ns 29391, 29837

1 – **DAYTON 12" PEDESTAL ABRASIVE CUT-OFF SAW**, 3/60/230

MACHINE ACCESSORIES
ACCESORIOS PARA MÁQUINAS

2 – **5C COLLET FIXTURES**

Offset Boring Heads, Machine Vises, Live Centers, 5C Collets, R-8 Collets, Scissors Clamps, C-Clamps, Air Vises

PERISHABLE TOOLING & CRIB SUPPLIES
ALMACÉN CON HERRAMIENTAS DE CORTE Y ARTÍCULOS DE MANTENIMIENTO

High Speed Straight & Taper Shank Drills, Taps, Reamers, End Mills, Milling Cutters, Galvanized Pipe Fittings, Abrasive Belts, Abrasive Wheels, Die Springs, Spot Welding Tips, Etc.

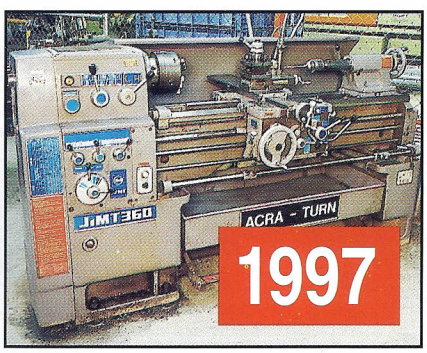
A McCULLOCH import/export manager will be on site the day of the sale in Hermosillo to assist buyers with any customs requirements they may have.

For travel into Mexico, please be sure to bring your passport or birth certificate.

The Hermosillo Portion of this sale will be managed by

GRUPO ACETEC
MAQUINARIA Y AVALUOS INDUSTRIALES

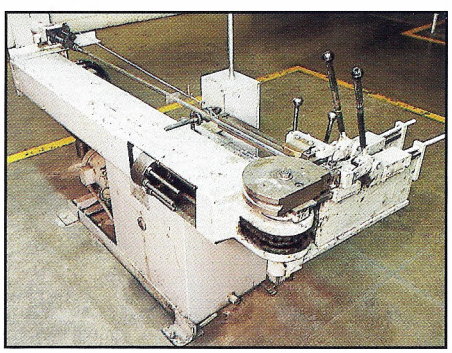
Jose Maria Rico 143-502
Col Del Valle • 03100 México, D.F.
Phone: (525) 534-0070 • Fax: (525) 524-0313
Website: www.acetec.com.mx
E-mail: acetec@dfl.telmex.net.mx



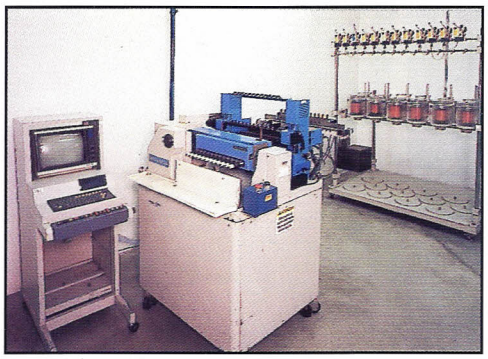
ACRA ACRA-TURN MODEL JIMT-360 14"X 40" C.C. GEARED HEAD LATHE



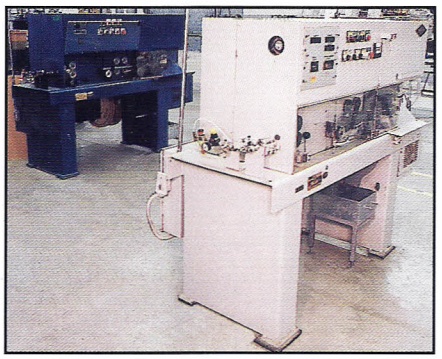
DUTCH SAWS BCH-90-M PROGRAMMABLE TUBE CUT-TO-LENGTH MACHINE



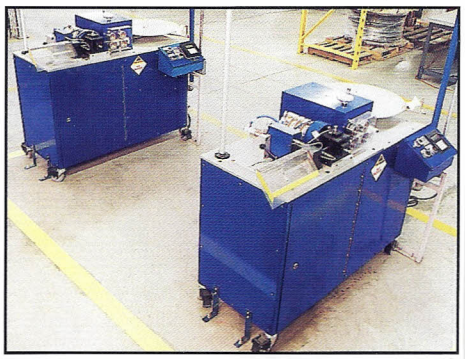
1 OF 3 TELEDYNE PINES HYDRAULIC TUBE BENDERS



TANAKA MODEL AW-3512 12-SPINDLE COIL WINDER



ARTOS ARK-LES CS-21-AT-1 CUT-TO-LENGTH AND WIRE END TERMINAL MACHINE



2 OF 3 GORMAN MODEL N299 BENCH TYPE COIL SPIN WINDERS

ULTRASONIC WELDER
SOLDADORA ULTRASÓNICA

1 – **VINTON 4-POST ULTRASONIC WELDER**, Distance Between Posts LR 36" x FB 13-1/2", Digital Welding Control, 3/60/460, Electrical Controls, M#18666

PROJECTION & SPOT WELDERS
SOLDADORAS DE PUNTOS Y PROYECCIÓN

1 – **NEWCOR MULTI-SPOT 6-STATION 70-KVA AUTO. HYDRAULIC WATER-COOLED PROJECTION RESISTANCE WELDER**, S/N X9073, 88" Indexing Table, (5) 70-KVA Transformers, Hydraulic Press Plate 2" Bar x 2" Stroke, 30-HP Hydraulic System, Cycle Timers, Robotron Model 215 Control, With (3) Robotron Series 400 Programmable Welding Controls, 3/60/460, (2) Koolant Koolers Cooling Towers, Electrical Controls, M#16491

1 – **NEWCOR 7-STATION 70-KVA AUTOMATIC HYDRAULIC WATER-COOLED RESISTANCE SPOT WELDER**, (1) Loading Station, (2) 4-Head Stations, (2) 3-Head Stations, (2) 1-Head Station, (7) 70-KVA Transformers, 10-HP Hydraulic System, Robotron Welding Controls, 3/60/220-440, Electrical Controls, M#13395

1 – **BANNER 2AP200A12 200-KVA AIR-OPER. WATER COOLED PRESS TYPE PROJ. RESISTANCE WELDER**, S/N 6233, Throat Depth 12", Secondary Volts 7.8 to 12.9, Weltronic/Technitron Controls, 1/60/440, M#18522

1 – **BANNER 1AP75A12 75-KVA AIR-OPERATED WATER COOLED PRESS TYPE PROJECTION RESISTANCE WELDER**, S/N 5955, Throat 12", Secondary Volts 5.5 to 9.6, Weltronic/Technitron Controls, 1/60/440, M#18659

1 – **ACME AIR-OPERATED WATER-COOLED PRESS TYPE PROJECTION RESISTANCE WELDER**, Throat 14", Robotron Welding Controls, Palm Buttons, 3/60/440

1 – **FALSTROM FPS-75-24 75-KVA AIR-OPERATED WATER-COOLED PRESS TYPE RESISTANCE SPOT WELDER**, S/N 5792444, Throat Depth 24", Secondary Volts 5.6 to 10, S.C. Secondary Current at Maximum Secondary Voltage & Specified Dimensions 24,500, Foot Switch, ARO T8 Welding Controls, 3/60/440, M#16319

WIRE EQUIPMENT
EQUIPO PARA ALAMBRE

1 – **COIL WINDING EQUIPMENT KLK-83 8-SPINDLE COIL WINDER**, S/N 9303, (8) Wire Payoff Stands, Steel Table

1 – **TANAKA MODEL AW-3512 12-SPINDLE COIL WINDER**, S/N 69004427, With (12) Tanaka Model MT100 Magnet Tension Units, (12) Wire Payoff Stands

1 – **AUTOSPLICE COIL WIRE INSERTION MACHINE**, S/N 784382 M#16798

2 – **ARTOS ARK-LES MODEL CS-21-AT-1 CUT-TO-LENGTH AND WIRE END TERMINAL MACHINES**, S/Ns 41494, 28436 M#16437, (2) 5-Roll Straighteners, (2) Wire End Terminal Presses, Preset Counter

1 – **ARTOS MODEL CS-6 WIRE CUT-TO-LENGTH AND WIRE STRIPPING MACHINE**, S/N 27050 M#16326

6 – **OLYMPIC MODEL 1410 WIRE LENGTH METERS**, Steel Stand, 1/60/115-230

3 – **CUSTOM NYLON STRING WINDERS**, With Meters

3 – **GORMAN N299 BENCH TYPE COIL SPIN WINDERS**, S/Ns 1772415 M#16771, N/A M#13689, N/A M#031686

1 – **GORMAN MODEL TWO-PLUS-TWO 4-SPINDLE BENCH TYPE COIL SPIN WINDER**, M#031684

2 – **4-STATION BENCH TYPE COIL WIRE SOLDER UNITS**, With Fume Hood

2 – **EUBANKS 6215 ELECTRIC DEMAND PRE-FEED PAYOFF REELS**, S/Ns 97737 M#13851, N/A, Portable Base

4 – **EUBANKS ACCU-WINDER COIL WINDERS**, Models CW-11A, CW-11B, With Digital Readout

40 – **WIRE PAYOFF STANDS**

23 DRILLS
23 TALADROS

1 – **CARLTON 3' X 9" COLUMN RADIAL DRILL**, S/N OA844, Spindle Speeds 60 to 3,000 RPM, 18 Feed .38 to .1500 IPR, Maximum Distance Nose of Spindle to Base 52", Minimum Distance 20", Quill Travel 10", (1) T-Slotted Box Drill Table, Size 18" x 24" x 12", L-Shaped T-Slotted Base Size 42" x 30" and 30" x 24", Controls

1 – **HORIZONTAL 4-SPDL. DRILLING MACHINE**, (2) ARO 2-Spindle Air Feed Drill Units, Steel Frame Work Bench, Palm Buttons, M#030173

1 – **HORIZONTAL 2-SPDL. DRILLING MACHINE**, ARO Air Feed Spindle, Steel Frame Work Bench, Palm Buttons, Air & Electrical Controls

