



## Shop Equipment List & Capacities

(800) 949-9014

Equipment	Capacity & Notes	Type	Info
<b>PRESSES &amp; FORMING</b>			
Accurpress 2100 Ton Rocker Press	2,100 tons, CNC, 134" usable length, 1/8" to 4- 1/2" thick steel	Forming	Press Brake
Accurpress 2000 Ton Press Brake	2,000 tons, CNC +/-0.030, 23-1/4" stroke x 24' (244" usable length), adjustable bottom opening	Forming	Press Brake
Titan Backgauge	5,000 lbs. cap, CNC (no tape layout)	Material Handling	Automated Forks
Haeusler VRM-HY 3050-228 Roller Press	CNC, 2-1/2" max thick, 122" max width	Forming	Roller Press
Accurpress 600 Ton Press Brake	CNC, +/-0.030, 18" stroke, 14' (11' usable length)	Forming	Press Brake
Gannon J300-12 4x4HDX	300 tons, 12' (10.5' usable)	Forming	Manual Press Brake
<b>CUTTING EQUIPMENT</b>			
Kinetic K5000xmc Cutting & Machining Bridge	CNC, holds up to 24 tool stations, auto tool change out, 14' x 50' bed. Cut, Mill, Drill all same table	Cutting & Light Machining	Up to 3" thick
Kinetic Plasma K2500 Bridge & Large Length Table	CNC Multi-torch, 14' x 70' water bed	Cutting	Plasma
Messer Titan III Cutting System	CNC Flame Cutting table 8' x 24' table	Cutting	Up to 8" thick
Track Torch Drives (Bugos) 7 total	Flame cutting, bevel cutting	Manual Cutting	Oxy Flame
Circle Cut Torch	Straight & taper hole flame cutting	Manual Cutting	Oxy Flame
HEM Inc. Band Saw	1200 amp, Horizontal Continuous Saw	Cutting	Saw
Portable 20" Chop Saw	On site structural steel cutting	Cutting	Saw
Milwaukee 5" Band Saw	Portable cutting	Cutting	Saw
Plasma Cutter Max200 Hypertherm (2 total)	Portable Non-Ferrous cutting 200 amp	Cutting	Plasma
Miller Spectrum 3080	Portable Plasma cutter 80PSI, 70-100 amp	Cutting	Plasma
Waldrich Colburg Vertical Cutter	Spline cutting & Broaching	Cutting	Saw
KN Aronson Torch Table	6' x 28' table	Cutting	Plasma
<b>MILLS &amp; LATHES</b>			
Hurco VMX84i CNC Machining Center	84" x-axis, 34" y-axis, 30" z-axis	CNC Mill	Three-axis
Hurco VMX50ti CNC Machining Center (2 total)	Both 50" x-axis, 26" y-axis, 24" z-axis	CNC Mill	Three-axis
Haas Vertical CNC Machining Center	84" x-axis, 40" y-axis, 30" z-axis	CNC Mill	Three-axis
CNC Lathe Chrome Craft	16" turning diameter, 60.2" length	Lathe	Horizontal
CNC Lathe Chrome Craft 3-Axis	25.5" turning diameter, 120" length	Lathe	Three-axis

Le Blond Horizontal Lathe	20" diameter, 48" length, manual	Lathe	Horizontal
Le Blond Lathe 24" Lathe	24" Lathe 16" x 168" Turning, boring machine	Lathe	Horizontal
Boyer @ Emmes Lathe 25	25" x 96" Lathe Turning, boring machine	Lathe	Horizontal
Boyer @ Emmes Lathe 20	20" x 96" Lathe Turning, boring machine	Lathe	Horizontal
Bullard Cutsmaster 74	74" Vertical Turret Lathe, Large part boring & machining	Lathe	Vertical
Bullard Cutsmaster 34	34" Vertical Turret Lathe, Small part machining	Lathe	Vertical
B&D Portable Boring Machine	2"-10" I.D. On-Site line boring	Lathe	Portable
Manual Lathe Chrome Craft 42	42" diameter by 120" length	Lathe	Horizontal, Manual
Giddings & Lewis No. 50II Horizontal	Hi-power Horizontal 120" x 144" table, Large & Odd shaped part machining	Mill	Horizontal
Carlton Cincinnati Vertical Mill / Drill	20" stroke, 48"swing, 36" X 52" 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	60" x 60" table extends to 144" from post, open-ended clearance	Machining	Line Bore
Bench Grinder (2 total)	1,800 RPM	Grinder	
Hudson Universal Boring Machine	Manual Line Boring Mill, 8' clearance	Machining	Line Bore
<b>DRILLING</b>			
Drill Press	15" column, #5 Morse Taper Drill	Drill	Manual
Milwaukee 3/4 hp Magnetic Drill	Portable Drilling & Tapping	Drill	Magnetic
Baker Drill Press (5 total)	Up to #5 Morse taper, 20" Stroke	Drill	Manual
Radial Drill Chrome Craft	Up to #5 Morse taper, 24" Stroke Drill	Drill	Manual
<b>WELDING / TUNGSTEN CARBIDE</b>			
TC Automatic Welders (4 total)	180" long tables 650 amp power, Tungsten Carbide impregnation	Weld TC	Automatic
450 Amp Miller 452 Welders (8 total)	Two on 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)	Offsite service, portable	Weld	Portable
Miller XMT304 Portable Welder	300 amp, MIG wire fed	Weld	Portable
Stud Welder / Gun - 1800 Amp	300-1800 amp, Consistent ARC weld	Weld	Stud Welding
Ransome Weld Positioner / Turner 16P	16,000 lb. capacity manual	Weld	Table
Ransome Weld Positioner / Turner 25P	25,000 lb. capacity submerged arc welding & build-up Weld Table	Weld	Table

