



EQUIPMENT LIST

Fabrication

Laser Cutting	(1) Cincinnati 78 x 156 bed size, 7/8" carbon 3/4" stainless 3500 watt
Laser Cutting	(1) Cincinnati 60 x 120 bed size, 1/2" carbon 3/8" stainless 2000 watt
Shearing	(1) Cincinnati 12ft.-1/4" capacity
Punching	(1) W.A. Whitney 30 ton, 30" throat
Punching	(1) Peddinghouse 50 ton, ironworker
Notching	(1) Amada 1/4" capacity, 8 x 8
Sawing	(1) Marvel Moveable head vertical band saw 18" x 20" capacity
Sawing	(1) Tannewitz Vertical band saw, 36" throat
Sawing	(1) DoAll Vertical band saw, 20" throat
Sawing	(1) Kasto Cold saw- auto feed, 4 1/2" dia. Capacity
Rolling	(1) Lown Initial pinch type, 48", 11 gau. Capacity
Rolling	(1) Lown Initial pinch type, 96", 11 gau. Capacity
Plate Roller	(1) Roundo Pyramid PS255 Series, 144", 3/8" Capacity
Plate Roller	(1) Roundo PS-150 Series 72" x 3/16" Capacity
Rolling	(1) Roundo Angle / Bar / Pipe / Tube roll 5" x 5" angle
Forming	(2) Cincinnati Press brake (hydraulic) 230 ton x 168" w/cnc
Forming	(1) Cincinnati Press brake (hydraulic) 350 ton x 168" w/cnc
Forming	(1) Cincinnati Press brake (hydraulic) 175 ton x 144" w/cnc
Forming	(1) Cincinnati Press brake (hydraulic) 135 ton x 120" w/cnc
Forming	(1) Cincinnati Press brake (hydraulic) 500 ton x 192" w/cnc
Flanging	(1) Blue Valley 3/8 capacity flanger
Pemsetter	(1) Pemsetter Series 4 6 ton capacity

Machining

Vertical Milling	(1) Haas VF-7, 20 hp X=84, y=32, z=30
Vertical Milling	(1) Haas VF-6, 20 hp X=64, y=32, z=30
Vertical Milling	(1) Haas VF-4, 20 hp X=50, y=20, z=20
Vertical Milling	(1) Fryer MB-16 CNC 60" x 25" x 24" Travel 18" x 73" Table 1950lb Table Load
Vertical Milling	(2) Bridgeport EZ Trac 2-Axis Vertical CNC Mills

Vertical Turning	(1) Toshiba TUE-15 CNC Vertical Boring & Turning Mill 59"x27.2" c27.6"x15.7" Travel 30.4"x39.4" Table
Horizontal Milling	(1) Toshiba BTD-200QF Horizontal Boring Mill CNC X=59, Y=27.2, Z=27.6, W=15.7 40" x 40" Rotary Table 6,600lb Capacity
Horizontal Milling	(1) Toshiba BP-130.R22 Horizontal Boring Mill CNC X=160, Y=100, Z=60, W=28 71" x 87" Rotary Table 44,000lb Capacity
Drilling	(1) Carlton Radial Arm Drill
Drilling	(4) Clausing Vertical drill press W/ 3/4" chuck
Turning	(1) Harrison Engine lathe (gap bed) 24" swing, 72" bed w/digital readout
Turning	(1) Colchester Engine lathe (gap bed) 32" swing, 96" bed w/digital readout
Turning	Colchester Combi K4 Series Lathe Two-axis combination lathe designed for manual, electronic & full CNC operation. 22" swing over bed 14.5" swing over cross slide 85" long; spindle bore 4"
Inspection	
Coordinate Measuring Machine	(1) Sheffield Cordax RS-170DCC CMM X=60, Y=69, Z=48 Work Table Area 62" x 70"
Welding	
Longitudinal Seam Welding	(1) Jetline Capacity-3/8" thick. Stainless Steel 150"
TIG Welders	(1) CK Worldwide Cold Wire WF-3
TIG Welders	(35) Miller 250 amp ac/dc Syncrowave
TIG Welders	(5) Miller 300 amp ac/dc Syncrowave
TIG Welders	(6) Miller 350 amp ac/dc Syncrowave
TIG Welders	(2) Miller 500 amp ac/dc Syncrowave
MIG Welders	(25) Miller 350 amp pulse
MIG Welders	(2) Miller 450 amp
Orbital Welder	(1) Arc Machines Model 207A 1/4" Tube with low profile weld head
Stud Welder	(1) Erico Jones PW1000 Capacitor discharge
Spot Welder	(1) Peer 50KVA
Plasma Cutting	(2) Thermal Dynamics 1 1/2" capacity
Flame Cutting	(2) Smith Hand held torch assy.
Positioner	(10) Atlas; MBC & MK 200 lb. capacity (1) Koike 500 lb. capacity (2) Panjiris 1500 lb. capacity

	(1) Aronson 2500 lb. capacity (1) Sciaky 2500 lb capacity (1) Aronson 5000 lb. capacity (1) Ransome 10000 lb. capacity
Turning Rolls	(2) sets Panjiris 8,000 LB 12' diameter capacity
Turning Rolls	(1) set Panjiris 15,000 LB 12' diameter capacity
Turning Rolls	(1) set Panjiris 30,000 LB 15' diameter capacity
Metal Finishing	
Straight Liner	(1) Pal Industries 96" table, 6" wide belt (1) Pal Industries 120" table, 6" wide belt (1) Pal Industries 144" table, 6" wide belt
Buffing Lathe	Arrow 10hp, 2:spindle
Glass Bead Blast	(1) Empire Abrasive 36"x48" booth
Glass Bead Blast	(1) Enviro Systems 14'W x 20'L x 20'H booth
Tumbler	(2) Time Saver 20" x 16" opening
Deburring	(1) Edge deburring - 7 ga. cap.
Air Compressors	(2) Quincy 50hp screw-type w/dryer
Material Handling	
Overhead Cranes	(2) 2 ton (3) 3 ton (3) 5 ton (4) 10 ton
Forklifts	(6) 8000 lb. capacity
CAD Systems	
	AutoCAD Mechanical Desktop
	Autodesk Inventor
	Pro/ENGINEER
	Solidworks
Delivery Vehicles	
	(2) Dock high truck, 24' long, covered/van
	(2) Pickup, 1 ton
	(1) Dock high flatbed 26' bed; 13,000# capacity