1 – **FOSDICK 24" SLIDING HEAD BOX COLUMN DRILL**, S/N N/A, 6-Spindle Speeds 16 to 325 RPM, Power Spindle Feed, Quill Travel 8", Adjustable T-Slotted Coolant Table Size 24" x 24", Motor, Electrical Controls

1 – **KING 1120-111 20" 16-SPEED FLOOR TYPE DRILL**, S/N 1010257 **(1997)**, Spindle Speeds 195 to 3500 RPM, 3/4-HP Motor, 1/60/115

1 – **DELTA 17" FLOOR TYPE DRILL**, Adjustable Table Size 17" x 12-1/2", 3/4-HP Motor, 3/60/230

1 – **CAL-HAWK 13" 16-SPEED FLOOR TYPE DRILL**, S/N 932124, 5/8" Chuck, Adjustable Table Size 11-1/2" Diameter, Spindle Speeds 195 to 3500 RPM, 3/4-HP Motor, 1/60/110

1 – **DELTA MODEL 15-084 15" FLOOR TYPE DRILL**, S/N 1753773, 1/2-HP Motor, 1/60/115

2 – **UNITED MODEL 810 14" 16-SPEED FLOOR TYPE DRILLS**, S/Ns 36229, 36210 **(BOTH 1992)**, 5/8" Chuck, Adjustable Table Size 10" Diameter, 3/4-HP Motor, 1/60/115

1 – **W-T 14" FLOOR TYPE DRILL**, Adjustable Table 14" x 10", 1/2-HP Motor, 1/60/115, M#13691

1 – **DAYTON MODEL 4Z660B 13" BENCH TYPE DRILL**, Spindle Speed Range 480 to 3000-RPM, Adjustable Table Size 8" x 8", 1/4-HP Motor, 1/60/110

1 – **DAYTON MODEL 3Z993B 13" 5-SPEED BENCH TYPE DRILL**, Spindle Speed Range 500 to 3100-RPM, 1/4-HP Motor, 1/60/115

1 – **DELTA NO. 11-950 BENCH TYPE DRILL**, S/N 9038, M#30868

5 – **EMERSON 10" BENCH TYPE DRILL**, Adjustable Table 8"x 8", 1/4-HP Motor, 1/60/110

3 – **DELTA NO. 11-950 8" BENCH TYPE DRILLS**, 1/4-HP Motor, 1/60/110

1 – **8" BENCH TYPE DRILL**, Adjustable Table Size 6-1/2" x 6-1/2", 1/3-HP Motor, 1/60/110

All Items On Pages 20 through 25 Beginning at

MISCELLANEOUS MACHINES
MÁQUINAS MISCELÁNEAS

1 – **VISUAL PACKAGING SYSTEMS MODEL SDS851418 8-STATION VACUUM BLISTER PACK MACHINE**, S/N 4693NC1297 **(1997)**, Maximum Size 18" x 14", 3/60/220, Liquid Crystal Display, Vacuum Pump, Electrical Controls

1 – **AMERICAN ARROW MULTI-COLOR 2-COLOR 6-STATION AUTOMATIC SILK SCREEN PRINTER**, Variable Indexer, Dwell Timer, Cycle Timers, Vacuum System, Pedestal Controls

2 – **CASTLE PROGRAMMABLE STRAIGHTENER & PAY-OFF REELS**, S/Ns 1923-A, 1923-D

1 – **TIMESAVERS 24" CONTINUOUS TOP AND BOTTOM ABRASIVE BELT SANDER**, Variable Speed Conveyor, Percentage of Load Meter, Electrical Controls

6 – **3M 3M-MATIC ADJUSTABLE CASE SEALERS**, (3) **MODEL 200A**, S/Ns 7124 **(1995)**, 6616 **(1994)**, (1) N/A M#18446, Type 29200, (1) **MODEL 77AKS**, S/N 5051, Type 28600, (2) **MODEL 22A**, S/Ns 9086, 8902, All 1/60/115

1 – **SIGNODE MODEL MCD-700 POWER STRAPPING MACHINE**, S/N 13524 M#13410

1 – **MILFORD MODEL 256REV3 PEDESTAL RIVETER**, S/N 1478 M#16295, Rotary Hopper Feed, Throat Depth 12", Foot Switch

1 – **INTERLAKE MODEL H129F C-FRAME WIRE BOX STITCHER**, S/N B24960

1 – **STIMPSON MODEL SG2R83 EYELETTER**, S/N 1220 M#18570, Foot Switch, Steel Frame Stand

1 – **EDWARDS MODEL 600 30" ROLLER PRESS**, S/N 77C4275 M#13785

1 – **LIQUID CONTROL MODEL PR432-5881 EPOXY MIXING SYSTEM**, S/N 1642, With Gun, Portable Cart

1 – **VACUUM FORMING MACHINE**, Size 36" x 24", Poly Film Pay-Off Reel, M#15822

1 – **MODEL H100 SILK SCREEN PRINTER**

1 – **INDUSTRIAL CONTROL & AUTOMATION MODEL 1CA-MOOAO PLASTIC TUBE CUT-OFF MACHINE**, Allen-Bradley Model DTAM Microprocessor Control

1 – **ELECTROVERT ECONOPAK-15 TEST WAVE SOLDER MACHINE**, With Wavedynamics, Sono-Tel Sono-Flux PCB Fluxing System

1 – **PANDUIT MODEL CP-861 BENCH TYPE CRIMPING PRESS**, S/N JE-220

1 – **ABRASIVE 3" BELT GRINDER**

1 – **MAX OSCILLATING SPINDLE SANDER**, M#13709

1 – **BLACK & DECKER DOUBLE END PEDESTAL GRINDERS**, (1) **NO. 1788 8" 3/4-HP** S/N 002462, 1/60/115, (1) **NO. 1766 6"**, S/N 80437-1135

1 – **DAYTON 6" DOUBLE END PEDESTAL GRINDER**, 1/60/115

1 – **LINCOLN MODEL RX250 SOLDADORA 250-AMP AC ARC WELDER**, S/N 9796438, Input 1/60/12, Welding Range 40 to 270-Amps, Portable Cart

1 – **JET MODEL JWG-34 BUTT WELDER AND GRINDER**, S/N 6054294, 1/60/115

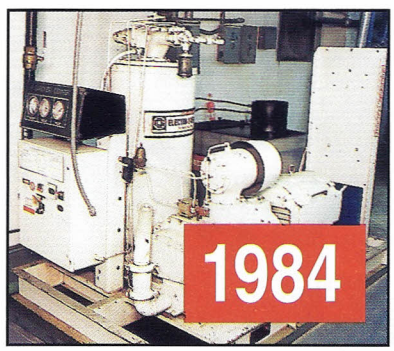
1 – **DAYTON 6" ABRASIVE BELT GRINDER**, 1/60/115

1 – **BENCH TYPE BARREL TUMBLER**, 1/60/115

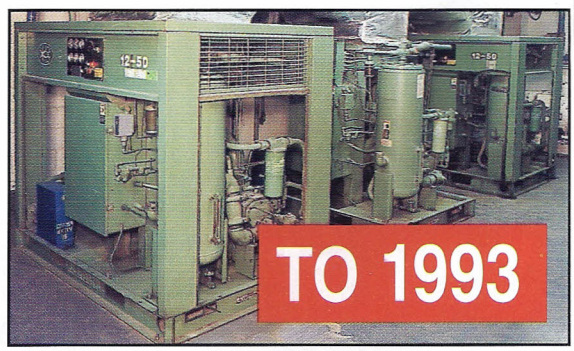
1 – **DONALDSON TORIT MOD. 64 3/4-HP DUST COLLECTOR**, S/N 20722, 1/60/115-230

1 – **BLACK & WEBSTER ELECTROPUNCH MODEL JS NUMBERING MACHINE**

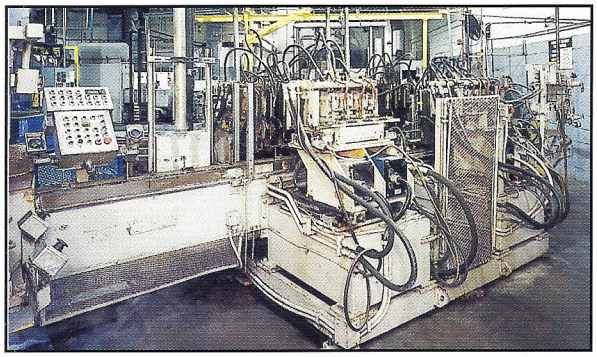
3 – **AUTOMATIC LOCKTITE SEALANT MACHINES**, With Zeta Model 1300 Dispensing System, Power Roller Conveyor



GARDNER-DENVER ELECTRA-SAVER 100-HP AIR COMPRESSOR



PARTIAL VIEW OF 4 SULLAIR 50-HP ROTARY SCREW AIR COMPRESSORS

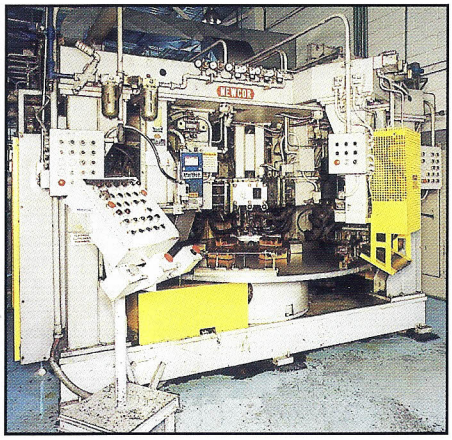


NEWCOR 70-KVA 7-STATION AUTOMATIC HYDRAULIC WATER-COOLED RESISTANCE SPOT WELDER

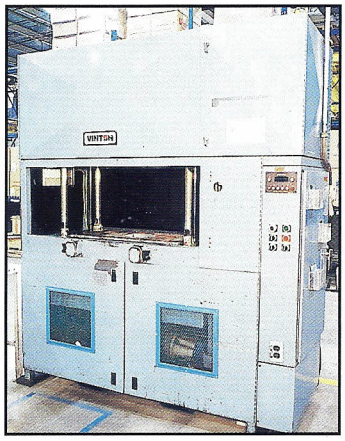
Will Be Sold Tuesday, May 18th 10 am (Local)

