

# Equipment List

MACHINE	QUANTITY	DESCRIPTION	MAX TRAVEL	ACCESSORY
Horizontal Machine Centers	17	4-Axis Mills	1050 X 900 X 980	Many with High Pressure Coolant, up to 240 tools.
Vertical Machining Centers	95	Up to full 5-Axis	1400 X 600 X 675	Many with High Pressure Coolant, up to 60 tools.
Horizontal Turning Centers	2	Mill & Lathe	X: 335 / Z: 1110	90° & 0° Live Holders, 12" chuck
Single Spindle Horizontal Lathe	84	Up to 4-axis	X: 400 / Z: 820	Up to 15" chucks, Programmable tail stock
Twin Spindle Horizontal Lathe	1	2 Axis Lathe	X: 250 / Z: 265	12" Chucks, Parts Loader
Vertical Lathe	14	2 Axis Lathe	X: 439.4 / Z: 800	18" Chuck, Live Tooling, High pressure coolant, Hi-Low Chuck pressure, Coolant Chillers
Horizontal Lathe With Sub-Spindle	10	Up to 6-Axis	X: 175.26 / Z: 508 Y: 105.00	8" CHUCK, 20HP, 6,000 RPM, 5HP 6,000 RPM Live Tooling, Bar Feeders, High Pressure Coolant, Tool Load Moonitoring, Parts Catcher
Swiss Type Screw Machine Lathe	10	Up To 7-Axis	Ø32.0 X 320	Ø32.0 Max With Bar Feeders, High Pressure Coolant, Up To 35 Tools.
Balancer	4	Single Plane	Up To 165 lbs	Auto Correction, Ø24.0" Max, 11.0" Max Drill Radius, Hydraulic Drill Supports
Horizontal Broacher	3	Horizontal	Ø508 X 1524	20,000 # Pull
Double Ram Vertical Broacher	1	Double Ram Vertical	Ø304.8 X 1422.4	Ø241.3 Max If Doing Two Parts At Time
Induction Heat Treater	1	25 kHz	Ø304.8 X 762	150# Total, 8" Spindle Centers
Induction Heat Treater	1	3 /10 kHz	Ø304.8 X 1524	250# Per spindle, 12" Spindle Centers
CNC OD Grinder	1	Angle Head	Ø400 X 1047.75	
CNC OD Grinder	1	Plain Cylinder	Ø300 X 508	
Surface Grinder	8	Face Grind	440 x 1100	Magnetic Table, 3-AXIS
Cutoff / Band Saw	6	Saw	Ø280 X 580	Bar Feeder, Band Speed 10-120 M/Min
Knee Mill	4	MILL	880 X 395 X 380	
Engine Lathe	5	LATHE	500 X 2032	
Engine Lathe	4	Lathe		
CNC Hob	1	5-Axis	Ø226 X 249	4.23 Max DP
CMM	10	CMM	1200 X 3000 X 1000	PC-DMIS

<b>Welder</b>	1	MIG WELDER		Welding Power Source
<b>Welder</b>	1	TIG WELDER		Welding Power Source, AC-DC Gas Tungsten Arc
<b>Welder</b>	1	PLASMA CUTTER		125PSI / 65PSI, 300 SCFH
<b>Welder</b>	1	MIG WELDER		200 AMPS AT 28 VDC, 60% DUTY CYCLE. 250 AMPS AT 28VDC, 40% DUTY CYCLE
<b>Robot</b>	7	Six-Axis Robot		IR Vision-2D
<b>Jig Grinder</b>	1		610 X 914.4	
<b>Lapping Machine</b>	1		Ø508.0	
<b>Barrel Finisher</b>	1		Ø10.25 x 17.25	10HP 4.7cu ft
<b>Plasma Cutter</b>	1		22.0MM	