

Cutting Edge Supply - Parial Equipment List & Capacities

5/19/2015

| Equipment | Capacity & Notes | Type | Info |
|---|---|-------|---------------------|
| HYDRAULIC PRESSES - FORMING | | | |
| Acuress 2000 ton brake press | 2000 ton, cnc +/-0.030, 23-1/4" stroke x 24' (244" usable length), adjustable bottom opening | Press | Brake Press |
| Titian back gauge | 5,000 lb cap, cnc (no tape layout) | Press | Material handling |
| Acurpress 600 ton | CNC, +/-0.030, 18" stroke, 14' (11' usable length) | Press | Brake Press |
| Gannon J300-12 4x4HDX | 300 ton, 12' (10.5' usable) | Press | Brake press, manual |
| HYDRAULIC PRESSES - PUNCH | | | |
| Piranha P120 Ironworker | 60,000 psi, punch 1-12" thru 1", shear 1" x 12" flat, 3/4" x 18" flat, 1/2"x20" flat, 6"x6"x5/8 angle, 2" round, 1-3/16" sq., notch 95 tons | Press | Multi- Tool |
| Piranha Punch Press | 120 ton (punch only) | Press | Punch press |
| Constellation (Farquhar) Punch Press | 115 ton, 34" x 42" table top, | Press | Punch press |
| HYDRAULIC PRESSES - PUSH/STRAIGHTENING | | | |
| Hydraulic Press | Bushing Installation & Removal, 150ton | Press | Push press |
| Hydraulic SP Assym. Press | Push Press 60 Ton, 20" stroke, 43" wide clearance | Press | Push press |
| Straightening Press 150ton TC | 150 ton, 20" stroke, blade straightening after TC | Press | Push press |
| Williams-White Push Press | 100 ton, 20" stroke, straightening parts | Press | Push press |
| H-Press, Push Press | 90 ton, 24" stroke, straightening parts | Press | Push press |
| CUTTING EQUIPMENT | | | |

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|---|--|---------|------------|
| Farley Plasma Table | 14'x70' water bad, +/-0.060 accuracy , +/-0.030 repeatability | Cutting | Plasma |
| Linde cm250 | CNC Flame Cutting 8x24 cutting | Cutting | Flame |
| Track torch drives (Bugos) 7 total | Flame cutting, bevel cutting | Cutting | Flame |
| Circle Cut torch fixture (3 total) | Straight & taper hole flame cutting | Cutting | Flame |
| Abrasion Disc Saw | 16" throat, 32" x 10' table, bar & tube cutting | Cutting | Saw |
| HEM Inc. BandSaw | 1200 amp, Horizontal Continuous BandSaw | Cutting | Saw |
| Portable 20" Chop Saw | On site Structural cutting | Cutting | Saw |
| Milwaukee 5" Bandsaw | Portable cutting | Cutting | Saw |
| Plasma cutter Max200 Hypertherm (2 total) | 200amp, Non-Ferrous Cutting, portable | Cutting | Plasma |
| Miller Spectrum 3080 | Portable Plasma Cutter (80PSI, 70-100amp) | Cutting | Plasma |
| Waldrich Colburg Vertical Cutter | Spline cutting & Broaching | Cutting | Saw |
| KN Aronson Torch Table | 6' x 28' table | Cutting | Plasma |
| MILLS | | | |
| Giddings & Lewis No.50 Hi-power Precision Horizontal B | 10'x12' table, Large & Odd shaped part machining | Mill | Horizontal |
| Carlton Cincinnati Vertical Mill / Drill | 20" stroke, 48"swing, 36X52" table, Multi-attachment, #6 Morse taper | Mill | Vertical |
| Bridgeport 6-X005 Vertical Mill | 10" x 40" table Multi tool, 986 RPM | Mill | Vertical |
| BFM00 Line Bore Mill | 5'x5' table extends to 12' from post, open ended clearance | Mill | Line Bore |
| Bench Grinder (2 total) | 1,800 RPM | Grinder | |
| Hudson Universal Boring Machine | Manual Line Boring Mill, 8' clearance | Mill | Line Bore |
| LATHES | | | |

