

EMC BROCHURE & WEB SITE INFORMATION

BLADE TIP GRINDER

1. **2004 Danobat** model Dantip R3-1500/2000 blade tip grinder c/w **IPO** display system, **Schenck** model Vibrocontrol 1100 system, **Notifier** fire system, **KW Abrichttechnik GmbH** mandrel for diamond roll, **Solartron** digital probe, **Black Box** digital personal servSwitch, **APW** thermal management system, **IMV** uninterruptible power supply, **Heidenhain** elements, **Dome** Series high speed camera, **Carrier** chiller system, **AAF** model 1784248-1, **Rotoclone** dust collector system, 5,500 lbs loading bar, s/n 400-021

JET ENGINE TEST CELL

Engine Test Cell # 2 (High bypass Turbofan), 100,000 lbs thrust (structural), DAS upgrade to a state of the art ProDAS system, Complete upgrade of the Test Cell # 2 throttle system (2009), Engine Test Capabilities for JT9D-7, JT9D-7R4, CFM56-2A/2B/2C, CFM56-3B1/B2/C, CFM56-5A1/5A5/5A3, CFM56-5B3/5B4/5B6/5B5, CFM56-5C3/5C4, Data Acquisition System, DAS User Interface on Windows PCs, Throttle quadrant and UECU500 controller, Auto-throttle capability, Fully automated test procedures programmed from the OEM testing manuals, Engine and facility controlled through a GE Fanuc 90-30 series PLC and User Interface through PLC PC

BORING MILLS

WMW model BMT 105 horizontal boring mill, 48" x 60" rotary table, outboard support arms, 4" spindle, Heidenhain model Positip 855 controller, four axis digital read-out controller, floor plates, s/n 261

1997 **Kuraki** model KBM-11A horizontal boring mill, 37" x 41" rotary table, Fanuc Series 16-M CNC controller, (30) station tool holder, s/n 1040

Kuraki model KBT-11WDX CNC horizontal boring /milling machine, 55" x 63" rotary table, outboard table support arms, 50 taper tooling, Fanuc Series 15-M CNC controller, s/n n/a

Webster-Bennett 48" single head vertical boring mill, 48" table, Heidenhain two axis digital read-out controller, s/n n/a

Pietro Carnaghi model AC 15 CNC vertical boring mill, 60" table, (9) station tool holder, Sperry Vickers hydraulic power pack, GE Fanuc Series 18i-T CNC controller, s/n 85272

Morando 80" vertical grinding & boring mill c/w grinding spindle, vertical boring head, milling side head, Anilam model Wizard 350 Plus two axis digital read-out controller, s/n n/a

Dixi model 750N boring mill, 16" capacity 27" x 34" table, Fagor three axis digital read-out controller, s/n 805

Webster & Bennett 48' single head boring mill c/w Heidenhain two axis digital read-out controller, 25 hp, floor standing surround plates, s/n n/a

VERTICAL GRINDERS

Springfield model VGC-52 vertical internal & external grinder, Setco Precision model SPL spindle, 25 hp, 3600 rpm, 3/60/460 volts, s/n 147436 on spindle, 54" rotary table, GE Fanuc Series 15-T CNC controller, 80 total hp, 48 hp largest motor, (12) station tool holder, s/n S-29379295

Springfield 68" vertical grinder, NOM size 3.5 A-TR, Louis Allis 10 hp 3,455 rpm on spindle, type CTX, 54" table, type CTX, Heidenhain two axis digital read-out controller, s/n 73001

BALANCERS

1999 **Schenck** model VE401/CAB 690WE single plane balancer c/w controller, 3/60/460, s/n AVF 8516

2002 **Schenck** model HF-4VB balancer machine c/w (5) fan rotor components, 2002 **Schenck** model HF-4VB/CAB690H controller, s/n AHF8713M

1998 **Schenck** model H20BV/CAB 690H balancing machine, 1/60/230 volts, Pacemaster cnc controller, **Schenck** model CAB690 controller, 59" bed on balancer, spare tooling, five drawer, s/n 86346

1984 **Schenck** model HL5V balancer, 3/60/575, 2000 **Schenck** model CAB-690H controller, 2011 Automation enclosure, s/n AHG-0500

2000 **Schenck** model VE40L/CAB690Y single plane balancing machine, 3/60/575, c/w **Schenck** model CAB 690 controller, s/n AVF8526

Schenck model RL 50 VB shaft balancer c/w CAB 690 controller, s/n ARH0042

Schenck model VE-40L single plane balancer c/w controls, s/n AVF0018

THERMO SPRAY BUILD-UP & WELDING CELLS

Liburdi model HPT 300 Dabber precision welding system c/w Liburdi model Pulweld controls, Pandjiris model D-1500-4 welding positioner c/w arm, s/n 1878E00-1

Thermo Spray Build-Up Cell Consisting of: 2006 Fanuc model M-16i B/20 robot, Fanuc System R-J3i/C controller, Sulzer Metroc model 9MC plasma control unit, Sulzer model 10 MR power supply unit, Sulzer model 8ME heat exchanger, Allen Bradley model Panelview Plus 700 digital read-out controller, Flex-In Line welding positioner, Tafa model TCV 400 welding power supply, Sulzer Metco model 9 MP closed loop powder feed unit, Konecranes 250 lbs electric powered chain fall & enclosed booth

Thermo Spray Build-up Cell Consisting of: 2009 Fanuc model M-201A robot, s/n R097000397, Fanuc model System R-301A controller, Praxir model Tafa TC V 400 dual feed welding system on CoArc 9910, s/n AM970087, (2) welding positioners, Sulzer Metco model 9 MP closed loop powder feed unit, Sulzer Metco model 9 MC plasma control unit, Konecranes ¼ electric chainfall, enclosed booth and related support equipment