Martes 18 de Mayo
Principiando a las 10 a.m. (hora local)

Hermosillo, Sonora, Mexico



NEWCOR MULTI-SPOT 70-KVA AUTOMATIC HYDRAULIC PROJECTION WELDER



VINTON 4-POST ULTRASONIC WELDER

6 AIR COMPRESSORS
6 COMPRESORES DE AIRE

1 – **GARDNER-DENVER ELECTRA-SAVER ESOF-EAQPOB 150-HP ROTARY SCREW AIR COMPRESSOR**, S/N 742166 **(1979)**, Operating Pressure 125-PSI, AEON 9000SP Lubricant & Coolant, Skid Base, 3/60/460, Controls, M#16179

1 – **GARDNER-DENVER ELECTRA-SAVER MODEL ECPQMB-DRC0CCC 100-HP ROTARY SCREW AIR COMPRESSOR**, S/N M06650-1780 **(1984)**, Operating Pressure 125-PSI, Skid Base, 3/60/460, Electrical Controls

4 – **SULLAIR 50-HP ROTARY SCREW AIR COMPRESSORS**, (3) **12BS-50H-ACAC**, S/Ns 003-70432 **(1987)**, 003-89303 **(1993)**, 003-71880 **(1988)**, M#16753, M#18518, M#18308, (1) **MODEL 12BS-60H-ACAC**, S/N 003-65518 **(1985)**, M#16693, All with Operating Pressure 125-PSI, Skid Base, 3/60/230-460, Electrical Controls

1 – **PIONEER REFRIGERATED AIR DRYER**, M#16757

1 – **ZEKS REFRIGERATED AIR DRYER**, M#18667

2 – **HANKINSON SENSA-THERM PRESSURE-SWING REGENERATIVE DESICCANT COMPRESSED AIR DRYERS**, (1) **MODEL DH-165**, S/N 3334-2-9703-85D, M#18751, (1) **MODEL DH-115**, S/N 3348-1-9610-85D, M#18752, 115-SCFM at 100-PSIG, Both with Activated Alumina

2 – **1,000-GALLON AIR RECEIVING TANKS**

225 AIR & ARBOR PRESSES
225 PRENSAS NEUMÁTICAS Y DE CREMALLERA

2 – **ATLAS NO. Y 1/2-TON ARBOR PRESSES**, (1) No. 0 1-Ton, (1) No. Y 1/2-Ton

17 – **DAKE ARBOR PRESSES**, (9) No. 1 2-Ton, (2) No. 0 1-Ton, (6) 1/2-Ton

6 – **DAKE NO. Y 1/2-TON ARBOR PRESSES**

17 – **DAYTON ARBOR PRESSES**, Models (6) 4Z329 2-Ton, (6) 4Z328 1-Ton, (5) 3Z949

2 – **ENCO ARBOR PRESSES**, (1) 2-Ton, (1) 1-Ton

2 – **JET NO. 0 1/2-TON ARBOR PRESSES**

2 – **FAMCO ARBOR PRESSES**, Models (1) No. 1, (1) No. 0

1 – **GREENERD NO. 3 ARBOR PRESS**

71 – **PHASE-II ARBOR PRESSES**, (5) 3-Ton, (32) 2-Ton, (34) 1-Ton

3 – **McCULLOCH AIR-OPERATED HEATED ASSEMBLY PRESSES**, M#031254

99 – **ASSORTED BENCH TYPE ASSEMBLY AIR PRESSES**, C-Frame, Gap Frame, Strokes 6" to 12", Palm Buttons, Air Controls

1 – **DUAL AIR PRESS**, M#16682

1 – **4-POST COIL ASSEMBLY AIR PRESS**

1 – **HORIZONTAL AIR PRESS**

SHOP & FACTORY EQUIPMENT
EQUIPO DE PLANTA Y TALLER

1 – **IEM 1500-KVA TRANSFORMER, (1973)**, 13,200-Amps, 440-Volts

1 – **TENNANT 36" LPG FLOOR SWEEPER**, S/N 355-4454, Driver Overhead Guard, Hours 112

1 – **ACETYLENE WELDING OUTFIT**, With Cart

124 – **INGERSOLL-RAND AIR SCREW GUNS**

1 – **INGERSOLL-RAND AIR DRILL**

1 – **INGERSOLL-RAND 3/8" AIR IMPACT WRENCH**

9 – **BOSTITCH AIR CARTON STAPLERS**

6 – **HEAT BUSTER 42" CIRCULATING FANS**

2 – **TEW TYPE TISH-300 IMPULSE SEALERS**, 12", 16"

3 – **EFD 900 DESOLDERING UNITS**

1 – **6" SWIVEL BASE BENCH VISE**

1 – **VIDMAR 14-DRAWER TOOL SUPPLY CABINET**

1 – **ELECTRO-MATIC TYPE 1038 BRIDGE TYPE DEMAGNETIZER**, 1/60/230

2 – **11-STEP PORTABLE STEEL STAIRS**

1 – **AMANO MODEL EX9000 ELECTRIC TIME RECORDER**, With Racks

6 – **KENNEDY AND WATERLOO 8-DRAWER ROLL-AROUND BASE TOOL CABINETS**

3 – **KENNEDY INTERMEDIATE 2-DRAWER TOOL CABINETS**

3 – **KENNEDY MACHINIST TOOL BOXES**

1 – **24-STATION ARMATURE TEST UNIT**, With Chain Feed

6 – **ROTARY AIR FIXTURES**

9 – **ARMATURE TEST STATIONS**, With Slaughter 2307-3.0 Hi-Pot Tester

1 – **ELECTRIC CHAIN SAW RPM & CURRENT TESTER**

1 – **IGNITION COIL TEST STATION**, With B-K Precision Model B-41C 40-MHz Oscilloscope

2 – **NYLON STRING WINDERS**, With Distance Meter

8 – **TYPE 2200 24" X 12" HOT PLATES**

1 – **GAST VACUUM PUMP**

1 – **EMERSON 10-GAL. 5-HP WET-DRY VACUUM**

3 – **TRASH CARTS**, Size 48" x 60" x 36"

1 – **CANTILEVER FOUR-TIER STOCK RACK**, Size 20' Long x 10' High, Arm Lengths 24", 36", 48"

234 – **ALL STEEL WORK BENCHES**

13 – **STEEL FOREMAN'S DESKS**

5 – **20" PEDESTAL FANS**

52 – **ADJUSTABLE STEEL SHELVING UNITS**

17 – **TWO DOOR SUPPLY CABINETS**

Steel Frame Work Benches, Electric Soldering Irons, 30" Pedestal Fan, Shop Stools, Steel Stands, Steel Shelving Units, Plastic Tote Pans, Electric Water Coolers, Flammable Liquid Safety Cans, Steel Horses, 6-Tier Rotary Parts Bin, 2-Wheel Hand Trucks, 2-Wheel Barrel Trucks, Bench Vises, Shop Vacuums, Small Parts Cabinets, Dock Carts, Solder Pots, Tape Shooters, Letter & Number Hand Stamps, Parts Washers

OFFICE EQUIPMENT
EQUIPO DE OFICINA

1 – **INTERMEC RF INVENTORY DATA CONTROL SYSTEM**, Consisting Of: (2) Controllers, (5) Access Points, (10) Label Printers, (58) Intermec RF Readers, Battery Chargers

1 – **XEROX MOD. 3003 FAX MACHINE**

1 – **BROTHERS INTELLIFAX MODEL 1550MC FACSIMILE MACHINE**

1 – **BROTHERS MODEL GX-6750 ELECTRONIC TYPEWRITER**

12 – **DOUBLE PEDESTAL DESKS**, (5) Formica Top, (7) Wood Frame

5 – **WOOD FRAME CREDENZAS**

64 – **SWIVEL ARM & POSTURE CHAIRS**

28 – **FILE CABINETS**, (17) 4-Drawer, (7) 3-Drawer, (4) 2-Drawer

11 – **WOOD FRAME 3 & 2-DRAWER FILE CABINETS**

20 – **WOOD & LATERAL FILE CABINETS**, 2, 3 & 4-Drawer

3 – **WOOD FRAME BOOKCASES**

4 – **2-DOOR SUPPLY CABINETS**

7 – **5-DRAWER BLUEPRINT FILES**

6 – **PORTABLE WOOD FRAME COMPUTER WORK STATIONS**

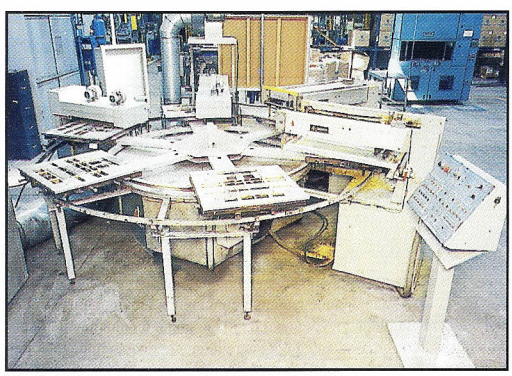
32 – **FORMICA TOP FOLDING TABLES**

64 – **FORMICA TOP FOLDING BENCHES**

36 – **MODULAR L-SHAPED DESKS**

21 – **MODULAR BOOK SHELVES**

20' Formica Top Wood Frame Conference Table, Glass Top Double Pedestal 8' Conference Tables, Wood Frame Presentation Unit, 43" Diameter Pedestal Tables, Basket Paper Shredder, Dry Wipe Easels, 30" x 60" Drafting Table With Machine, Formica Top Wood Frame Reception Counter, Modular L-Shaped Reception Counter, Panasonic Microwave Ovens, Pedestal Fans, Kelvinator Under Counter Refrigerator, 5-Drawer Blueprint File Cabinet, Aluminum Frame Dry Wipe Boards, Cork Bulletin Boards, Formica Top Tables