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|---|---|-------|------------|
| Le Blond Horizontal lathe | 20" diameter, 48" length, manual | Lathe | Horizontal |
| Le Blond Lathe | 24" Lathe 16" x 14' Turning, boring | Lathe | Horizontal |
| Boyer @ Emmes 25 x 96 Lathe | Turning, boring | Lathe | Horizontal |
| Boyer @ Emmes 20 x 96 Lathe | Turning, boring | Lathe | Horizontal |
| Bullard Custmaster 74" Vertical Turret Lathe | Large part boring & machining | Lathe | Vertical |
| Bullard Custmaster 34" Vertical Turret Lathe | Small part machining | Lathe | Vertical |
| Bridgeford Lathe | Long part build up | Lathe | Portable |
| B&D Portable Boring Machine | 2"-10" ID, On-Site Machine boring | Lathe | Portable |
| CNC Lathe, CC | 16" turning diameter, 60.2" length | Lathe | Horizontal |
| CNC Lathe 3rd Axis, CC | 25.5 turning diameter, 120" length 3rd axis | Lathe | 3axis |
| Manual Lathe, CC | 42" diameter by 120" length | Lathe | Horizontal |
| Oil Tool Lathe, CC | 20" headstock thru-hole | Lathe | Horizontal |
| DRILLING | | | |
| Drill Press | 15" column, #5 Morse taper | Drill | |
| Milwaukee 3/4 hp Magnetic Drill | Portable Drilling & Tapping | Drill | Magnetic |
| Baker Drill Press (5 total) | Up to #5 Morse taper, 20" Stroke | Drill | |
| Radial Drill, CC | Up to #5 Morse taper, 24" Stroke | Drill | |
| WELDING | | | |

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| Automatic Welders (4 total) 15' long tables | 650 amp power, used Tungsten Carbide impregnation | Weld | Automatic |
| 450 amp Miller 452 Welders (8 total) | (2) Stick, all others MIG wire fed w/ feeders | Weld | Power |
| 650 amp Miller 652 Welder (22 total) | Stick & MIG wire fed/gouging (13 are with booms) w/feeders | Weld | Power |
| 1000 amp Lincoln DC1000 Welder (3 total) | Stick & MIG wire fed/gouging | Weld | Power |
| Miller Big Blue 500 Amp Air Pac (2 total) | Off site service, portable | Weld | Portable |
| 300 amp Miller XMT304 | Portable Welder, 300AMP, MIG wire fed | Weld | Portable |
| Stud Welder / Gun - 1800amp | 300- 1800amp, Consistent ARC weld | Weld | Studs |
| Ransome weld Positioner / Turner 16P | 16,000 lb. capacity Manual out of position Welding | Weld | Table |
| Ransome weld Positioner / Turner 25P | 2,500 lb. capacity submerged arc welding & build up | Weld | Table |
| Ransome weld Positioner / Turner 100P | 10,000 lb. capacity Idler & large part Submerged arc welding/build up | Weld | Table |
| Woods Worker Multi-Directional Positioner | Up to 1425 RPM, moves parts in 4-axis | Weld | Table |
| QC & INSPECTION | | | |
| Clark Rockwell Testing Punch/Gun | Up 10" opening , Rockwell B & C, calibrated regularly | QC | |
| Small Rockwell Tester (total) | Handheld , Rockwell C | QC | |
| Precision Height Gauge | 24" tall height gauge | QC | |
| Granite Inspection Table | Precision (flat) table | QC | |
| Olympus 26MG Thickness Tester | Sonic Ultra Sound Thickness tester, 0.020" - 19.999" | QC | |
| Mitutoyo Precision Protractor | Calibrated regularly | QC | |

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| Mitutoyo Precision Calipers | 12" Analog, calibrated regularly | QC | |
| MATERIAL HANDLING | | | |
| 2000 Lb E-Z Lift Crane | 1 ton, Off site service, portable | Crane | Portable |
| Fixture table | Drill Mast , Long part repair/rebuilds, 94' 8" x 11' 5" | Table | |
| Cranes | (1) 10 ton, (1) 3 ton, (1) 2 ton, (10) 1 ton, (2) 1/2 ton | Crane | |
| Multiple Fork Lifts with Varying Capacities | (1) 70,000 lb. (1) 33,000 lb. (1) 28,000 lb. (1) 21,000 lb. (2) 15,000 lb. (1) 12,000 lb. (1) 11,000 lb. (1) 10,000 lb. (4) 8,000 lb. (3) 6,000 lb. (12) 5,000 lb. and (4) 4,000 lb. capacity forklifts. | Fork | |
| CHROMING & HYDRAULIC PROCESSING | | | |
| Precision Grinding Machines | OD 156", ID 2" to 12", Centerless Grinding 3"OD x 18" | hyd | Processing |
| Cylinder Hone | 20" x 300" capability | hyd | Processing |
| Automatic Welder OD/ID | OD weld 33" diameter x 144", ID weld 1" to 24" diam.. | hyd | Processing |
| Cylinder Dismantle Machine | 50,000 ft/lbs rod nut torque | hyd | Processing |
| Hard Chrome Elector Plating Tank | 72" width by 288" long | hyd | Processing |
| Hard Chrome Stripping Tank | 72" width by 180" long | hyd | Processing |
| Hydraulic Pressure Tester | Up to 3,500 PSI test | hyd | QC |
| Hydraulic Cyl. testing Eqpt. | Ultrasound, Magnaflux and Dye flaw detection | hyd | QC |
| Hydraulic Cyl and Pin Testing Eqpt. | Rockwell Hardness Punch & Chrome Thickness tester | hyd | QC |
| Stress Relief Oven | Up to 450 degrees 30"x47" or 23" x 72" | hyd | QC |