WATER JET CUTTING SYSTEM

1995 **Jet Edge** 55,000 psi capacity water cutting system, 150 hp, 3/60/575, filter system, Aircology dust collector, Fanuc model S-420F robot, Fanuc model System R-J controller , 12' x 17' long enclosure, 46" rotary table, Coffing 1 ton electric chain fall, , s/n 11228

HEAT TREAT FURNACES

Vac Aero model VAV 6072 HV-2 vacuum heat treating & brazing furnace, roll-in parts holding carriage, Siemens panel controls, Allen Bradley model Panelview 550 controller panel and related support equipment, s/n BM9712

Wisconsin model EWN-713-7.5E/EP two door roll-in oven, 10' x 14' long, 500° F max temp, electric powered, 108 kw input/hour, 3/60/575, 9 hp largest motor, controller, s/n 112330804

New England heat treat oven c/w Honeywell chart recorder, 600 volts, 2001 controls update, s/n n/a

Pyradia 48" x 70" x 70" two door roll-in heat treating oven c/w Honeywell chart recorder, s/n n/a

Canadian General Electric model AC2000 heat furnace, s/n 23756

Despatch model PS-3 heat treat oven, 51 kw heater, 850 F, 49 amps, 600 volts, s/n 76917

Park Thermal two compartment heat treat oven, 2300 F, controller, s/n P4249

Efco-Lindberg hardening furnace c/w control panel

Canefco model C-5085F1 door roll-in furnace, 250 ° - 450° f, 3/60/575, 72 kw, 80 amps, control panel, S/N C5085F1

Pyradia model R08C060156072HMTFD two door roll-in furnace, 3/60/600, 800° F, control panel, 7' x 14' long, s/n 1999-12-12921-F

Canefco model Ganefco F2 two door roll-in oven, 400°F, 3/60/575, controls, s/n 05085F2

1999 **Pyradia** model T06C084156090 HMTED two door roll-in oven, 500°F temp, 3/60/600, 8' x 18' long, s/n 1999-12-12920-1F

2001 **Pyradia** model R06P48048048HMTFG slide up door heat oven, 800°F temp, 3/60/600, controls, s/n 2001-08-14593-P

Tenney Jr. heat oven

Grobet drying oven c/w (2) Simpson dial readers

Blue M model PM-366H curing oven, 350 degrees Fahrenheit max temp, s/n Z59ZX6

DRYING OVENS

Tenney model 5 drying oven

Grobet drying oven c/w (2) Simpson dial readers

Yamato model DX-600 drying oven c/w Hi-Tech controller, s/n A9300026

Yamato model DX-600 drying oven c/w Hi-Tech controller, s/n n/a

CYLINDRICAL GRINDERS

Tacchella model 6AP cylindrical grinder, s/n 164558

Zocca model RU 2000/6 cylindrical external grinder, 26" x 72" c.c. c/w Heidenhain two axis digital read-out controller, s/n 2880

Schaudt model KRS cylindrical external grinder, 550 volts, s/n 115183

Jones-Shipman model 1307 internal & external cylindrical grinder, s/n B0-15287

VERTICAL MACHINING CENTRES

2001 **Milltronics** model VM24 vertical machining center, 24" x 42" bed, (24) station tool changer, Series F, 3/60/220, Centrusion 6 CNC controller, s/n 7074

TURNING CENTRES

2007 **Mori Seiki** model NL2500Y/700 turning centre, 38 kva, 3/60/220, Mori Seiki model MSX-850III CNC controller, Chip Blaster system, s/n NL251GB2971

2003 **Dyna Mechtronics** model DM1007 machining centre (6) station tool changer, 7" x 18" table, 7" x 13" pneumatic chuck, CNC controller, 5 kw, 1 hp, 220 volts, s/n DM10307

WELDING POSITIONERS

Irco welding positioned

Aronson model HD20A-PTVR2 welding positioned, 16,000 capacity, s/n 72302

Custom built welding positioner

ENGINE LATHES

EST-Ticino model 400 FM gap bed engine lathe, 32" x 72" c.c, 5.25" spindle bore, Anilam model Wizard 150 two axis digital read-out controller, (2) chucks, steady, floor platform, s/n 00600

Modern 12" x 36" C.C. engine lathe, three jaw chuck, three axis digital read-out controller, s/n 7781

1999 **Microweily** model TY-26120 engine lathe, 26" x 120" c.c., 3" spindle bore, Heidenhain three axis digital read-out controller, four jaw chuck, face plate, s/n BE8803-002

1998 **Clausing** model Colchester 15 engine lathe, 15" x 48" c.c., 25-2000 rpm on spindle, quick change tool post, 2" spindle bore, 3/60/575, Mitutoyo two axis digital read-out controller, s/n TG0165/0129

1999 **Microweily** model TY-1640S engine lathe, 2" spindle bore, 3 & 4 jaw chucks, face plate, Heidenhain two axis digital read-out controller, quick change tool post, s/n S8712-060

Standard-Modern model 1760 CNC lathe, 10 hp. 3/60/230, quick change tool post, Fagor CNC controller, 3 & 4 jaw chucks, face plate, s/n 12002

Graziano model SAG 14 engine lathe, 14" x 36" c.c. quick change tool post, 2" spindle bore, three jaw chuck, Mitutoyo two axis digital read-out controller, s/n 178268

Dean Smith & Grace model 25 engine lathe, 25" x 72" c.c. 4" spindle bore, four jaw chuck, steady, Heidenhain two axis digital read-out controller, s/n 40050