AMERICAN ARROW MULTI-COLOR 6-STATION AUTOMATIC SILK SCREEN PRINTER



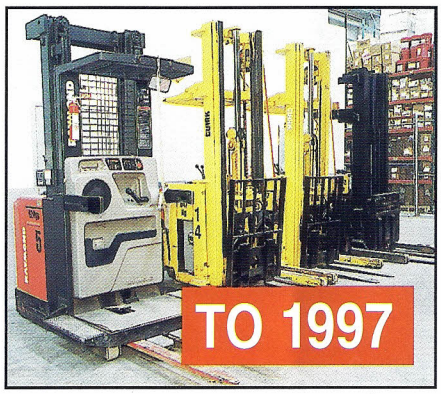
VISUAL PACKAGING SYSTEMS SDS851418 8-STATION VACUUM BLISTER PACK MACHINE



BANNER AIR-OPERATED WATER COOLED PRESS TYPE PROJECTION RESISTANCE WELDER



1 OF 2 RAYMOND 3,000-LB. NARROW AISLE FORKLIFT TRUCKS



PARTIAL VIEW OF NARROW AISLE FORKLIFT TRUCKS



3 OF 8 ELECTRIC FORKLIFT TRUCKS

All Items On Pages 20-25 Will Be Sold Tuesday, May 18th Beginning at 10 am (Local)

Hermosillo, Sonora, Mexico

SCALES
BÁSCULAS

1 – **NATIONAL 5850 5,000-LB. DUAL RATIO COUNTING SCALE**, S/N B790230, Platform 48" x 48"
1 – **WEIGH-TRONIC DSL4848-05 5,000-LB. PLATFORM SCALE**, S/N 20937, Platform 48" x 48"
1 – **AND MODEL FG-30K 60-LB. BENCH TYPE ELECTRONIC PLATFORM SCALE**
2 – **PENNSYLVANIA MODEL 7600 50-LB. ELECTRONIC BENCH TYPE RATIO COUNTING PLATFORM SCALES**, S/Ns 35223251, N/A, Platform Size 14" x 12"
3 – **TORREY ELECTRONIC PLATFORM SCALES**, (1) **MODEL H40 40-LB.**, (2) **MODEL C-20 20-LB.**
1 – **PENNSYLVANIA MODEL 7600 25-LB. ELECTRONIC PLATFORM SCALE**, S/N 95-223255 **(1995)**
2 – **KUBOTA MODEL K3E 10-LB. ELECTRONIC PLATFORM RATIO COUNTING SCALES**, S/Ns KSL-14313L M#013764, KEL019676

SMALL ENGINE & ELECTRIC MOTOR TEST EQUIPMENT
EQUIPO DE PRUEBA PARA MOTORES PEQUEÑOS DE COMBUSTIÓN Y ELÉCTRICOS

13 – **HORIBA SMALL ENGINE DUAL EXHAUST SAMPLERS**, Models (5) HO3, (2) HO7, (2) HO9, (2) HO11, (2) MO18, Digital Readout
17 – **MAGNITROL DYNAMOMETERS**, (2) **MODEL ED-715-6N-4007**, (7) **MODEL ED-715-6**, (5) **MODEL HD-715-6**, All (14) 55.0-Lb. In., (3) **MODEL ED-815-6N-4224**, 250-Lb. In.
154 – **SMALL ENGINE TEST STAND FIXTURES**
2 – **SMALL ENGINE TEST RUN STANDS**
1 – **STEC MODEL SGD-710C GAS DIVIDER**
6 – **WALKER SCIENTIFIC TEST STATIONS**, With (1) Model XLE Series Magnetizer Charger, 1000-Joules, (1) Model 7838 Flux Meter, (1) Work Fixture, Foot Switch
1 – **DENSAR SMALL ENGINE TESTER**, S/N P-97-641 **(1997)**
3 – **IGNITION COIL TEST UNITS**, With B-K Precision Model 1541C 40-MHz Oscilloscope

ASSEMBLY EQUIPMENT
EQUIPO DE ENSAMBLE

1 – **AUTOMATION ENGINEERING SINGLE STATION WHEEL & BEARING ASSEMBLY UNIT**, Vibratory Parts Feeder, Allen-Bradley Panel View 550 Programmable Control
1 – **ASSEMBLY AUTOMATION SA-1M SCREW INSERTION UNIT**, S/N 01882694, Vibratory Feeder
3 – **CHAIN SAW BAR END WHEEL & BEARING ASSEMBLY UNITS**, With Vibratory Parts Feeder
2 – **54-STATION CONTINUOUS ASSEMBLY TABLES**, Shuttle Type Work Holding Stations, Length 75', (54) Power Arm Model 300 Universal Vises Mounted on Rail
1 – **8-STATION CONTINUOUS ASSEMBLY TABLE**, Shuttle Type Work Holding Stations, Length 12', (8) Power Arm Model 300 Universal Vises Mounted on Rail
1 – **16-STATION CONTINUOUS ASSEMBLY TABLE**, Conveyor Work Holding Stations, Length 12', (16) Universal Vises Mounted on Rail

PAGE 24



280 SECTIONS INTERLAKE ADJUSTABLE STEEL PALLET RACKS

POWDER COATING LINE
LÍNEA DE PINTURA EN POLVO

1 – **ENGINEERED POWDER APPLICATORS CONTINUOUS POWDER COATING LINE, (1998)**, Stainless Steel Booth 48" x 174" x 62"H, (4) Gema Automatic Spray Guns and Controls, (1) Gema Type PG-1 Spray Gun, (5) ITW Gema PGC-1 Controls, Stainless Steel Canisters, (1) Portable Powder Collection Hopper, (2) Stainless Steel Storage Hoppers, (1) Portable Filter, Cartridge Filters, Final Filters, Powder Booth Diagnostic Monitor, Asst'd Powder

INDUCTION HARDENERS
ENDURECEDORES POR INDUCCIÓN

1 – **RADYNE 2-STATION R.F. INDUCTION HARDENING MACHINE, (1998)**, Chamber 41" x 28" x 18", Variable Grid Drive, Cooling Tower, Guardstar Series B Model B0630E Infrared Safety Curtain, Total Control Pro-Face Quickpanel-Jr Liquid Crystal Display, Electrical Controls
1 – **RADYNE STAR GEAR INDUCTION HARDENING MACHINE**, Chamber Size 35" x 24" x 30", Cycle Timers, Power Supply, Refrigerated Cooling Tower
1 – **AMERICAN INDUCTION 2-STATION INDUCTION HARDENING MACHINE**, (1) **4RF60**, S/N 8306-01-118, Input 130-KVA, 3/60/460, Output 15,000-Volts at 450 KHz, (2) Plate Meters, (1) Grid Meter, (1) **RF-1-50-2**, S/N 4439-1-275, Input 110-KVA, 3/60/460, Output 50-KW at 260-KHz, Both with (4) Cycle Timers

FURNACES & OVENS
HORNOS PARA TRATAMIENTOS TÉRMICOS

1 – **DESPATCH CONTINUOUS GAS STRESS RELIEF HEAT TREAT FURNACE**, S/N 117325, Opening 66" x 24", Normal Operating Temp. 1,000° F, Max. Operating Temp. 1,150° F, Cooling Tunnel, Exhaust Fans, Trouble Spotter Control, Honeywell Digital Temperature Controls
1 – **GRIEVE MODEL BF-122412 15-KW ELECTRIC FURNACE**, S/N 47792A0698, Chamber Size 12" x 12" x 27-1/2", Maximum Operating Temperature 2,000° F, 1/60/230, Watlow Digital Temperature Controls
3 – **ELECTRIC HEAT TREATING FURNACES**, Air-Operated Cover, Honeywell Temperature Controls, Cycle Timer
6 – **GRIEVE MODEL AA-500 4.4-KW ONE-DOOR OVENS**, M#9447, M#16785, M#13771, M#12772, M#13880, M#18784, Operating Temperature 500° F, Chamber Size 24" x 24" x 24", Partlow Temperature Controls, Exhaust Fan, 3/60/230, Electrical Controls
1 – **THELCO MODEL 28 ONE-DOOR BENCH TYPE ELECTRIC OVEN**, S/N 21-A11-3



1 OF 8 POWER BELT CONVEYORS

HYDRAULIC BALERS
PRENSAS HIDRÁULICAS PARA HACER PACAS DE CHATARRA

2 – **NICHOLS MODEL EA30606HDFS6 HYDRAULIC BALERS**, S/Ns BB7674, BB7755, Bale Size 55" x 20" x 45", 10-HP Hydraulic System, 3/60/220, Electrical Controls
1 – **TUBAR MODEL TB-60 HYDRAULIC BALER**, S/N N/A, Bale Size 60" x 20" x 42", 10-HP Hydraulic System, 3/60/220, Electrical Controls

NARROW AISLE FORKLIFTS
MONTACARGAS PARA PASILLOS ANGOSTOS

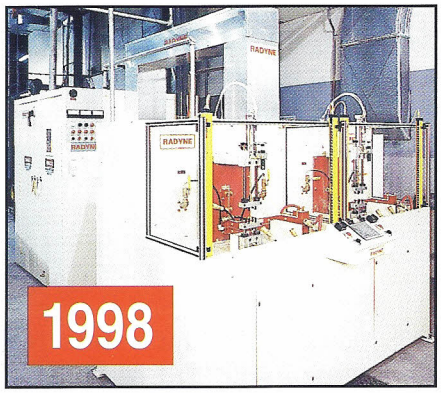
4 – **RAYMOND 3,000-LB. ELECTRIC NARROW AISLE FORKLIFT TRUCKS, (2) MODEL 537CSR30T SIT-DOWN RIDE-UP REACH**, S/Ns 5379702572, 5379702573 **(BOTH 1997)**, Max. Lift 250", Reach 28-1/4", Forks Traverse Left or Right, Forks Swivel 90° Left or Right, (1) **MODEL 21RA30TT STAND-UP REACH**, S/N 021D8905076 **(1989)**, Maximum Lift 267", Reach 24", Side Shifter, (1) **EASI-OPC30TT STAND-UP**, S/N EASI-97AJ17180 **(1997)**, Max. Lift 240", Intellidrive System, All with 42" Forks, Overhead Guard, Solid Tires
2 – **CLARK MOD. NP30030B 1,200-LB. ELECTRIC NARROW AISLE STAND-UP REACH FORKLIFTS**, S/Ns NP2452353996FA-M24S **(1996)**, NP245204339FA, Maximum Lift 245", Forks 36", Reach 24", Driver Overhead Guard, Solid Tires

