

Machine Type	Machine Description	Max Capacity
<b>Punching</b>		
CNC Shearing/Punching Cells:	Salvagnini CNC Shear/Punch (2)	30 tons, 10 ga. Steel, 14 ga. Stainless Steel, .200" Aluminum, 60" x 120" Sheet
CNC Turret Presses:	Amada CNC Turret Punch Press (2)	33 tons, .125" Material, 60" x 98" Sheet
<b>Laser Cutting</b>		
CNC Laser Cutters:	Salvagnini CNC Fiber Laser System (1)	.5" Steel, .375" Stainless Steel, .25" Aluminum, 60" x 120" Sheet
	Prima 2D/3D Laser Cutting/Welding System (1)	".75"" Steel, .5"" Stainless Steel, .375"" Aluminum, 60"" x 120"" Sheet (2D) 60"" x 120"" x 15.75"" (3D Work Envelope)"
<b>Forming</b>		
CNC Forming Cells:	Salvagnini CNC Panel Bender (4)	14 ga. Steel, 18 ga. Stainless Steel, .100" Aluminum, 72.8" Bend Length, 59.1" Blank Width, 84.6" Blank Diagonal, 6.5" Bend Height
Press Brakes:	Amada Hydraulic--6-Axis Gauging System (1)	10' x 110 tons; automatic tool changer
	Trumpf CNC Hydraulic--6-Axis (1)	10' x 144 tons
	Trumpf CNC Electric--6-Axis (1)	40" x 40 tons
	Amada--6-Axis Gauging System (1)	10' x 138 tons
	Mitsubishi/Toyokoki Electric--4-Axis (2)	8' x 80 tons
	Amada Hydraulic--3-Axis (4)	6' x 88 tons
	Amada Hydraulic--2-Axis (1)	10' x 187 tons
	Guifil Hydraulic--2-Axis (1)	2' x 16 tons
	Diacro Hydra-Mechanical--1-Axis (2)	4' x 15 tons
CNC Folder:	Schechtl Spectrafold CNC Folder (1)	80" x 14 ga. Steel
<b>Laser Welding</b>		
Laser Welder:	Prima 2D/3D Laser Cutting/Welding System (1)	43" x 86" x 15" (3D Work Envelope)
<b>Welding</b>		
Robotic Welder:	Genesis Versa 4M Robotic Welding System (1)	225 amp., 118" (X) 36" (Y) 10.5" (Z)
MIG Welders:	Miller MIG Welder (3)	300 amp.
	Hobart MIG Welder (1)	300 amp.
TIG Welder:	Miller Syncrowave TIG Welder (2)	300 amp.
Spot Welders:	Future Industrial Machines Multi-head Straight Line Spot Welder (1)	13 heads (cascade), 100 KVA
	Amada Spot Welder (1)	80 KVA, 32" Throat
	Lors Handheld Spot Welder (1)	18 KVA

Grinding & Finishing		
Deburring/Surface Finishing Equipment:	Timesavers Deburring Machine (1)	36" Wide
	Timesavers Edge Rounding Machine (1)	50" Wide
	Bütfering Steelmaster Deburring Machine (1)	36" Wide
Corner Grinder:	Kuhlmeyer Dual-Head Corner Grinder (1)	59" (X) 25.6" (Z)
Polish Lathe:	G&P Machinery Polishing Lathe (1)	
Bead Blaster:	Trinco Model 36 Beat Blasting Machine (1)	
Surface Grinder:	Max-O Hydraulic Surface Grinder (1)	6" x 18"
Vibratory Finishers:	Torex Vibratory Finishing Machine (1)	
	Burr King (1)	2 Cubic Feet
Belt Sanders:	Rockwell Belt Sander (3)	6"
Graining Machine:	G&P Machinery Stroke Sander (1)	60"
Machining		
CNC Mill:	Hurco CNC 3-Axis Vertical Mill (Flowdrill adaptor) (1)	10 HP, 22"(X) 14"(Y) 14"(Z)
Lathe:	American Machine Tool Company Lathe (1)	15"x 50"
Drill Presses:	Rockwell Drill Press (1)	#2 Morse Taper
	Leland-Gifford 4 Spindle (with 1 reversible tapping spindle) (1)	
Miscellaneous		
Punch Press:	Komatsu Punch Press (1)	150 tons
Shear:	Amada Squaring Shear with Return Feed Conveyor/Stacker (1)	10' x .25" Material
Hydraulic Presses:	Haeger Press with Automatic Feeding System (3)	6 tons
Riveters:	Chicago Auto-Riveters (4)	
	Avdel Riveter (2)	
Saws:	Amada Automatic Horizontal (1)	
	Grob Vertical Band Saw (1)	
	Bewo Cold Saw (1)	
Notcher:	Amada Hydraulic Corner Notcher (1)	
Tube Bender:	Di-Acro Tube Bender (1)	1 1/4" x 16 ga. Wall Tube
Rolls:	Reed Metal Roll (1)	76" x 16 ga. Steel
	Niagara Metal Roll (1)	36" x 14 ga. Steel
Inspection Systems:	Faro Coordinate Measuring Machine (1)	4' Reach, 360 degree rotation, 48" x 48" Table
	Fabrivision Inspection System (1)	
Storage & Retrieval System:	Salvagnini Automatic Retrieval and Auto Store System (1)	150 shelves
Estes Express Prototyping		
CNC Laser Cutter:	Salvagnini CNC Laser System (1)	.5" Steel, .375" Stainless Steel, .25" Aluminum, 60" x 120" Sheet
Press Brake:	Trumpf CNC Hydraulic--5-Axis Gauging System (1)	10' x 135 tons
Welder:	Miller Dynasty TIG Welder (1)	300 amp.



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