

C.N.C. VERTICAL MACHINING CENTERS											
YEAR	MAKE	MODEL	X TRAVEL	Y TRAVEL	Z TRAVEL	SPINDLE	RPM	PROBING	TOOL CAPACITY	4TH AXIS	# PALLETS
2003	Haas	VF-2SS	30	16.25	20	CAT 40	12000	YES	24	ROTARY	1
2005	Haas	VF-3	40	20	20	CAT 40	7500	-	20	ROTARY	1
2005	Haas	VF-3	40	20	20	CAT 40	7500	-	20	ROTARY	1
2010	Haas	VF3-TY/50	40	26	24	CAT 50	7500	YES	30	-	2
1998	OKK	PCV-55	40	20	20	CAT 50	6000	-	20	-	2
2003	OKK	VM5II	40	20	16	CAT 50	6000	YES	20		2
1996	HITACHI SEIKI	VK55II-P	40	23.6	23.6	CAT 50	4500	YES	30	-	2
1986	OKK	PCV 620	80	25	23	CAT 50	4500	-		ROTARY	
2002	HITACHI SEIKI	VK55II	40	23.6	23.6	CAT 50	4500	YES	30	ROTARY	1
C.N.C. HORIZONTAL MACHINING CENTERS											
YEAR	MAKE	MODEL	X TRAVEL	Y TRAVEL	Z TRAVEL	SPINDLE	RPM	PROBING	TOOL CAPACITY	4TH AXIS	# PALLETS
2000	OKK	HM-60	30	28.75	31.5	CAT 50	6000	YES	116	INDEX	8
2003	OKK	HM-600	30.25	29.5	31.5	CAT 50	6000	YES	60	ROTARY	2
2006	OKK	HM-600	30.25	29.5	31.5	CAT 50	6000	YES	40	INDEX	2
2007	OKK	HM-600	30.25	29.5	31.5	CAT 50	6000	-	40	INDEX	2
2007	OKK	HM-600	30.25	29.5	31.5	CAT 50	6000	-	40	INDEX	2
2013	NIIGATA	SPN-702	39.4	37.4	33.5	CAT 50	10000	-	62	ROTARY	2
2006	NIIGATA	HN-80D	60.25	48.5	40	CAT 50	8000	-	60	ROTARY	2
1995	MITSUI SEIKI	HT4A	28.375	23.625	21.5	CAT 50	12000	YES	90	ROTARY	6
1996	MITSUI SEIKI	HT4A	28.375	23.625	21.5	CAT 50	6000	YES	90	ROTARY	6
1996	MITSUI SEIKI	HT4A	28.375	23.625	21.5	CAT 50	12000	YES	90	ROTARY	6
2001	KURAKI	KHM-125	78.5	49	39.375	CAT 50	8000	-	60	ROTARY	2
CNC TURNING CENTERS											
YEAR	MAKE	MODEL	MAX DIA.	MAX SWING	MAX LENGTH	SPINDLE	RPM	LIVE TOOLING	TOOL CAPACITY	HRTU-HOLE	
2008	OKUMA	L470 BB	16.54	24.41	49.21	A2-11	3000	NO	12	4.33	
2001	OKUMA	CAPTAIN L370	14.57	20.87	19.69	A2-6	4200	NO	12	2	
1998	OKUMA	CROWN	10.63	21.65	20.4	A2-6	4200	NO	12	2	
2005	OKUMA	L370M BB	13.39	20.87	19.69	A2-8	3800	YES	12	2.9	
2005	OKUMA	L370M BB	13.39	20.87	19.69	A2-8	3800	YES	12	2.9	
2006	OKUMA	LB-400	16.54	24.41	49.21	A2-8	3500	NO	12	2.9	
1994	OKUMA	LB-45	25.98	35.43	39.37	A2-11	2800	NO	12	3.62	
1994	OKUMA	LB-45II-M	25.98	35.43	39.37	A2-11	2800	YES	12	3.62	
2002	OKUMA	LB-45II-M	25.98	35.43	39.37	A2-11	2800	YES	12	3.62	
2002	OKUMA	LB-45II-M	25.98	35.43	39.37	A2-11	2800	YES	12	3.62	
1994	OKUMA	LB9-W	5.12	13	11.81	140MM FLAT	7000	NO	8	1.375	
2006	OKUMA	LU-400	16.54	25.6	49.21	A2-11	2800	NO	12+8	3.62	
2012	OKUMA	LB4000EXM	16.93	26.38	59.06	A2-11	3000	YES	12	4.75	
2012	OKUMA	LB4000EXM	16.93	26.38	59.05	A2-11	3000	YES	12	3.62	
2006	DAEWOO	PUMA 400L	22	30.3	79.1	A2-11	2000	NO	12	3.62	
ROBOTIC WELDERS											