LPG FORKLIFTS
MONTACARGAS A GAS LP DE UÑAS

1 – **CLARK CLARKLIFT MOD. C500-60 5,000-LB. LPG FORKLIFT TRUCK**, S/N 355-971-4635, Maximum Lift 187", Forks 48", Driver Overhead Guard, Side Shifter, Solid Tires
1 – **CATERPILLAR T35D 3,500-LB. LPG FORKLIFT TRUCK**, S/N 5GB08516 **(1991)**, Maximum Lift 191", Forks 42", Driver Overhead Guard, Side Shifter, Solid Tires
2 – **YALE GLC030CDJUAE083 3,000 LB. LPG FORKLIFT TRUCKS**, S/Ns N549867 **(1994)**, N435443 **(1987)**, Maximum Lift 190", Forks 48", Driver Overhead Guard, Solid Tires, S/N N549867 With Side Shifter
1 – **CLARK MODEL GCS15 2,650-LB. LPG FORKLIFT TRUCK**, S/N G1709636790FA, Max. Lift 188", 42" Forks, Overhead Guard, Solid Tires

A 10% BUYERS PREMIUM IS IN EFFECT
EN ESTA VENTA ESTAR EN EFECTO UNA PRIMA DEL 10% AL COMPRADOR

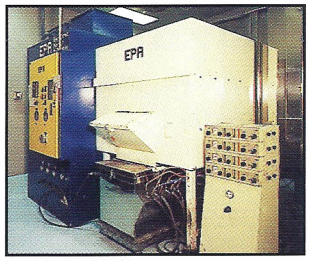
ALL PURCHASES MUST BE PAID IN U.S. DOLLARS
TODAS PAR COMPRAS DEBERÁN PAGARSE EN DÓLARES AMERICANOS



RADYNE 2-STATION R.F. INDUCTION HARDENING MACHINE



ENGINEERED POWDER APPLICATORS CONTINUOUS POWDER COATING LINE





ELECTRIC FORKLIFTS
MONTACARGAS ELÉCTRICOS DE UÑAS

1 – **HYSTER E50XM-27 5,350-LB. ELECTRIC FORKLIFT TRUCK**, S/N F108161870R **(1994)**, Maximum Lift 189", Forks 42", Driver Overhead Guard, Solid Tires

1 – **HYSTER E30XL 2,500-LB. ELECTRIC FORKLIFT**, S/N C114V09004T **(1996)**, Max. Lift 191-1/2", Forks 42", Side Shifter, Driver Overhead Guard, Solid Tires

1 – **YALE ERCO30ABN367E085 3,000-LB. ELECTRIC FORKLIFT TRUCK**, S/N N442540 **(1986)**, Maximum Lift 172", Forks 42", Driver Overhead Guard, Solid Tires

1 – **HYSTER E50XM-27 5,400-LB. ELECTRIC FORKLIFT TRUCK**, S/N CF108D6B96T **(1996)**, Maximum Lift 189", Forks 42", Driver Overhead Guard, Solid Tires

1 – **HYSTER E35XL 3,500-LB. ELECTRIC FORKLIFT TRUCK**, S/N C114V081485, Max. Lift 191-1/2", Forks 42", Side Shifter, Driver Overhead Guard, Solid Tires

1 – **HYSTER E30XL 2,500-LB. ELECTRIC FORKLIFT**, S/N CH4-V09005T **(1996)**, Max. Lift 191-1/2", Forks 42", Side Shifter, Driver Overhead Guard, Solid Tires

1 – **RAYMOND 112TM-FRE60L 6,000-LB. ELECTRIC WALKIE BATTERY LIFT TRUCK**, S/N 112-96-18432, 24-Volt, 750-Amp/Hour

1 – **CROWN MODEL 20WBEL 2,000-LB. ELECTRIC WALKIE TYPE FORKLIFT TRUCK**, S/N 6A155849 **(1996)**, Maximum Lift 106", Forks 42"

SCISSORS PLATFORM LIFT
PLATAFORMAS ELEVADORAS TIPO TIJERA

1 – **FLYING TIGER F5018 SCISSORS PLATFORM LIFT**, S/N 534, Platform 68" x 39", Battery Charger, Outriggers

MATERIAL HANDLING
EQUIPO PARA MANEJO DE MATERIALES

4 – **5,000-LB HAND HYDRAULIC PALLET TRUCK**, (1) **BLUE GIANT**, (3) **ROL-LIFT**

14 – **HH PALLET TRUCKS**

2 – **ECONOMY 1,000-LB HAND HYDRAULIC PLATFORM LIFT TRUCKS**, S/Ns 31033, N/A, Maximum Lift 72"

1 – **500-LB PLATFORM LIFT TRUCK**, Cable Hoist

1 – **MIDWEST 20" X 40" PORTABLE HYDRAULIC DIE TABLE**

280 – **INTERLAKE ADJUSTABLE STEEL PALLET RACKS**, Size 108" x 42" x 22'

1 – **3-TON FREE STANDING TRAVELING BRIDGE CRANE**, With Coffing 3-Ton Electric Chain Hoist, Span 24', Runways 36', Pendant Controls

1 – **18" X 600' POWER BELT CONVEYOR**

8 – **POWER BELT CONVEYORS**, (4) 20" x 102', (2) 18" x 60', (1) 18" x 30', (1) 18" x 20'

1 – **OVERHEAD CHAIN CONVEYOR, 2,000'**

5 – **BEST-FLEX PACK LINE-1 18" X 20' EXPANDABLE-FLEXIBLE GRAVITY SKATE ROLLER CONVEYORS**

10 – **SCISSORS LIFT TABLES**, (1) 60" x 30", (6) 60" x 36", (3) 40" x 20"

1 – **SCISSORS LIFT 30" X 60" STOCK CART**

150 – **PALLETAINER WIRE BASKETS**

LABORATORY EQUIPMENT
EQUIPO DE LABORATORIO

1 – **BUEHLER HAND HYDRAULIC 2-POST MOLD PRESSURE TESTER, M#12749**

1 – **BUEHLER SAMPLMET-2 ABRASIVE CUT-OFF SAW**

1 – **BECKMAN OMEGA-40 pH METER**

PRECISION & INSPECTION
EQUIPO DE PRECISIÓN E INSPECCIÓN

1 – **MICROVAL PRECISION BENCH TYPE COORDINATE MEASURING MACHINE**, M#18678, 3-Axis Digital Readout

2 – **WILSON ROCKWELL HARDNESS TESTERS**, (1) **MODEL 4DT-P**, S/N 524-1081 **(1981)**, Digital Readout, (1) **MODEL 4JR**, S/N 4JR-4744

1 – **TAYLOR-HOBSON SURTRONIC-3F PROFILOMETER**

1 – **CHATILLON TCD200 ELECTRONIC TENSILE TESTER**, Force Measurement Meter, M#18679

1 – **PANAMETRICS ULTRASONIC THICKNESS GAGE**

1 – **BROWN & SHARPE HITE-TRONIC 24" ELECTRONIC HEIGHT GAGE**

1 – **KODAK 14" OPTICAL COMPARATOR AND MEASURING MACHINE**, M#781

1 – **TAYLOR-HOBSON TALYRON-200 STRAIGHTNESS ATTACHMENT**, S/N 112/1333F255, (1) Strip Chart Recorder, (1) Plotter, (1) Profile Unit Reference Computer-5

1 – **MACBETH SPECTRALIGHT NATURAL LIGHT INSPECTION BOOTH**

1 – **GRIEVE MODEL LR2 70C ONE-DOOR BENCH TYPE LAB OVEN**, 1000-Watt, Barber-Coleman Temperature Controls, 1/60/115

1 – **BAUSCH & LOMB STEREO ZOOM INSPECTION MICROSCOPE**

1 – **AMERICAN OPTICAL MODEL 569 STEREO ZOOM INSPECTION MICROSCOPE**

1 – **TEKTRONIX 576 CURVE TRACE OSCILLOSCOPE**

2 – **DIXON SGL. CYLINDER WIRELESS TACHOMETERS**

1 – **FEDERAL DIMENSIONAIR MODEL EAG-3111 ELECTRONIC AIR GAGE**

1 – **WESTERN PRECISION AIR GAGE**

1 – **BLACK & DECKER 36" X 24" X 4" BLACK GRANITE SURFACE PLATE**

2 – **GRANITE 2-LIP SURFACE PLATES**, 36" x 24" x 6", 36" x 24" x 4"

1 – **COLLINS MICRO-FLAT 24" X 18" X 4" 2-LIP BLACK GRANITE SURFACE PLATE**

1 – **GRANITE 24" X 18" X 4" 4-LIP SURFACE PLATE**

1 – **STARRETT 8" X 12" X 2" GRANITE SURFACE PLATE**

1 – **SNAP-ON TORQUE WRENCH TESTER**

32 – **SNAP-ON TORQUE WRENCHES**

1 – **DRESSER-STRUTEVANT TORQUE TEST FIXTURE**

1 – **ARMSTRONG SPRING TESTER**

1 – **SHEFFIELD PRECISIONAIRE GAGE**

1 – **SUNNEN MOD. PG-800-S PRECISION HOLE GAGE**

1 – **9" X 20" C.C. BENCH CENTERS**

1 – **GENERAL RADIO MODEL 1657-RLC DIGIBRIDGE**

7 – **PRECISION PIN GAGE SETS**, (2) **VERMONT**, .011 to .625", .626 to 1.000", (5) **MEYER**, M-0 .011 to .060", M-1 .061 to .250", M-2 .251 to .500"