Dean Smith & Grace model 25 engine lathe, 25" x 60" c.c. 4" spindle bore, four jaw chuck, cabinet with tooling, Heidenhain two axis digital read-out controller, s/n 39347-5-72

Cazeneuve 16" x 60" c.c. engine lathe, 1.75" spindle bore, Heidenhain two axis digital read-out controller, three & four jaw chucks, s/n 8031X6

2010 **Cazeneuve** model 360 HBX lathe, 14" x 32" c.c., automatic thread pick-up, quick change tool post, Heidenhain two axis digital read-out controller, rack c/w space chucks, face plate, s/n n/a

Hardinge model HLV-EM bench lathe, 3/60/575, s/n n/a

Hardinge model HLV-EM lathe, 15 hp Heidenhain two axis DRO controller, s/n n/a

Ferro model 18 gap bed engine lathe, 18" x 60" c.c. Mitutoyo two axis digital read-out controller, four jaw chuck, s/n OMT7963

2006 **Victor** model 1640GS lathe, 6241 x 1000 cm, 16" x 40" c.c. Mitutoyo two axis digital read-out controller, 2" spindle bore, s/n 620487

Leblond 26" x 96" c.c gap bed engine lathe, 2" spindle bore, four jaw chuck, steady, **Heidenhain** two axis digital read-out controller, s/n 6H981

MILLING MACHINES

2008 **Iso-Mill Hypermill** model 55 VSI milling machine, 3/60/600, Accu-Sharp three axis digital read-out controller, 20" x 67" table, power draw bar, s/n 97073001

Rambaudi model Versamill milling machine, 20" x 64" table c/w Wizard three axis digital read-out controller, s/n 118083

Hectromark model JF-153V milling machine, 3/60/575 volts, 3 hp, Anilam model Wizard 350 Plus two axis digital read-out controller, s/n 990608

2005 **Frejoth** model FVTM-5VK milling machine, Acu-Rite digital read-out controller, s/n 8372

Bridgeport 1.5 hp milling machine c/w Heidenhain three axis digital read-out controller, s/n 379300383W

Accutec model 25000M milling machine, 11 KW, 3/60/575, 14" x 60" table, Heidenhain three axis digital read-out controller, s/n 1090226

Lagun model FU 140 milling machine, 12" x 55" table, Fagor three axis digital read-out controller, s/n n/a

Lagun model FTV-4 milling machine, 11" x 52" table c/w Heidenhain three axis digital read-out controller, 3/60/600, 5.5 hp, s/n n/a

2003 **King** model KC-40 HS milling & drilling machine, s/n 230729

2000 **Lagun** model GVM2 milling machine, powered table, Heidenhain three axis digital read-out controller, s/n 44684

Lagun model FTV-4 milling machine, 11" x 54" table, Heidenhain three axis digital read-out controller, s/n n/a

CMM'S

DEA-Brown Sharpe model NBSP30.20.15 Beta SP CMM, 100" x 115" between columns, 69" round table, floating floor, Renshaw model PH10M probe head, DEA controller unit, s/n 00053

Mitutoyo model Bright-M CMM c/w printer & computer, s/n BA000136

2001 **Brown & Sharpe** model Gage 20000 CMM, three, Tesa model Reflex CNC controller, s/n 0101-1534

SURFACE GRINDERS

Jones-Shipman model 1307 internal & external grinder, Heidenhain three axis digital read-out controller, s/n BD-12052

Jakobsen model 1832 surface grinder, 18" x 32" magnetic chuck, 1700 rpm on wheel, s/n n/a

PARTS WASHERS

Indo model 812 rotary table parts washer, 72" turntable, 60" working height, 2000 lbs capacity, 725 gallon water tank, 3/60/575, s/n NM1166-3-99

Proceso model Typhoon HD-62-48E-2500-R-B0-SS parts washer, 2,500 lbs load capacity, 3/60/600, 100 psi, 72 kw heater, s/n 99-223

1998 **Better** model E-3000-P parts washer, 3/60/200 volts, s/n 16373-M

Conceptech dip type ultrasonic cleaning system c/w controller

Conceptech dip type ultrasonic cleaning system c/w controller

Proceso model Typhoon HD 60-48-E-2000-C0-2-R parts washer, 3/60/575, 2,000 lbs table capacity, s/n 94-265

BLASTING CABINETS

2001 **Progressive** 8' to 14' x 14' long x 8' high L-shaped sand blasting system, double doors, roll-in table, Allen Bradley control panel for three axis gun moving positioning system, 3/60/600 volts, 81 amps, 200,000 amps capacity, Torit model DF T4-16 dust collector system, Magnavalve model FC shot flow controller, s/n 8552

2001 **Progressive** automatic sand blasting cabinet, two axis gun mover positioning system, flow metering system, s/n 8554

Blast-It-All 10' x 20' pneumatic blasting room, roll-in capacity, floor drop discharge system c/w dust collector & Schmidit blasting pot, s/n 080215039

Empire model PF-4848 Pro-Finish sandblasting cabinet c/w dust collector system, s/n 50-128708

Empire model PF-1846 Pro Finish sandblasting cabinet c/w Empire model CDC-6 dust collector system, s/n SD-129337

Empire model PF-7272 Pro Finish sandblasting cabinet, hydraulic side door opening system c/w dust collector, s/n 6179

Vapour Blast model VBLH3030 vapour blasting system, (2) heads c/w water holding tank, air filter system, s/n 6904

Empire model PF-6060 Pro-Finish shot blasting cabinet c/w Empire model DCM-200A dust collector system, s/n 5257

