



## MANUFACTURING EQUIPMENT LIST

MACHINE TYPE	MODEL	MACHINE TRAVEL	FEATURES
<b>MILLING</b>			
CNC Horizontal Boring Mill	JOHNFORD BMC-130	118" x 90.5" x 63"	1000 psi Coolant System, Rotary Table .001 Degree Scale Feedback, 60 Tools
CNC BRIDGEMILL	JOHNFORD DMC-1600	63" x 51" x 32"	1000 psi Coolant System
CNC VERTICAL	JOHNFORD SV-32	31.5" x 20" x 20"	1000 psi Coolant System, 4th axis full contouring rotary table
CNC VERTICAL	JOHNFORD SV-32	31.5" x 20" x 20"	4th axis full contouring rotary table
CNC HORIZONTAL	MAZAK ULTRA-650	40" X 31" x 31"	Dual Pallets, Thru Spindle Coolant
CNC VERTICAL	MAZAK VTC-20	65" x 20" x 20"	4th axis full contouring rotary table
CNC VERTICAL	HAAS MINI MILL 2	20" x 16" x 14"	
CNC VERTICAL	HAAS MINI MILL 2	20" x 16" x 14"	
CNC VERTICAL	HAAS MINI MILL	26" x 12" x 10"	
HORIZONTAL BORING MILL	WOTAN	276" x 60" x 24"	66"x48" Rotary Table, 36"x36" Rotary Table
VERTICAL	LAGUN MILL	32" x 16"	3 axis Acu-Rite control
VERTICAL	LAGUN MILL	32" x 16"	3 axis Acu-Rite control
VERTICAL	CLAUSING MILL	32" x 16"	3 axis Acu-Rite control
BRIDGEPORT (2)	VARIOUS MODELS	26" x 12"	3 axis digital readout
<b>TURNING</b>			
CNC VERTICAL	YOUJI YV-1200+ATC+C	60" x 47"	Live Tooling, C Axis Contouring
CNC VERTICAL	YOUJI YV-600	34" x 24"	
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CNC HORIZONTAL	DAEWOO PUMA 230	11.42" x 21.65"	2.6" x 48" Barfeeder, Subspindle and Live Tooling
CNC HORIZONTAL	VICTOR 1800 DCL	18" x 40"	Precision Lathe
VERTICAL	BULLARD CUTMASTER	56"	66" Maximum Swing
HORIZONTAL	MORISEKI ENGINE LATHE	9" x 60"	Digital Readout
HORIZONTAL	M-T ENGINE LATHE	21" x 60"	Digital Readout
<b>ALTERNATIVE MACHINING</b>			
ABRASIVE WATERJET	OMAX 55100	55" x 100"	50,000 psi pump, tilt-a-jet
ABRASIVE WATERJET	OMAX 60120	60" X 120"	60,000 psi pump, tilt-a-jet
WIRE EDM	ACCUTEX	23.6" x 15.7" x 11.8"	



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<b>AUXILIARY EQUIPMENT</b>			
MIG / TIG Welding	Miller		
CNC CMM	ZEISS Accura	70" x 47" x 39"	Calypso Software
DRAFTING/MODELING	AUTODESK	2023	AutoCad LT 2D, Fusion 360 3D
CAD/CAM	BOBCAD	V31	4-Axis Simultaneous Toolpaths
HORIZONTAL LATHE	HARDINGE	-	Precision chucking
HORIZONTAL LATHE	HIGH SPEED	-	Turret
RADIAL DRILL PRESS	CASER	11" x 38"	
DRILL PRESS	-	-	3 Spindle Table Type
DRILL PRESS	-	-	Single Spindle Floor Type
SURFACE GRINDER	REID BROTHERS	6" x 18"	
TOOL/CUTTER GRINDER	MAKINO	-	
DRILL SHARPENER	OLIVER	-	
ENDMILL SHARPENER	CUTTERMASTER	-	
PRESS BRAKE	PACIFIC TRI-ARCO	6 ft - 35 Ton	
CNC ANGLE ROLL	ERCOLINA	2-1/2" Capacity	
IRON WORKER	SCOTCHMAN	40 Ton	
VERTICAL BANDSAW	SCOTCHMAN	20"	Hydraulic Feed
HORIZONTAL BANDSAW	DRAKE	12.5" x 17.75"	0-45 degree cutting angle
ABRASIVE PARTING SAW	-	10" Dia.	
<b>Capabilities</b>			
Type of Work	Size Limits	Special Notes	
Milling	0 < 10 ft	Contour Milling / Die Style programming / Hi Efficiency Milling	
Turning	.125" < 5 ft	Mill on lathe available to save set-up costs	
Waterjet	.030" < 10 ft	Up to 6"	
Wire EDM	0 < 23.6"	Can cut tapers/angles	
Welding	0 < 5000 lbs	MIG & TIG, Various materials	
Inspection	0 < 70"	CNC programming, can inspect outside parts	