3 – **81 PIECE PRECISION GAGE BLOCK SETS**

1 – **MUELLER INSIDE DIAMETER GROOVE GAGE**

1 – **STARRETT DIAL SNAP GAGE**

1 – **CHATILLON FORCE GAGE**

Height Gage Stands, Dial Indicators, Ring, Thread & Plug Gages, Starrett Clamps, Adjustable Parallels, Radius Gages, Micrometers to 6", Inside Micrometers, Depth Micrometers, Dial Bore Gages, Vernier Calipers

VEHICLES
VEHÍCULOS

1 – **1997 DODGE 8-PASSENGER VAN**, S/N UK509244, V-8 Engine, Automatic Transmission, Air Conditioning, Power Steering & Brakes, AM/FM Stereo Radio

1 – **1996 DODGE 1500 1/2-TON PICKUP TRUCK**, S/N TM195268, V-8 Engine, Auto. Transmission, Air Conditioning, Power Steering & Brakes, AM/FM Stereo Radio

1 – **1992 DODGE SPIRIT 4-DOOR**, S/N NT2611322, Turbo 2.5-Liter M.P.F.I. Engine, Auto. Trans., Power Steering, Brakes, Locks, Air Conditioning, AM/FM Stereo

1 – **1990 DODGE 1-TON FLAT BED TRUCK**, S/N LM058079, Bed Length 8', Diamond Plate Bed, LPG, V-8 Engine, 4-Speed Transmission, Mileage 106,000

DIRECTIONS TO SALE

From International Airport

Proceed on Blvd. Jesus Garcia Morales approx. 3 miles to Periferico Poniente (1st light). Turn left (north) on Perferico Poniente approx. 2 miles to sports complex on left. Make U-Turn at sports complex to the drive along south side of sports complex. Follow drive to sale site. Watch for auction and parking signs.

INSTRUCCIONES PARA LLEGAR AL LUGAR DE LA VENTA

Del Aeropuerto Internacional

Seguir por el Blvd. Jesús García Morales por aprox. 3 millas hacia el Periférico Poniente (el primer semáforo). De vuelta a la izquierda (hacia el norte) en el Periférico Poniente aprox. 2 millas hasta el campo deportivo a la izquierda. De vuelta en U en el campo deportivo hacia el camino por el lado sur del campo deportivo. Siga por este camino hasta llegar al lugar de la venta. La subasta y estacionamiento estarán señalizados.



INDUSTRIAL REAL ESTATE
FOR SALE OR LEASE
THROUGH PRIVATE NEGOTIATIONS ONLY

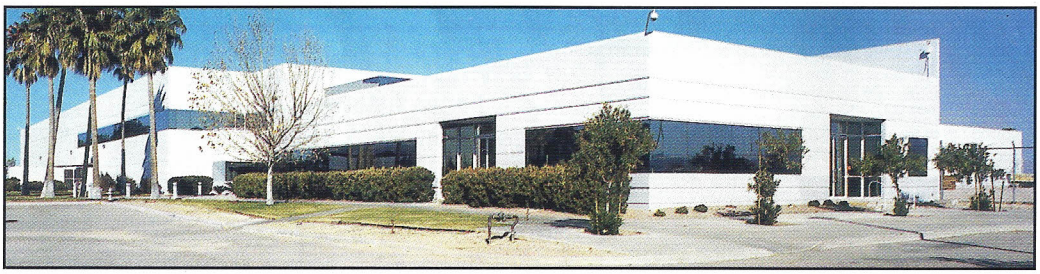
6085 South McCulloch Drive, Tucson, Arizona

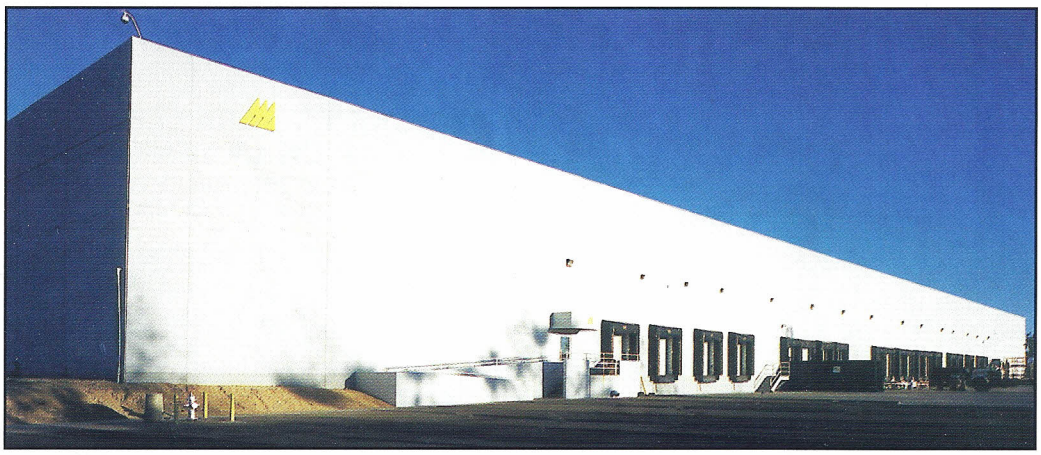
Located at the key interchange of Kolb and Valencia Roads approximately 1 mile north of Interstate 10

Office / Warehouse / Manufacturing Complex • 2 Buildings Totaling over 240,000 Sq. Ft.
Built 1988 featuring a "Class A" Office Building designed for corporate headquarters, R & D and Testing facilities, and a large open manufacturing/distribution space











Total Land Area: 29.5 Acres
Zoned CI-2 (Office / Manufacturing)
Foreign Trade Zone

Building Area: 243,516 Sq. Ft.
Concrete Tilt-up (1988)

38,425 Sq. Ft. 2-Story Office Building

- (4) 9,300 sq. ft. wings, center atrium
- Computer Room with Raised Floor
- 1,200 amp, 277/480 volt, 3 phase power entrance
- Conference rooms, lunch room, board room, executive offices
- 225 parking spaces (1:170)
- 5+ acre site

206,691 Sq. Ft. Office Manufacturing Warehouse Building

- 8,560 sq. ft. lobby / show room / office
- 16,200 sq. ft. R&D / product testing
- 10, 840 sq. ft. 2nd floor customer service
- 169,491 sq. ft. warehouse, mfg., offices, support area
- 1,600 sq. ft. remote guard house
- 28' clear height
- Heavy power: 4,000 amp, 277/480 volt, 3 phase entrance
- Total site: 24+ acres - room for expansion

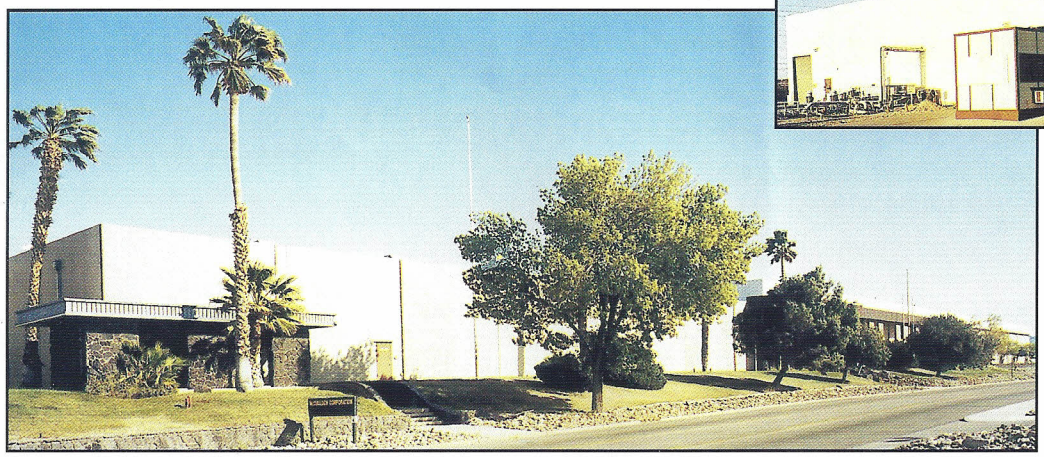
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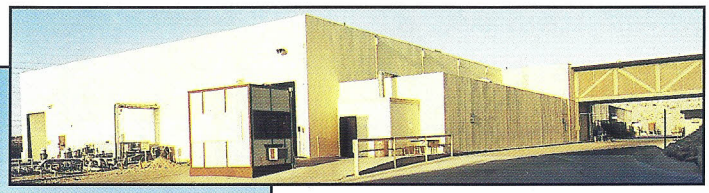
Stephen D. Cohen - PICOR Commercial Real Estate
1100 N. Wilmot, Suite 200 • Tucson, Arizona 85712
Phone (520) 546-2750 • Fax (520) 546-2775 • scohen@picor.com

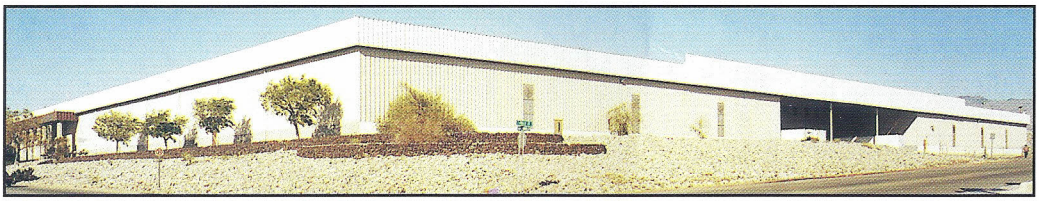
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1850 North Central Ave., Suite 300 • Phoenix, Arizona 85004
Phone (602) 229-5911 • Fax (602) 253-1107 •
lfisk@phoenix.cushwake.com

900 North Lake Havasu Avenue • Lake Havasu City, Arizona

Office / Warehouse / Manufacturing Complex
3 Buildings Totaling over 500,000 Sq. Ft.