P&G model Pram 31 blasting cabinet c/w dust collector system

Empire model PF-4848 blasting cabinet c/w dust collector system, s/n 7826

Empire model PF-7272 Pro Finish blasting cabinet c/w dust collector system, s/n 7855

Empire model PF-3648 blasting cabinet c/w dust collector, s/n 6301

Empire model EF-2436 blasting cabinet c/w dust collector, s/n C-24123

Empire model PF-4848 blasting cabinet c/w dust collector, s/n 7828

Empire model PF-3648 blasting cabinet c/w dust collector, s/n 97232

PEENING MACHINES

T.B. Machine 10 gun air peening machine, two door 3/60/575, controller, s/n TB-116

Peenamatic model 613 peening machine, controls, s/n 4784

Peenamatic model 2282 peening machine, s/n 6408

Custom built peening cabinet

Custom built peening cabinet

Glass bead peening cabinet c/w controls, dust collector, s/n n/a

Ramblast 10' x 15' long peening cabinet, three doors, controller

IGNITION TESTING SYSTEMS

Unison model Power Module 11-20300 ignition testing system c/w Tektronix model TDS 3032C digital phosphor oscilloscope, Fluke model 8845A digit precision multimeter

Unison model Multiload Module 11-20200 ignition test system, low tension plug, open load, high tension gap

Unison model 11-20400 components test module ignition test system c/w Quad Tech model 1920 precision LCR meter

Unison model 11-20450 lead test module ignition test system c/w Extech model 380560 milliohm meter

Unison model 11-20/00 air test module ignition test system

Bendix model 11-4700-2 jet ignition system tester, s/n 0017

WIRE CUT-TO-LENGTH

1998 **Spectrum** model Capris 50 MP cable cut-to-length & end strip machine, s/n C058

OIL FLOW TESTING BENCH

2008 **Bauer** model C174B726 oil flow testing stand, 3/60/575 c/w sound proof cabinet, Superwinch chain fall, lights, s/n 41377

AIR FLOW TEST STAND

Bauer model JT9D blade & turbine duct air flow test stand, s/n 001

EDM DRILL

Ajax model 32232 EDM drill c/w EDM drill model ST300C three axis digital read-out controller, Elenix model SRJ controller, Heidenhain four axis digital read-out controller c/w mill model model VMS mill, 12" x 50" table, Ebbco package filtration system, s/n 17722

LANDING GEAR WORK PLATFORMS

(3) **SteelTek** adjustable landing gear work platform, 4,000 lbs capacity, 56" x 24' long, electric powered up and down on platform, lights, safety rail, stairs

DUST COLLECTORS

Qair model Pro-Vac dust collector system

Qair model FDV-6000 dust collector system, s/n 49028

Arrestall dust collector system

Aercology model DM1500 portable dust collector, s/n 52278

Qair model 1500 portable dust collector, 3 hp, 1/60/230 volts, s/n 98-0793

Qair model 1500 portable dust collector, 3 hp, 1/60/230volts, s/n 98-0793

2008 **Oskar** model SPC-750F portable dust collector, 1.5 hp, s/n 075208

Torit dust collector system

Large dust collector system

Shot peen separator unit

Empire model DCM-200A Pro Finish dust system c/w tank, s/n C-18780

Projinex peening dust collector system

Guyson peening dust collector system

LAPPING MACHINE

Matrix model 24 Lapmaster lapping machine, 1 hp, 1700 speed, s/n 1980511

HONING MACHINES

Custom built landing gear vertical honing machine, 55" x 64" roll-in table, hydraulic power packs, control system, super structure, Mitutoyo two axis digital read-out controller, Winters 3000 psi dial gauge, fluid warning system, honing shafts, benches, storage cabinets

Sunnen model MBC-1803-0 honing machine, s/n 1Y1-95505

Sunnen model 1804 honing machine, 3/60/230, s/n 411-88727

Sunnen honing machine, s/n D83-52

CLEANING & WASHING LINES

(12) Lines of cleaning rinsing dipping tanks assorted sizes consisting of: Cleaning, washing, aluminteh rinse, acid rinse overhead cranes & all related support equipment

12' x 12' landing gear cleaning booth c/w (3) doors, lights, filter system, spray type cleaning bench etc.

Large parts washing line consisting of: 40" wide roller top conveyor, turn tables, wash stations, dryer stations, developer stations, NDF inspection area and related support equipment

Line # 1 Large parts cleaning line consisting of: 60" wide roller top conveyor, aqueous degreasing, cold water rinse, alkaline rust remover, cold water rinse, hot water rinse, 150°-200°F & related pumps etc.

Line # 2 Large parts cleaning line consisting of: 60" wide roller top conveyor, alkaline rust remover, cold water rinse, hot water rinse, 180°-200°F temp & related support equipment

Line # 3 parts washing line consisting of: 36" roller top conveyor, alkaline rust remover, cold water rinse, acid stripping solution, cold water rinse, alkaline permanganate, cold water rinse, titanium solution, phosphoric acid, cold water rinse, hot water rinse, 150°-200°F temp and related support equipment

Line # 4 parts cleaning line consisting of: (6) dip type stainless steel tanks & related support equipment

Monsieur Stainless Steel model Flex-O-Lite parts cleaning station, c/w roll-in table

Monsieur Stainless Steel model No Vaculite parts cleaning station c/w roll-in table

Amtrex (6) compartment bearing cleaning system, filters, pumps

Marcus cleaning tank c/w exhaust cleaning station & wash tank

UNIVERSAL MEASURING SYSTEMS

2011 **Pratt & Whitney** model U306270 Labmaster universal measuring system s/n LMU02320 (Cost \$94,000)

