EQUIPMENT LIST

Equipment Type	Qty	Manufacturer	Description		Machine Capacity		
MILL - TURN	1	MAZAK - 8 axis	Multiplex 6200-11 Y	24 tools	8-10"		16"
	1	MAZAK - 6 axis	MultiPlex 610N twin spindle with Gantry Robot		7.87"X		12"
LATHE - CNC	2	OKUMA	Genos L300M-e, multifunctional CNC lathe with sub-spindle		9.25"X		18.11"Z
	1	OKUMA	Genos L3000 M-e, multifunctional CNC lathe with sub-spindle		9.25"X		18.11"Z
	1	TSUGAMI - 5 axis	S205 CNC 5 axis Swiss Style Lathe, bar feeder		20mm max part		
	1	TSUGAMI- 6 axis	S0326-III CNC 6 axis Swiss Style Lathe, bar feeder		32mm max part		
	1	DAEWOO	PUMA 250S		9.05"X		26.7"Z
	1	HYUNDAI	HIT 18		10.63"X		19.68"Z
	1	MAZAK	QT10		12"X		15"Z
	1	MAZAK	Super QT 200M		14"X		20"Z
	1	NAKAMURA-TOME	Slant 1		12"X		12"Z
	1	Daewoo 3500	Puma 350		14.25"X		43.5"Z
LATHE - MANUAL	1	CLAUSING	Tool room		10"	x	48"
	1	COLCHESTER	Engine		15"	x	60"
	1	FEELER	Turret		6"	x	24"
	7	HARDINGE	Super precision tool room		10'	X	36"
	1	HARDINGE	Turret		6"	x	24"
	1	TAKASAWA	Tool room		14"	x	48"
CNC Horizontal Mills	1	MAKINO - MMC2 Pallet Stocker	(4) A61nx CNC Horizontal Mills	ATC 560 tools 44 pallets	29"X	26"Y	29"Z
	1	MAZAK PALLETECH MFG CELL	(2) FH5800 CNC Horizontal Mills	ATC 360 tools 32 Pallets	28"X	24"Y	26"Z
	1	MAZAK PALLETECH MFG CELL	(3) FH4800 CNC Horizontal Mills	ATC 360 tools 20 Pallets	22"X	24"Y	24"Z
	1	MAZAK PALLETECH MFG CELL	(3) FH480 CNC Horizontal Mills	ATC 360 tools 18 Pallets	22"X	24"Y	24"Z
	1	OKUMA	MB-5000H II	ATC 180 tools 2 Pallets	29.92"X	29.92"Y	31.89"Z
	2	MAZAK	HTC400	ATC 30 tools 2 Pallets	20"X	20"Y	20"Z
	1	DAEWOO	DMH400	ATC 60 tools 2 Pallets	23.6"X	22"Y	22"Z
	1	MAZAK	FH4000	ATC 40 tools 2 Pallets	22"X	20"Y	25"Z
	1	MAZAK	H400N	ATC 30 tools 2 Pallets	22"X	18"Y	20"Z
	2	MAZAK	NEXUS 5000	ATC 120 tools 2 Pallets	29"X	29"Y	29"Z
	1	MAZAK	4000-II	ATC 60 tools 2 pallets	400mm		
CNC Vertical Mills	1	HAAS	VF4	ATC 20 tools	50"X	20"Y	25"Z
	2	HAAS	VF5	ATC 32 tools	50"X	26"Y	25"Z
	1	HAAS	VF5/50	ATC 30 tools Dual Rotary	50"X	26"Y	25"Z
	1	MAZAK	VTC-20B	ATC 24 tools	44.09"X	20.08"Y	20.8"Z
	1	HAAS - 5 axis	VF3SSYT-TRT210 - 5 axis	ATC 30 tools	40"X	26"Y	25"Z
	1	HAAS	VF3SSYT	ATC 30 tools	40"X	26"Y	25"Z
	1	HAAS	VF5SS	ATC 30 tools	50"X	26"Y	25"Z
MILLS-MANUAL	9	BRIDGEPORT	Vertical with power feeds				
PUNCH PRESS	1	TRUMPF 2020	1,500 punches/minute	19-190 tools			
PRESS BRAKE	1	Amada	80 Ton, 6-1/2" Max Flange Depth				8 ft long
	1	Trumpf TruBend 5170	170 ton, 6 axis CNC				10ft long
LASER CUTTING	1	TRUMPF TruLaser 2030	New in 2024 4Kw Fiber Laser				
3D Printer	1	Creality Micro Swiss	Bondtech				
Laser Engraver	1	RMI Laser Engraver	RMI EF-20J Class 1				
INSPECTION	2	Zeiss Contura CMM	Full Scanning, 0.5µm (.00002") resolution.		39.3" X	27.5" Y	23.5"Z
	1	OGP	Optical Measuring System, TurnCheck 6.3 for cylindrical parts				
	1	SHEFFIELD CORDAX	1000 coordinate measuring machine		24"X	18"Y	16"Z
	1	SHEFFIELD CORDAX	1808 computerized CMM with retrofit vision		29"X	25"Y	18"Z
	1	JONES & LAMSON	Epic 120 optical comparator				
	1	SURTRONIC 3	Electronic surface finish tester				
GRINDERS	1	COVEL	Surface		6"	x	12"
	1	HARIG 618W	Auto surface with Opti-Dress		8"	x	18"
	1	OKOMOTO	Surface		20"	x	60"
HONE	1	SUNNEN	Horizontal MBB-1660		0.375"-6" Diameter x 12"		
SAWING	1	MARVEL SERIES	Series V10A automatic feed vertical band saw				
	1	POWERMATIC	Model 87 band saw				
	1	HE & M	H101-A1 automatic feed horizontal band saw				
WELDING	2	300A Miller Syncrowave	300A GTAW Machine with High Frequency				
	3	200A DX Miller Dynasty	Inverter GTAW machines				
	3	302A Miller DeltaWelds	GMAW machines				
	1	250KVA Banner	Mid-frequency RSW				
	1	Lincoln 300 PowerMig	Multipress welder				
	1	50 KVA Banner	RSW				
	2		Ultrasonic Welders				
	1	Cobot Laser Welder	Cobot Lightweld XR 10M				
SOFTWARE	4	Mastercam	3D CAD CAM Software				
	1	Made 2 Manage	ERP System				
	1	VMS Factory	Visual Method Sheet Software				
	1	Wind Chill	PLM Software				
	1	Auto Desk	Engineering software				
NETWORK-CNC	1	PREDATOR DNC	Networked shop floor for automation of DNC file transfer				