Ransome Weld Positioner / Turner #100	10,000 lb. capacity Idler & large part Submerged arc welding/build-up	Weld	Table
Woods Worker Multi-Directional Positioner	Up to 1,425 RPM, moves parts in 4-axis	Weld	Table
<b>DRAFTING, QC &amp; INSPECTION</b>			
Fully Staffed Engineering & Drafting Department	Design, Reverse Engineering , Part Duplication, Design / QC	Design / QC	
Advanced Software & Design Tools	AutoCAD, ProNest, Fusion360 & over 65,000 drawings on file	Design	
Two Part & Template Digitizer Tables	Trace parts or templates that export right into design software	Design	
Clark Rockwell Testing Punch/Gun Hardness Tester	Up to 10" opening, Rockwell B & C	Design / QC	
Small Rockwell Tester (4 total)	Handheld Hardness tester, Rockwell C	Design / 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"	Design / QC	
Mitutoyo Precision Protractor	Calibrated regularly	QC	
Mitutoyo Precision Calipers	12" Analog, calibrated regularly QC	QC	
<b>MATERIAL HANDLING</b>			
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	Shop Cranes	
Multiple Forklifts with Varying Capacities	Qty/Capacity - (1) 70,000 lb. (1) 68,000 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. Material Handling Forklifts 4,000 lb. Material Handling Forklifts	Material Handling	Forklifts
<b>HARD CHROME PLATTING &amp; HYDRAULIC PROCESSING</b>			
Hard Chrome Electroplating Tanks	Chrome (not decorative) 72" width x 288" long	Plating	Hard Chrome
Hard Chrome Stripping R	Remove chrome for reprocessing part 72" x 180" max	Plating	Parts Prep
Parts Cleaning Station & Tools	Preps chrome parts for reprocessing / re-manufacturing parts	Plating	Parts Prep
Precision Grinding Machines	O.D. 156", I.D. 2" to 12", Centerless Grinding 3"O.D. x 18" Machining	Machining	
Cylinder Hone	20" x 300" capability	Hydraulic Repair	Machining
Automatic O.D./I.D. Welder	O.D. weld 33" diameter x 144", I.D. weld 1" to 24" diameter	Hydraulic Repair	Welding
Cylinder Dismantle Machine	50,000 ft./lbs. rod nut torque	Hydraulic Repair	

Hydraulic Pressure Tester	Up to 3,500 PSI test	Hydraulic Repair	QC & Test
Hydraulic Cylinder Testing Equipment	Ultrasound, Magnaflux and Dye flaw detection	Hydraulic Repair	QC & Test
Hydraulic Cylinder & Pin Testing Equipment	Rockwell Hardness Punch & Chrome Thickness tester	Hydraulic Repair	QC & Test
Stress Relief Oven	Up to 450 degrees 30" x 47" or 23" x 72"	Parts Prep	
<b>HYDRAULIC PUNCH &amp; SHEAR</b>			
Piranha P120 Ironworker	60,000 psi, punch up to 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" square, corner notch, 95 tons	Punch Press	Multi-tool
Constellation (Farquhar) Punch Press	115 tons, 34" x 42" table top Punch Press	Punch Press	
<b>HYDRAULIC PRESS - PUSH &amp; STRAIGHTENING</b>			
Hydraulic Press	Bushing Installation & Removal, 150 ton	Push Press	
Hydraulic SP Assembly	Press Push Press 60 Ton, 20" stroke, 43" wide clearance	Push Press	
Straightening Press	150 tons, 20" stroke, blade straightening after TC Press	Push Press	
Williams-White Push Press	100 tons, 20" stroke, straightening parts	Push Press	
H-Press, Push Press	90 tons, 24" stroke, straightening parts	Push Press	