Mitutoyo model Liner Height 600 digital read-out height gauge, s/n 010124

TESTING EQUIPMENT

Trimos model TELMN tester, s/n 597

HP model 54600B oscilloscope, 100 mhz, (2) Fluke model 8050A multimeters, calibrating fixture, LDS model P0 300 power oscillator mounted in rack

2005 **Schenck** model WM2 tester c/w computer, printer, controller, monitor, s/n AWC 8312

2005 **Schenck** tester c/w computer, controller, printer, monitor

Unitek model 2540 DP watt seconds tester, s/n 91092

DRILL PRESSES

Forada model MK 60/1500 radial arm drill press, 5' long arm, drilling block, 3/60/575, s/n 80071D

1999 **Kao Ming** model KMR-700DS radial arm drill press c/w (2) drilling blocks, s/n 70641

Ibarmia model B-32 gear head floor type drill press, 1.8 hp, 3/60/575, s/n 151-G

Ibarmia model 35-CA gear head floor type drill press, s/n n/a

Jet model 420F3P floor type drill press

1997 **Heltos** model VS 323 floor type drill press, s/n 8656

King model KSD-424 floor type drill press, s/n 5479

IMA model IG30-8 gear head drill press, s/n 13001

BANDSAWS

Doall horizontal metal cutting bandsaw, s/n n/a

Doall model C-9V horizontal metal cutting bandsaw, 3/60/550, s/n 296-72168

Doall model 3613-0 vertical metal cutting bandsaw, 3/60/550, 175" band length, Doall model DBW-15 blade welder, s/n 278-72382

Doall model C-916 horizontal bandsaw, s/n 455-86161

Doall model V-36 vertical bandsaw c/w welder, s/n 36442921

Ellis model 1800 horizontal metal cutting bandsaw, s/n 18997067

Doall model 2013-V vertical metal cutting bandsaw, s/n 500-992335

SHOP PRESSES

RK Machinery model 50T-E/H hydraulic powered shop press, 50 ton capacity, s/n 069925753T

Rogers Hydraulic model KDS25-2HPD hydraulic powered shop press, hand operated, s/n 72-2112

Enerpac 100 ton capacity hydraulic powered shop press c/w Enerpac electric power pack

Enerpac C-Frame hydraulic press c/w Simplex hand operated hydraulic pump

Dake hand operated shop press, 5000 psi capacity, s/n SK-3088

Enerpac 10,000 psi hydraulic powered shop press c/w Enerpac hydraulic power pack

Simplex hand operated shop press

PLATE ROLLS

Hudson 48" wide capacity initial paper pinch metal plate rolls p/w electric motor

METAL CUTTING SHEARS

Zephyr model ZP-450-EA-36 metal cutting circle shear, 120 volts, s/n 109

Pextro 24" wide capacity hand operated shear c/w Brown Boggs model 44 combination machine, anvil mounted on cart

Beverly model B2 hand shear

CORNER KNOTCHER

Sampson model CS-52 hand operated corner knotcher, s/n 37004

BOX & PAN BRAKE

Brown Boggs 48" wide capacity box & pan brake c/w spare fingers & blades

METAL FORMING PRESSES

Brown Boggs 42" forming press

Eckold model KF-3/4 forming press, 3/60/575, s/n 4724

TOOL GRINDERS

Cuttermaster model MG-30 carbide tool grinder, s/n 5242

Cincinnati model 2TCG carbide tool grinder, 3/60/550, s/n CK-7118-3

Victory carbide tool grinder

Weldman model WG-180 tool grinder, s/n 1764

VIBRATORY FINISHING MILLS

Sweco model EM-10-V/60 finishing mill, 39" opening

Almco model OR10 finishing mill, 42" opening, s/n 107906

(2) 30" opening finishing mill

WELDERS

Miller model Syncrowave 350 welder c/w Miller model Watermate 1 cooling system mounted on cart

Miller model Millermatic 250 electric powered welder

(7) **Miller** model Syncrowave 250 welder c/w cooling unit

(2) **Hobart** model Cybertig welder c/w Miller cooler mounted on cart

FILTER BOXES

2007 **Nederman** model 07070 filter box, 3/60/575, s/n 86900047

Plymovent arm c/w wall mounted exhaust vent & table c/w vice

Torit model VS-1200 fume extractor, 3/60/575, s/n IG433205

PARTS STORAGE CAROUSEL

Industriever model 12000T two station parts storage carousel

SURFACE PLATES

Rock of Ages 12" x 48" x 72" surface plate, s/n 5030-102

Rock of Ages 48" x 96" granite surface plate

BEARING ANALYZER INDICATOR

Bearing Inspection model BA-20-3E bearing analyzer indicator unit c/w model BA-20-3DC drive wheel control unit, 100 watts, 115/230 vac, 50-400 hz, s/n 030392

Custom built bearing tester unit c/w controls

PROFILE PROJECTOR

Mitutoyo model PH350 profile projector, s/n n/a

VACUUM SYSTEMS

Aerofil model 3800 C vacuum system on cart

2010 **Sipromac** model 550A vacuum system, 1/60/120 volts, mounted on castors, s/n 9994

2005 Aerofil model DC3800 vacuum system, s/n 359590

OVERHEAD CRANES

(55) Overhead cranes from 1 to 7.5 ton capacity various spans from 20' to 50' spans, single girder c/w hoists & buzz bar

Frontenac 1,000 lbs capacity overhead crane, 20' span 70' long ceiling hanging overhead track c/w electrical cable, Coffing 1,000 lbs capacity electric powered chain fall

Frontenac 3 ton capacity overhead crane c/w Demag 3 ton electric powered cable hoist, 45' span single girder, underslung hoist & ways