Land Area: 30.66 Acres
Zoned MP1-P (Industrial Park)

Building Area: 503,033 Sq. Ft.
Metal, Masonry & Concrete Tilt, All Utilities: Electricity, Gas, Phone, City Water and Sewer, 69kv Power Available

Building 1 (Die Casting)
- 6,184 sq. ft. administrative offices
- 50,000 sq. ft. production area
- 24 ft. clear height

Building 2 (Assembly)
- 24,997 sq. ft. administrative offices
- 114,337 sq. ft. production area
- 298,541 sq. ft. warehouse/packaging
- 20 to 31 ft. clear height

Building 3 (Maintenance)
- 8,974 sq. ft. administrative

FOR FURTHER INFORMATION, PLEASE CONTACT: **R. Leighton Fisk or Craig Esslinger - Cushman & Wakefield**
1850 North Central Avenue, Suite 300 • Phoenix, Arizona 85004 • Phone (602) 229-5914 • Fax (602) 253-1107

Avenida Jesús Siqueiros No. 652, Colonia Alvaro Obregón, Hermosillo, Sonora, México

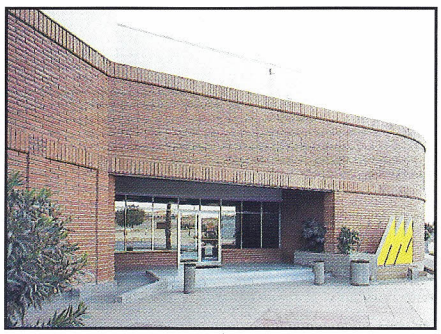
Manufacturing / Warehouse Facility • Constructed in 1997

Land Area: 9.9 Acres
(430,499 Sq. Ft.)
Zoning: Industrial / Light Manufacturing (Assembly, non-contaminants)

Building Area: 225,000 Sq. Ft.
- Office 16,000 sq. ft.
- Warehouse 53,000 sq. ft.
- Manufacturing 180,000 sq. ft.
- Miscellaneous 6,000 sq. ft.



- Electricity, Phone, Water and Sewer
- Ample Paved Parking • 22 dock doors
- Excellent Labor Force • 5-Ton Crane
- 30' Ceiling Height in Warehouse and Manufacturing Areas
- Roof mounted (electrical forced) air conditioning units for the office and manufacturing areas,
- Evaporative coolers for the warehouse,
- 5,000 KVA electric service meets all local municipality codes
- Fully sprinklered system





Security cameras outside facility, Metal detectors at the employees' entrance, Intercom system throughout facility

FOR FURTHER INFORMATION, PLEASE CONTACT
Enrique Portillo, Director or Adrian Slater, Associate Director - Cushman & Wakefield/GCI
Edificio Torres Campestre, Suite 202 • Blvd. Tomás Fernández #7940 • Cd. Juárez, Chih., 32470 México
Phone 011-(5216) 29-1480/81 • Fax 011-(5216) 29-1482

4-DAY PUBLIC AUCTION
SUBASTA PUBLICA

By Order of the U.S. Bankruptcy Court, District of Arizona, Chapter 11, Case No. 99-0074-TUC-JMM, Bankrupt Assets of
Por orden de la Corte de Bancarrotas de los E.U.A., los activos de

McCULLOCH NORTH AMERICA INC.

Equipment Used In The Manufacturing of Chain Saws and Lawn & Garden Equipment

Over 800 Machine Tools

3 LOCATIONS

PAGES 2 THROUGH 14

TUESDAY & WEDNESDAY, MAY 11th & 12th
Beginning at 10 am (Local time) Each Day

MARTES 11 Y MIÉRCOLES 12 DE MAYO • Diario Principiando a las 10 a.m. (hora local)

900 Lake Havasu Avenue • Lake Havasu City, Arizona

INSPECTION: Monday, May 10th 9 am to 4:30 pm and morning of sale

PAGES 15 THROUGH 19

THURSDAY, MAY 13th • 10 am (Local time)

JUEVES 13 DE MAYO • Principiando a las 10 a.m. (hora local)

6085 S. McCulloch Drive • Tucson, Arizona

INSPECTION: Wednesday, May 12th, 9 am to 4:30 pm and morning of sale

PAGES 20 THROUGH 25

TUESDAY, MAY 18th • 10 am (Local time)

MARTES 18 DE MAYO • Principiando a las 10 a.m. (hora local)

McCULLOCH S.A. De C.V.
Av. Jesús Siqueiros #652, Col. Alvaro Obregón
Hermosillo, Sonora, México

INSPECTION: Monday, May 17th, 9 am to 4:30 pm and morning of sale

NAA National Auctioneers Association
MDNA Machinery Dealers National Association
AMEA Association of Machinery and Equipment Appraisers — Appraisers on Staff
ASA Appraisers on Staff
Association of European Machine Tool Merchants
Industrial Auctioneers Association
California CAA

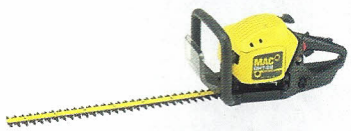
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See Page 15 For Details



±100 Gas Blowers



±150 Gas Chain Saws



±400 Gas Hedgetrimmers



±40,000 Electric Trimmers

Also Including
±700 Gas Trimmers
±35 Electric Chain Saws
±260 Electric Blowers
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Firm State Bar No. 00126000
ONE SOUTH CHURCH AVENUE
SUITE 1700
TUCSON, ARIZONA 85701-1621
TELEPHONE (520)770-8700
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E-MAIL: sboswell@sllaw.com

Attorneys for Debtors

Susan G. Boswell, Esq. (AZ Bar #4791)
Steven R. Haydon, Esq. (AZ Bar #10912)
Nancy J. March, Esq. (AZ Bar #12802)

IN THE UNITED STATES BANKRUPTCY COURT

FOR THE DISTRICT OF ARIZONA

In re:	Chapter 11
McCULLOCH CORPORATION, a Delaware corporation (fka McCulloch Holding, Inc.) (Tax I.D. No. 86-0861957),	Case No. 99-00074-TUC-JMM
	JOINTLY ADMINISTERED
- and -	**AMENDED NOTICE OF HEARING ON DEBTORS' MOTION FOR ORDER AUTHORIZING AND APPROVING SALE OF ASSETS FREE AND CLEAR OF LIENS, CLAIMS, INTERESTS, AND ENCUMBRANCES, AND ASSUMPTION AND ASSIGNMENT OF EXECUTORY CONTRACTS**
McCULLOCH NORTH AMERICA, INC., a Maryland corporation (fka McCulloch Corporation) (Tax I.D. No. 95-3832942),	
Debtors.	

NOTICE OF HEARING ON MOTION

NOTICE IS HEREBY GIVEN that a hearing will be held on **October 4, 1999, at 1:30 p.m.** (the "Sale Hearing") before The Honorable James M. Marlar, U.S. Bankruptcy Judge, 110 S. Church Ave., Hearing Room 3150, First Floor, Tuluca Building, Tucson, Arizona, to consider and act upon the "Debtors' Motion For, and Memorandum in Support Of, Order Authorizing and Approving (1) Sale of Assets Free and Clear of Liens, Claims, Interests and Encumbrances, and (2) Assumption and Assignment of Executory Contracts" (the "Sale Motion"), filed by McCulloch Corporation ("Corp") and McCulloch North America, Inc. ("McCulloch NA") (Corp and McCulloch NA are hereinafter collectively referred to as "McCulloch" or the "Debtors"), the debtors and debtors in possession in the above jointly administered cases.

DESCRIPTION OF MOTION

Pursuant to the Sale Motion, McCulloch has requested that the Court authorize and approve a proposed sale of certain assets to Jenn Feng Industrial Co., Ltd. ("Jenn Feng"), as described further below. McCulloch and Jenn Feng have entered into a letter of intent (the "Letter of Intent") which provides, subject to the Court's approval and higher

and better bids, for the sale of Assets (as defined in the Letter of Intent) to Jenn Feng (the "Sale") for $7,500,000 (the "Jenn Feng Purchase Offer"). The purchase price is composed of a cash component of $7,000,000 to be paid to McCulloch (the "Cash Component") and a holdback fund of $500,000 to be retained by Jenn Feng, out of which, in Jenn Feng's sole discretion, Jenn Feng will pay customer satisfaction claims relating to products sold or distributed by McCulloch or its agents. A copy of the Letter of Intent is attached to the Sale Motion. The basic terms of the Sale are set forth in the Letter of Intent and will be incorporated into a comprehensive sale and purchase agreement (the "Purchase Agreement") that will be filed with the Court at least fourteen (14) business days before the Sale Hearing. The Debtors will provide a copy of the Purchase Agreement to any person that requests a copy thereof in writing.

Subject to Jenn Feng's review and determination, the Sale of the Assets may include certain executory contracts and unexpired leases of McCulloch (the "Executory Contracts"). Accordingly, on or before the 22nd day prior to the Sale Hearing, Jenn Feng will identify those Executory Contracts that it wishes to include in the Assets, and thereafter on or before twenty (20) days prior to the Sale Hearing, McCulloch will file a list of those Executory Contracts with the Court and will provide notice of the Sale Motion to the affected parties.

The Assets include certain tools and other production equipment (the "Tools and Equipment") which are in the possession of third party suppliers who, upon information and belief, may assert a possessory lien against such Tools and Equipment (the "Tools and Equipment Creditor"). Pursuant to the agreement between Jenn Feng and McCulloch, the parties will agree upon an allocation of the Cash Component and McCulloch will, prior to the Sale Hearing, give notice of the amount of the Cash Component allocated to the Tools and Equipment. McCulloch will also give notice of the proposed allocation of the Cash Component to each of the Tools and Equipment being purchased and the amount of sales proceeds which each affected Tools and Equipment Creditor should receive from the Sale. The possessory liens of such Tools and Equipment Creditors will attach to the proceeds in accordance with the allocation proposed by McCulloch and approved by the Court. If there is any dispute regarding the claim of any Tools and Equipment Creditor, the proceeds of the Sale allocated to the Tools and Equipment which secure such Tools and Equipment Creditor's disputed claim will be segregated and held by McCulloch until resolution of the dispute.

