

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
2003	OKK	VM5II	40	20	16	CAT 50	6000	YES	20	-	2
2013	HAAS	VF-7/50	84	32	30	CAT 50	7500	YES	30	ROTARY	1
2015	HAAS	VF3-YT/50	40	26	24	CAT 50	7500	YES	30	ROTARY	1
2016	HAAS	VF6/50	64	32	30	CAT 50	7500	-	30	ROTARY	1
2013	HAAS	VF3-YT/50	40	26	24	CAT 50	7500	YES	30		2
2018	HAAS	VF3-YT/50	40	26	24	CAT 50	7500	-	30		2
2023	HASS	VF3-YT/50 W/ROBOT	40	26	24	CAT 51	7501	YES	30		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	8000	YES	60	ROTARY	2
2006	OKK	HM-600	30.25	29.5	31.5	CAT 50	8000	YES	40	INDEX	2
2007	OKK	HM-600	30.25	29.5	31.5	CAT 50	8000	-	40	INDEX	2
2007	OKK	HM-600	30.25	29.5	31.5	CAT 50	8000	-	40	INDEX	2
2013	NIIGATA	SPN-702	40	33.5	34.5	CAT 50	10000	-	62	ROTARY	2
2006	NIIGATA	HN-80D	60.25	48.5	40	CAT 50	8000	-	60	ROTARY	2
1995	MITSUJI SEIKI	HT4A	28.375	23.625	21.5	CAT 50	12000	YES	90	ROTARY	6
1996	MITSUJI 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			MAX DIA.	MAX SWING	MAX LENGTH	SPINDLE	RPM	LIVE TOOLING	TOOL CAPACITY	THRU-HOLE
YEAR	MAKE	MODEL								
2008	OKUMA	L470 BB	16.54	24.41	49.21	A2-11	3000	NO	12	4.33
2008	OKUMA	CAPTAIN L370	14.57	20.87	19.69	A2-6	4200	NO	12	2
2002	OKUMA	CROWN	10.63	21.65	20.4	A2-6	4200	NO	12	2
1998	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-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	LB-45II-M	25.98	35.43	39.37	A2-11	2800	YES	12	3.62
1998	OKUMA	LB9-W	5.12	13	11.81	140MM FLAT	7000	NO	8	1.375
1995	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	3.62
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	4.62
2008	DAEWOO	PUMA 700M	35.4	40.6	63	A2-11	1500	YES	12	7.1
ROBOTIC WELDERS										
YEAR	MAKE	MODEL	TOUCH SENSE	COMARCH	ROBOT AXIS	EXTERNAL AXIS				
2009	MOTOMAN	ARC WORLD	YES	NO	6	4				
2010	MOTOMAN	FAB WORLD	NO	NO	6	2				
2013	MOTOMAN	FAB WORLD	YES	NO	6	4				
2021	MOTOMAN	ARC WORLD AW2000	YES	YES	6	2				
SAWING EQUIPMENT										
YEAR	MAKE	MODEL	MAX DIA.		STYLE					
2014	KASTO	TWIN-A 4x5	16		HORIZONTAL BAND					
1991	KASTO	HBA420-CNC	16		HORIZONTAL BAND					
2016	KASTO	FLEX-A	5.5		45 DEG. MITER					