JIB CRANE

Gorbel 500 lbs capacity free standing jib crane c/w CM model Loadstar ¼ ton electric powered chainfall

MANLIFTS

Skyjack model SJKB-33N electric powered manlift, s/n 90810

2006 **JLG** model 2646ES electric powered scissor lift, 26' height, s/n 020015098

FORKLIFTS

(4) **Raymond** electric powered reach trucks

SUPPORT EQUIPMENT

OCE model 3600 strip film printer, s/n n/a

Rockwell model 5JR hardness tester, s/n 1054

Zeiss model Stereo Discovery 8 microscope, s/n 3911003515

24" x 36" long lapping stone c/w roll feeder & table

30" x 30" long lapping stone c/w roll feeder & table

Dake floor type arbour press

Westinghouse 2000 kva transformer, 3/60/220, 12,470 H.V., & 600Y/3464LV

Delta belt & disc sander

Sagrent-Welch model 1373 vacuum pump, s/n 1689

Reeves size 100-A-18 vari-speed motor

Samand double pedestal carbide grinder, s/n 70/377

Pico model 500 crimpmaster unit

Baldor $\frac{3}{4}$ hp grinder

Delta model 52-704 belt & disc sander, s/n 06A 119061

12' x 18' wide inspection & cleaning booth c/w lights, sprinkler system

Black Smith anvil

Master Mechanical expansion unit c/w (2) hand operated power packs

CFM 18' x 30' long free standing enclosed booth, double doors on each end

Hisey-Wolf 1 hp grinder

Baldor $\frac{3}{4}$ hp grinder

Samand double pedestal carbide grinder, s/n 70/377

Portable S/R unit mounted on cart c/w (3) Honeywell chart recorders

Diversi-Tech 60" x 72" down draft table

Troyke model R-25 rotary indexing table, s/n 4523-10

48" x 48" angle plate

Walter model RS630 HPDAA rotary indexing & positioner table, s/n 2637

Troyke model TIL-25-B rotary tilting table, s/n 4538-1

Heating oven c/w stand

Greenerd # 4 arbour press c/w adjustable table

Darex model MI drill bit sharpener

Acco model Sever-All 1A metal cutting chop saw, s/n 1A707

6" belt & disc sander

Baldor 1.5 hp bench grinder

Hydrotech water softening system c/w Lakewood model 1575E controller

Hoffman model 38407A centrifugal blower, p/w 125 hp electric motor, s/n 172111

Dynablast pressure washer

Steel inventory

Electrical Inventory

Plumbing Inventory

Big selection of measuring instruments

Transfer Pumps

2010 **Flowserve** model PGRP pump, 200 psi, material ve, size 1J3X1.59-6 p/w **Toshiba** 10 hp electric motor, 3/60/575, s/n 0410-7436B

2007 **Flowserve** model PGRP pump, 200 psi, material ve, size 1J3X1.59-6 p/w **Toshiba** 10 hp electric motor, 3/60/575, s/n 0607-2637 (not complete)

2010 **Flowserve** model PGRP transfer pump, size 1J3X1.5G-6, 200 psi p/w **Toshiba** 10 hp electric motor, 3/60/575, 1750 rpm, s/n 0410-7437A

Measuring Systems

Recitech model SPS-1000 measuring system c/w 6' high measuring stand, (2) probes, 1/60/115, 12 amp, turn table with chuck, granite surface plate, s/n 2010-009

Recitech measuring CMM machine c/w computer, turning table measuring tower, 48" x 72" granite surface plate, steel stand, s/n n/a

Floor Scrubber

Advance model 3800 ride on floor scrubber, electric powered

Rectifiers

North American model 6P-C rectifier, rating cont, 85° temp. rise, input 3/60/575, 7.5 lamps, output 12 VDC, 500 amps, ISC withstand 5000 amps, S.D # 11-0466-3, s/n 3094 (new never installed)

North American model 6P-C rectifier rating cont, 85° temp. rise, input 3/60/575, 7.5 lamps, output 12 VDC, 500 amps, ISC withstand 5000 amps, S.D # 11-0466-1, s/n 3092 (new never installed)

North American model 6P-C rectifier rating cont, 85°c temp. rise, input 3/60/575, 7.5 lamps, output 12 VDC, 500 amps, ISC withstand 5000 amps, S.D # 11-0466-2, s/n 3093 (new never installed)

North American model 12SF-F rectifier, rating cont, 85°c temp, input 3/60/575, 22 amps, output +/-12 VDC, 1500 amps, ISC withstand 5000 amps, S.D # 11-0469, s/n 3095

Hanson Vdylite model 5-RRDS-5C009-01 rectifier, AC input 3/60/575, 9.5 kva, 9.5 amps, DC output 9 volts, 500 amps, s/n 1538

Hanson Vdylite model 5-RRMS-75X009-02 rectifier, AC input, 3/60/575, 13 amps, 13 kva, DC output 9 volts, 750 amps, s/n 1527

Hanson Vdylite model 5-RRMS-75X009-02 rectifier, AC input, 3/60/575, 13 amps, 13 kva, DC output 9 volts, 750 amps, s/n 1526

Hanson Vdylite model 5-RRMS-15C009-01 rectifier, AC input 3/60/575, 26 amps, 26 kva, DC input 9 volts, 1500 amps, s/n 1520

Hanson Vdylite model 5-RRMS-5C009-01 rectifier, AC input 3/60/575, 9.5 amps, 9.5 kva, DC output 9 volts, 500 amps, s/n 1537

Hanson Vdylite model 5-RRMS-5C012-01 rectifier, AC input 3/60/575, 12 amps, 12 kva, DC output 12 volts, 500 amps, s/n 1539

