

MAJOR EQUIPMENT LIST

5-AXIS MACHINING CENTERS - 30 MACHINES				
Qty	Machine	Machine Center	Speed (RPM)	Machining Size
6	Deckel – Maho DMU 80 Evolution	C38,P1,P2,P3,P4,P5	20,000	31.5" x 25.5" x 21.5"
5	Deckel – Maho DMU 80 Evolution	C32,C33,C34,C35,C36	18,000	31.5" x 25.5" x 21.5"
5	Deckel – Maho DMU 70 Evolution	C13,C14,C22,C23,C24	18,000	29.5" x 20.5" x 20.5"
1	Deckel – Maho DMU 70	C8	14,000	29.5" x 20.5" x 20.5"
3	Deckel – Maho DMU 60 Evolution	C6,P6,P7	18,000	23.5" x 20.0" x 20.0"
2	Deckel – Maho DMU 50	C15,C16	10,000	19.7" x 17.7" x 15.7"
1	Deckel – Maho DMU 50	C10	14,000	19.7" x 17.7" x 15.7"
1	Deckel – Maho DMU 50 Evolution	C9	24,000	19.7" x 17.7" x 15.7"
1	Deckel – Maho DMU 60 P Duo Block	C27	12,000	23.6" x 27.6" x 23.6"
1	Mazak Vortex 1400/160XM-II	C30	13,000	165.4" x 55.1" x 24.0"
1	Bavius HBZ Compact Cell	C100	32,000	78.5" x 39" x 11.5 - 11.7"
1	HAAS VR-11	PL2	20,000	120.0" 40.0" x 30.0"
1	Bavius AeroCell 160 400	PL3	30,000	173.0" x 66.0" x 33.0"
1	YASDA H40i	P8	20,000	29.0" x 29.0" x 27"

AUTOMATION CENTERS (FOR 5-AXIS MACHINES) - 6				
Qty	Machine	Machine Center	Pallets	Size Capacity
2	EROWA Robot Compact 80	P6, P7	154	see above
1	EROWA Robot Multi	P5	48	see above
1	EROWA Leonardo	C33	15	see above
1	EROWA Robot Dynamic 150 L	P1, P2, P3, P4	120	see above
1	YASDA H40i	P8	24	see above

3-AXIS MACHINES - 9 MACHINES				
Qty	Machine	Machine Center	Speed (RPM)	Machining Size
3	HAAS Super VF-2SS	C17,C18,C28	12,000	30.0" x 16.0" x 20.0"
1	Deckel – Maho DMC 1035V	C12	8,000	40.0" x 20.0" x 22.0"
1	HAAS VF-7	C11	10,000	84.0" x 32.0" x 30.0"
1	HAAS Super VF-6SS	C21	12,000	64.0" x 32.0" x 30.0"
1	HAAS VF-5	C20	10,000	62.0" x 26.0" x 25.0"
1	HAAS VF-4	C29	10,000	50.0" x 20.0" x 25.0"
1	HAAS VF-14	PL1	15,000	150.0" x 40.0" x 30.0"

MANUAL MILL - 4 MACHINES				
Qty	Machine	Machine Center	Speed (RPM)	Machining Size
5	First Bridgeport Vertical Milling Machine	MM	4,500	40.0" x 28.0" x 25.0"

3D PRINTING MACHINES				
Qty	Machine	Machine Center	Technology	Build Size
1	Markforged X7	N/A	CFR	13.0" x 10.6" x 7.9"

TURN/MILL CENTERS (5-AXIS) - 3 MACHINES				
Quantity	Machine	Machine Center	Speed (RPM)	Machining Size
1	Mazak Integrex 300-IV	C25		30.00" dia. x 60.00"
1	Mazak Integrex i - 150	C45		10.00" dia. x 10.00"
1	Mazak Integrex j - 300	C44		30.00" dia. x 60.00"

TURNING/MILLING CENTERS (LIVE TOOLING) - 5 MACHINES				
Quantity	Machine	Machine Center	Speed (RPM)	Machining Size
1	Mazak Quick Turn Nexus 350M	L1		29.50" dia. x 48.00"
1	Deckel – Maho CTX 410	L9		19.00" dia x 25.00"
1	Mazak Quick Turn Nexus 200-IIM	L7		15.00" dia x 20.00"
1	Mazak Quick Turn Nexus 200-IIMY	L10		15.00" dia x 20.00"
1	Mazak Quick Turn Nexus 100-IIM	L6		10.00" dia x 15.00"

TURNING CENTERS - 7 MACHINES				
Quantity	Machine	Machine Center	Speed (RPM)	Machining Size
2	Mazak Quick Turn 250 HP	L8,L11		16.50" dia. x 24.00"
1	Mazak Quick Turn 200	L2		15.00" dia. x 20.00"
2	Mazak Quick Turn 100S	L5, L12		10.00" dia. x 10.00"
1	Mazak Quick Turn 30	L3		14.00" dia. x 39.00"
1	Mazak Quick Turn 20	L4		12.00" dia. x 25.00"

E.D.M. MACHINING CENTER - 1 MACHINE				
Quantity	Machine	Machine Center	Speed (RPM)	Machining Size
1	AgieCharmilles Sink E.D.M.	EDM 1		20.0" x 14.0" x 12.0"

CMM INSPECTION MACHINES - 5 MACHINES				
Quantity	Machine	Probe	Software	Machining Size
1	Brown & Sharp Global 12.30.10	PH10-TP20	PC-DMIS	48" x 120" x 40"
2	Brown & Sharp Global Performance 7.10.7	PH10-TP200	PC-DMIS	28" x 40" x 28"
1	Brown & Sharp Global Performance 9.12.8	PH10-TP200	PC-DMIS	36" x 48" x 32"
1	Brown & Sharp Global Silver 9.12.8	HH-AS8-T2.5 scanning	PC-DMIS	36" x 48" x 32"