McCulloch NA and Jenn Feng had previously entered into a "License Agreement" dated as of June 30, 1999 (the "License Agreement"), whereby McCulloch NA licensed to Jenn Feng the right to use certain technology and patents owned by McCulloch NA as more fully described in the License Agreement (the "Licensed Technology and Patents"). The License Agreement was approved by the Bankruptcy Court. The License Agreement provides that Jenn Feng will have the right of first refusal in the event McCulloch NA enters into a letter of intent or memorandum of understanding for a sale of the Licensed Technology and Patents (the "Right of First Refusal") to a Competitor (as defined in the License Agreement). McCulloch NA and Jenn Feng have agreed upon the treatment of the Right of First Refusal in conjunction with the Sale of the Assets, which as set forth below modifies the Right of First Refusal (as modified, the "Alternative Right of First Refusal") for purposes of this sale and which has been approved by the Court.

The Sale of the Assets shall be subject to the following conditions and the Sale Hearing shall be conducted as follows:

(a) Until the earlier of September 15, 1999 or the execution by McCulloch and Jenn Feng, of the Purchase Agreement, McCulloch will not undertake any efforts to sell the Assets to any person other than Jenn Feng (the "Exclusivity Period").

(b) The Alternate Right of First Refusal only applies in the event of a bid by a Competitor (as defined in the License Agreement). If the highest and best bid is by a party other than a Competitor, Jenn Feng will not have the Alternate Right of First Refusal.

(c) The Debtors shall be required to accept any bid by Jenn Feng at the Sale Hearing which monetarily equals or exceeds the highest competitive bid of a Competitor and which is comparable or more favorable to the Debtors in all other respects.

(d) Any entity other than Jenn Feng that wishes to bid for the Assets must provide prior written notice of its intention to bid for the Assets at the Sale Hearing. Such written notice must be filed with the Bankruptcy Court and served on counsel for the Debtors, counsel for the Official Committee of Unsecured Creditors, the Agent for the secured lender, and Jenn Feng so that it is received by such parties no later 5:00 p.m. Mountain Standard Time, October 1, 1999.

(e) If the Assets are sold to a Competitor, the License Agreement will not automatically terminate. Jenn Feng will have the option to (a) require a Competitor to buy the Assets subject to the License Agreement, or (b) terminate the License Agreement without penalty upon a closing of the sale to a Competitor.

(f) Jenn Feng shall notify counsel for the Debtors, in writing, by 9:00 a.m., Mountain Standard Time, October 4, 1999, whether Jenn Feng considers any of the bidders who have provided prior written notice of their intent to bid in accordance with this Order, to be a Competitor and whether Jenn Feng will require that a Competitor take the Assets subject to the License Agreement or that Jenn Feng elects to terminate the License Agreement upon the closing of a sale of the Assets to a Competitor.

(g) In the event a sale of the Assets does not close, Jenn Feng's rights pursuant to the original terms of the Right of First Refusal as contained in the License Agreement will continue in full force and effect.

(h) The sale will be a public auction sale and the Assets will be sold to the bidder presenting the highest and best bid as determined by this Court and upon such terms and conditions as the bidder may present and this Court may approve.

(i) Any competing offer to purchase all or a portion of the Assets must exceed the Jenn Feng Purchase Offer by at least $200,000, so that any competing bid after the opening bid must be at least $7,700,000 and must include a cash component to be paid to McCulloch of at least $7,200,000.

(j) Any competing bid must be a firm offer having the same or more favorable terms as the Purchase Agreement.

(k) In the event that the winning bidder (as determined by this Court at the Sale Hearing) fails to consummate the proposed transaction within the time approved by this Court, the Debtors will be free to consummate the proposed transaction with the next highest bidder (or, if that bidder is unable to consummate the transaction, the next higher bidder, and so forth) without the need for an additional hearing or order of this Court.

(l) All bidders will be required to identify their principals and to disclose to this Court whether the bidder or any of its principals are insiders of the Debtors, as that term is defined in 11 U.S.C. §101(31), or have any other relationship with the Debtors.

(m) Title to the Assets will be conveyed pursuant to an Order entered by this Court pursuant to 11 U.S.C. §363 approving the Sale of the Assets free and clear of all liens, claims, interests, and encumbrances including, without limitation, all claims which may arise for successor liability and pursuant to conveyance documents which are executed pursuant thereto.

NOTICE OF DEADLINE TO OBJECT

NOTICE IS FURTHER GIVEN that objections, if any, to the Sale Motion must be in writing and filed with the Clerk of the Bankruptcy Court, 110 South Church Avenue, Suite 8112, Tucson, Arizona 85701 **on or before**

September 20, 1999. Copies of objections shall also be served so that the same **are received on or before such date** by the following attorneys for the Debtor:

Susan G. Boswell, Esq.
Steven R. Haydon, Esq.
Streich Lang
One South Church Avenue, Suite 1700
Tucson, AZ 85701-1621
Telephone (520) 770-8700, Facsimile (520) 770-2222

Pursuant to General Order 43, any party filing a responsive pleading shall include as part of the caption, the date, time, and place of hearing. Pursuant to the Court's February 18, 1999, "Order re: Hearing Schedule and Procedures," any responding party who intends to present live testimony in support of an objection or answer shall, in the response, identify the expected witness(es), the subject matter of the testimony, and the anticipated time required for such testimony.

NOTICE OF FURTHER INFORMATION

For further particulars regarding the proposed sale, please see the Sale Motion on file with the Clerk of the U.S. Bankruptcy Court. Requests for copies and arrangement for pre-payment of copies can be made of Debtors' counsel by contacting Anita Hansen, Streich Lang, One S. Church Ave., Ste 1700, Tucson, AZ 85701-1621, phone (520) 770-8725, facsimile (520) 770-2215. In the alternative, arrangements to obtain copies may be made either with the Clerk, U.S. Bankruptcy Court, 110 S. Church Ave., Ste 8112, Tucson, AZ 85701, phone (520) 620-7500, or with the Bankruptcy Court's authorized copy service, Tucson Blueprint, 537 N. Sixth Ave., Tucson, AZ 85705, phone (520) 624-8881.

PURPOSE OF AMENDED NOTICE

This Amended Notice amends the "Notice of Hearings on Debtors' Motions for Orders Authorizing and Approving (1) Sale Of Assets Free and Clear of Liens, Claims, Interests and Encumbrances, and Assumption and Assignment of Executory Contracts, (2) Certain Sale Terms, Sale Procedures and Notice Procedures in Conjunction With Sale of Debtors' Assets" that was filed and served on August 27, 1999, and reflects certain terms of the sale approved by the Bankruptcy Court pursuant to the "Debtors' Motion For, and Memorandum in Support of, Order Authorizing and Approving Certain Sale Terms, Sale Procedures, and Notice Procedures in Conjunction With Sale of the Debtors' Assets" which was heard by the Court on September 7, 1999, and which are reflected in the Court's "Order Authorizing And Approving Certain Sale Terms, Sale Procedures and Notice Procedures In Conjunction With Sale Of The Debtors' Assets" dated September 8, 1999.

DATED this 14th day of September, 1999.

STREICH LANG, A Professional Association
One South Church Avenue
Suite 1700
Tucson, Arizona 85701-1621

By /s/ Susan G. Boswell #4791
Susan G. Boswell
Steven R. Haydon

Attorneys for Debtors

McCulloch Returns

■ *But parts are what dealers want.*

Like every show, EXPO 99 provided plenty of rumor-mongering opportunities. My guess is it's the close proximity of so many suppliers who are competitors, potential competitors or even potential "strategic partners"—many of whom have worked with or against each other in the past—that makes show visitors and exhibiting personnel talk about each other.

One of EXPO 99's big surprises (especially after *PET* wrote of the brand riding off into the sunset), and one that generated quite a bit of floor talk, was the appearance of a McCulloch booth, maybe a bit smaller in the past but still the same old yellow.

However, a closer look shows this isn't your father's McCulloch. What has taken its place is McCulloch North America Inc., which was formed by former McCulloch Corp. executives. McCulloch NA is working with an offshore supplier, Jenn Feng Industrial Co. Ltd. of Taiwan, to supply the North American market with an electric consumer hand-held product line (manufactured by Jenn Feng) that includes hedge trimmers, shredders, string trimmers and blowers.

Jenn Feng is paying McCulloch NA a licensing fee, and McCulloch NA is performing all North American marketing duties. According to Jim White, Vice President of Sales & Marketing, plans are to fully establish the consumer product line first, then get back into gas-powered products when possible.

While most sales outlets will be considered, no true dealer network in the traditional sense is currently being pursued—which is not to say it won't happen again in the future.

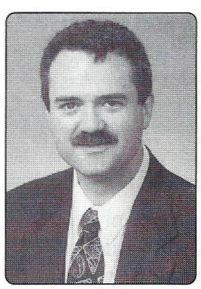
White says plans are to develop similar licensing agreements with manufacturers to supply gas-powered homeowner and professional products—even wheeled products—in the future. Such moves would necessitate the need for dealers. "But right now, we're a marketing company," he says.

In other words, don't go calling McCulloch North America looking for McCulloch parts. Instead, the people to call are your former McCulloch parts distributors or the folks at Original Equipment Inc. (OEI) in Greenwood, Ark.

When McCulloch Corp. was cut up and sold off piece by piece back in May, OEI purchased 77 truckloads of McCulloch parts (and are still working to get some of it into inventory). Ahlborn Equipment of Sayner, Wis. also bought some parts, mostly accessory-type items such as bars and chains, but the bulk of internal parts were bought by Original Equipment.

Original Equipment was one of more than 20 McCulloch distributors serving the U.S. when the company went under. According to OEI President Curtis Weaver, OEI is selling McCulloch parts through former McCulloch distributors—if possible.

"The person we all ought to be most concerned about is the consumer, and the best way to do that is to support the dealers," Weaver says. "In the U.S., some of the McCulloch distributors are continuing, but some are not.



"Our preference is that dealers buy from their (regular) McCulloch distributors if they can, but if they can't we'll ship direct," Weaver continues, adding that OEI is currently shipping direct to dealers in 25 states. Dealers without current McCulloch distributors can call OEI at 501-996-6844; Ahlborn's number is 715-542-3271.

For McCulloch dealers, there's no turning back to the past. But now, at least, there is a place to turn for parts. **PET**

DAN SHELL

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