Hanson Vdylite model 5-RRMS-5C009-02 rectifier, AC input 3/60/575, 9.5 amps, 9.5 kva, DC output 9 volts, 500 amps, s/n 1533

Hanson Vdylite type 5-RRMS-75X009-02 rectifier, AC input, 3/60/575, 13 amps, 13 kva, DC output 9 volts, 750 amps, s/n 1528

Hanson Vdylite type 5-RRMS-75X009-02 rectifier, AC input, 3/60/575, 13 amps, 13 kva, DC output 9 volts, 750 amps, s/n 1523

Hanson Vdylite model 5-RRMS-5C009-02 rectifier, AC input 3/60/575, 9.5 amps, 9.5 kva, DC output 9 volts, 500 amps, s/n 1532

Hanson Vdylite model 5-RRDS-5C009-01 rectifier, AC input 3/60/575, 9.5 amps, 9.5 kva, DC output 9 volts, 500 amps, s/n 1535

Hanson Vdylite model 5-RRMS-75X009-01 rectifier, AC input 3/60/575, 13 amps, 13 kva, DC output 9 volts, 750 amps, s/n 1524

Hanson Vdylite model 5-RRMS-75X009-02 rectifier, AC input 3/60/575, 13 amps, 13 kva, DC output 9 volts, 750 amps, s/n 1525

Hanson Vdylite model 5-RRDS-1M009-01 rectifier, AC input 3/60/575, 17 amps, 17 kva, DC output 9 volts, 1000 amps, s/n 1529

Hanson Vdylite model 5-RRMS-5C012-01 rectifier, AC input 3/60/575, 12 amps, 12 kva, DC output 12 volts, 500 amps, s/n 1540

Hanson Vdylite model 5-RRMS-5C009-02 rectifier, AC input 3/60/575, 9.5 amps, 9.5 kva, DC output 9 volts, 500 amps, s/n 1534

Hanson Vdylite model 5-RRDS-15C009-01 rectifier, AC input 3/60/575, 27 amps, 27 kva, DC output 9 volts, 1500 amps, s/n 1521

Hanson Vdylite model S9-1500MD rectifier, AC input 3/60/550, 21 amps, 19 kva, DC output 9 volts, 1500 amps, s/n 639

Royal model P12300-0TAF7 rectifier, AC input, 3/60/550, 58 amps, DC output 2-12 volts, 50-3000 amps, s/n 109184

Powertronic model K595R rectifier, AC input 3/60/575, 29.3 amps, DC output 2.5-12 volts, DC cycle, 1500 amps, s/n 40214

Royal model M6200 rectifier, AC input 3/60/550, 2 amps, DC output 6 volts, 200 amps, s/n 109185

Rapid Electric model S8009S DC power supply, AC input 3/60/575, 113 amps, DC output 9 volts, 5000 amps, 72 kw, duty cont, s/n 1271253

Hanson Vdylite model 5RDDS-1N024-03 rectifier, AC input 3/60/575, 31 amps, DC output 24 volts, 1000 amps, s/n 2051

Power Supply Units

RPE model 5-R0DS-7.5C060-02 DC power supply, AC input 3/60/575, 63 amps, DC output 60 volts, 750 amps, 45 kw, s/n 9299

RPE model 5-RDDS-5C012X4 DC power supply, AC input 3/60/575, 38 amps, DC output 4 x 12 volts, 4 x 500 amps, 24 kw, s/n 9478

Chiller

Berg model AS-15-RP chiller, 3/60/575, 35.5 amps, 150 lbs, s/n A2330-0985

Landing Testing Units

Starline model SL-LDL-2000-3A hydraulic power unit to test CRJ nose gear, s/n 00103

Starline model SL-LDL-2200-3B hydraulic power unit for testing CRJ-65 landing gear, s/n 00106

