



EQUIPMENT LIST

CNC MILLING

#	MACHINE	MODEL	XYZ TRAVEL	TABLE SIZE	CONTROL	AXIS	A AXIS TRAVEL (DEG)	B AXIS TRAVEL (DEG)	SPDL	RPM	HP	TOOL CPTY
1	CINCINNATI	GANTRY	30' X 14' X 32"	30' X 12'	PC2100	5	25	25	1	3500	30	1
2	CINCINNATI	GANTRY	48' X 14' X 32"	48' X 16'	PC2100	5	25	25	1	10000	100	1
3	OKK	KCV800	120" X 40" X 36"	125" X 45"	FANUC	5	35	35	1	10000	100	30
4	OKK	KV1000	150" X 40" X 28"	150" X 40	FANUC	5	35	35	1	10000	40	30
5	OKK	KV1000	150" X 40" X 28"	150" X 40	FANUC	5	35	35	1	10000	40	30
6	MAKINO	A55D	22" X 22" X 18"	24" X 24"	MAKINO	4	NA	360	1	14000	30	208
7	MAKINO	A77	32" X 30" X 30"	36" X 36"	MAKINO	4	NA	360	1	18000	30	138
8	MAKINO	1516	32" X 60" X 60"	60" X 60"	MAKINO	4	NA	360	1	15000	30	215
9	MAKINO	1516	32" X 60" X 60"	60" X 60"	MAKINO	4	NA	360	1	15000	30	215
10	MAZAK	2001I/200II	200" X 20" X 20"	200" X 20"	MAZATROL	3	NA	NA	1	15000	30	30
11	MAZAK	2001I/200II	200" X 20" X 20"	200" X 20"	MAZATROL	3	NA	NA	1	15000	30	30
12	OKUMA	MC-4020	33" X 20" X 12"	40" X 20"	OPS-VIOM	4	NA	360	1	15000	25	20
13	OKUMA	MC-4020	33" X 20" X 12"	40" X 20"	OPS-VIOM	4	NA	360	1	15000	25	20
14	TREE	1260E	50" X 24" X 30"	57" X 27"	PC 2100	3	NA	NA	1	6000	30	40
15	DAHILIH	1350	60" X 23" X 30"	67" X 27"	FANUC	3	NA	NA	1	3500	25	24
16	DAHILIH	1350	60" X 23" X 30"	67" X 27"	FANUC	3	NA	NA	1	3500	25	24
17	DAHILIH	1500	60" X 23" X 30"	67" X 27"	FANUC	3	NA	NA	1	3500	20	24
18	KOMO (30FT.)	VMC 40	18" X 30" X 10"	18" X 30"	FANUC	3	NA	NA	1	6000	15	30
19	KOMO (15FT.)	VMC 40	18" X 15" X 10"	18" X 15"	FANUC	3	NA	NA	1	6000	15	30
20	HENRY LINE'	GANTRY	240" X 118" X 50"	240" X 118	SIEMENS	5	110	230	1	24000	108	32
21	HANDTMANN	UBZ 300	120" X 180" X 60"	120" X 180	SIEMENS	5	230	230	1	24000	65	36
22	DAHILIH	1450	60" X 23" X 30"	67" X 27"	FANUC	3	N/A	N/A	1	6000	30	32
23	MAKINO	A51	20" X 22" X 18"	24" X 24"	MAKINO	4	N/A	360	1	14000	30	208

CNC LATHE

#	MACHINE	MODEL	X & Z TRAVEL	MAX FEED RATES	MAX SWING DIAMETER	MAX STOCK LENGTH	CONTROL	RPM	SPDL DIA	HP CPTY	TOOL
1	OKUMA	CADET	14" X 18"	200	2.5 Bar Feed	4.0 FT.	OP5020C	3500	10"	25	12
2	NAKA	LMC15	6" X 10"	200	1.625 Bar Feed	12.0 FT.	FANUC	5000	6"	15	10
3	OKUMA	CADET	11" X 18"	200	2.5 Bar Feed	4.0 FT.	OP5020C	3500	10"	25	12
4	FEMCO	DURGA 25E	7" X 27"	200	1.25 Bar Feed	12 FT.	FANUC	5000	8	15	12
5	OKUMA	SPACE TURN LB300-MYM	17" X 20"	200	27.8"	6 FT.	OSP-P100	4500	12.2	20	12

GRINDERS

	MACHINE	MODEL	XYZ TRAVEL	TABLE SIZE	CONTROL
1	CINCINNATI	Centerless	3.0" DIA		MANUAL
2	CINCINNATI	Centerless	1.5" DIA		MANUAL
3	OKAMOTO	Surfaces	24" X 12" X 5"	24" X 12"	MANUAL
4	ELGIN	Center	14" X 40"		MANUAL
5	HERCULES	Center	6" X 24"		MANUAL
6	KONDO	Center	16" X 24"		MANUAL

HYDRO PRESSES

	MACHINE	MODEL	XYZ TRAVEL	TABLE SIZE	CONTROL
1	LAKE ERIE	2500 TON	30" STROKE	48" X 72"	MANUAL
2	LAKE ERIE	600 TON	30" STROKE	48" X 48"	MANUAL

BRAKE PRESS

	MACHINE	MODEL	XYZ TRAVEL	TABLE SIZE	CONTROL
1	CLEARING NIAGRA	135 TON	135" X 6"	135" X 10"	TECH LINE

WATER JET

	MACHINE	MODEL	XYZ TRAVEL	TABLE SIZE	CONTROL
1	FLOW (Waterjet)	FLOW	48" X 96" X 7"	52" X 98"	FLOW MASTER

THREAD ROLLING

	MACHINE	MODEL	XYZ TRAVEL	TABLE SIZE	CONTROL
1	TESKEN		1.0" DIA	4.0" LONG	MANUAL
2	SENY		.75" DIA	3.0" LONG	MANUAL