Starline model SL-LDL-2100-3A hydraulic power unit for CRJ 65, s/n 00105

Starline model SL-LDL-2300-3A landing gear pressure testing unit, s/n 00107

Overhead Cranes

Richard-Wilcox 7.5 ton 50' span overhead crane c/w hoist

Custom built 1.5 ton, 50' span overhead crane c/w (3) hoists,

P&H 7.5 ton, 50' span overhead crane c/w (2) hoists

Cleveland 3 ton, 50' span overhead crane c/w (2) hoists

Cleveland 3 ton, 50' span overhead crane c/w (2) hoists

Cleveland 2 ton, 50' span overhead crane c/w (2) **Demag** hoists

P&H 2 ton, 50' span overhead crane c/w **P&H** hoist

P&H 2 ton, 50' span overhead crane c/w (2) **P&H** hoists

JMF 5 ton, 50' span overhead crane c/w (2) **Spacemaster** 10,000 lbs hoists

JMF 5 ton, 50' span overhead crane c/w (2) **Spacemaster** 10,000 lbs hoists

Whiting 4 ton, 50' span overhead crane c/w (2) **Demag** hoists

P&H 7.5 ton, 50' span overhead crane c/w (2) **Demag** hoists

P&H 7.5 ton, 50' span overhead crane c/w (2) **P&H** hoists

P&H 7.5 ton, 50' span overhead crane c/w (2) **P&H** hoists

Konecranes 2 ton, 24' span overhead crane c/w (2) **CXT 200** hoists

P&H 2 ton, 24' span overhead crane c/w (2) hoists

P&H 2 ton, 24' span overhead crane c/w (2) hoists

P&H 2 ton, 24' span overhead crane c/w (2) hoists

P&H 2 ton, 24' span overhead crane c/w hoist

P&H 2 ton, 24' span overhead crane c/w hoist

P&H 2 ton, 24' span overhead crane c/w hoist

P&H 2 ton, 24' span overhead crane c/w hoist

P&H 2 ton, 24' span overhead crane c/w hoist

Whiting 2 ton, 48' span overhead crane c/w (2) **P&H** hoists

P&H 2 ton, 50' span overhead crane c/w (2) hoists

P&H 1 ton, 50' span overhead crane c/w hoist

Konecranes 2 ton, 50' span overhead crane c/w (2) hoists

P&H 1 ton, 50' span overhead crane c/w hoist

Konecranes 2 ton, 50' span overhead crane c/w (2) hoists

P&H 1 ton, 50' span overhead crane c/w hoist

P&H 1 ton, 30' span overhead crane c/w hoist

Frontenac 1 ton, 30' span overhead crane c/w hoist

P&H 1 ton, 32' span overhead crane c/w hoist

P&H 1 ton, 50' span overhead crane c/w hoist

P&H 3 ton, 50' span overhead crane c/w hoist

P&H 2 ton, 50' span overhead crane c/w (2) hoists

P&H 1 ton, 25' span overhead crane c/w hoist

P&H 1 ton, 25' span overhead crane c/w hoist

Downdraft Table

Torit 44" x 72" down draft table c/w light, vise, magnifying glass & chain

Laboratory Equipment

Cambridge model Stereoscan 250 MK2 scan electron microscope c/w turbo vacuum, **PGT** model Prism digital spectrometer, control console, **Keithby** model 414A picoammeter, sun flex anti-glare filter, Apple computer, s/n n/a

Technics model Hummer V vent system, 1/60/110 c/w **Edward's** vacuum pump, s/n 21468

Zeiss microscope c/w **Dolan-Jenner** fiber lite

Olympus model PME3 microscope input 100/120v, output 12v-50w, c/w **Olympus** time mode winding unit, **Olympus** model TH3 unit, s/n 707004

Wilson model 4TT-BB hardness tester, s/n 1643

Baush & Lomb 0.7x-3x microscope

Buchler model Ecomet 3 variable speed grinder polisher

Precision model 7443 calibration factor machine, 1/60/115, 10 hp, s/n J6

Buchler model Electromet III power source, 1/60/115, s/n 331-EP-412

Mettler Toldedo model AX205 digital read-out scale

Mettler Toldedo model PG5002-S digital read-out scale

Reach Trucks

Taylor Dunn model B-2-48 electric powered shop truck, s/n 84826

Raymond model 113TM-FRC606 electric powered ride-on pallet jack, s/n 113-00-30162

Raymond model 812 electric powered reach truck, 3,000 lbs capacity, 204" lift, s/n 69-159

Raymond model EASI-R30TT electric powered reach truck, 3,000 lbs capacity, 204" lift, s/n ETB-98-06688

Raymond model EAS electric powered reach truck, 3,000 lbs capacity, 204" lift, s/n ET-B-97-05241

Ride-on Pallet Jacks

Raymond model 113TM-FRC50L electric powered stand-on pallet jack, s/n 113-00-30163

Raymond model 113TM-FRC60L electric powered ride-on pallet jack

Raymond model 113TM-FRC60L electric powered ride-on pallet jack, s/n 113-100-29559

Raymond model 113TM-FRC60L electric powered ride-on pallet jack, s/n 113-98-24098

Shop Trucks

Taylor Dunn model B-2-48 electric powered shop truck, s/n 84826

Motrec model E360EE electric powered four passenger shop truck, 36 volts, s/n 1007759

Motrec model E360EE electric powered shop truck, 36 volts, s/n 1008487

Motrec model E 360EE electric powered shop truck c/w **Miller** model Syncrowave 250 electric powered welder, **Miller** model Coolmate 4 water coolant system, o/a set, fire extinguisher, foot control, s/n 0906221

Vacuum Packaging Machine

Visual Packaging System model CT3636 vacuum packaging machine, Econo Series, Skin Pack, 36" x 36" table 3/60/208 volts, 80 amps, s/n 48230698R

Pallet Racking

(100) Sections

Parts Storage Shelving

(14) Sections of grey quick snap parts shelving consisting of: double sided 100" high uprights & (196) 18" x 36" shelves

(14) Sections of grey quick snap parts shelving consisting of: double sided 100" high uprights & (196) 18" x 36" shelves

(14) Sections of grey quick snap parts shelving consisting of: double sided 100" high uprights & (196) 18" x 36" shelves

(14) Sections of grey quick snap parts shelving consisting of: double sided 100" high uprights & (196) 18" x 36" shelves

(14) Sections of grey quick snap parts shelving consisting of: double sided 100" high uprights & (196) 18" x 36" shelves

(12) Sections of grey quick snap parts shelving consisting of: double sided 100" high uprights & (196) 18" x 36" shelves

(12) Sections of grey quick snap parts shelving consisting of: double sided 100" high uprights & (196) 18" x 36" shelves

(12) Sections of grey quick snap parts shelving consisting of: double sided 100" high uprights & (196) 18" x 36" shelves

(12) Sections of grey quick snap parts shelving consisting of: double sided 100" high uprights & (196) 18" x 36" shelves

(8) Sections of grey quick snap parts shelving consisting of: double sided 100" high uprights & (196) 18" x 36" shelves

(5) Sections of grey quick snap parts shelving consisting of: double sided 100" high uprights & (196) 18" x 36" shelves

(6) Sections of grey quick snap parts shelving consisting of: double sided 100" high uprights & (196) 18" x 36" shelves

Steel Stacking Bins

(250) Assorted Sizes

