



WORK CENTER	MAKE	MODEL	X TRAVEL	Y TRAVEL	Z TRAVEL	THRU COOLANT	HI PRESSURE	4TH AXIS
<b>Horizontals (10) (600 to 800 mm)</b>	Toyoda	FA630	39.3"	33.5"	29.5"	X	1000psi	1 degree
	Okuma (Qty 4)	MA-600 HB	39.37"	35.43"	39.37"	X	1000psi	Full 4th
	Makino	A81 600	35.4	31.5"	40.1"	X	1000psi	Full 4th
	Makino (Qty 2)	A92M 800	59.8"	49.2"	53.15"	X	1000psi	Full 4th
	Milltronics (Qty 2)	HBM4 Boring Mill	86"	63"	61"	X	1000psi	1 degree
<b>Horizontals (25) (400 to 500 mm)</b>	Okuma	MA-50 HB	27.56"	31.5"	27.56"	X	1000psi	Full 4th
	Okuma	MA-50 HB	27.56"	31.5"	27.56"	X	1000psi	1 degree
	Okuma	MA-500 HB	30.71"	37.4"	30.71"	X	1000psi	1 degree
	Makino (Qty 6)	A51NX	22"	25.2"	25.2"	X	1000psi	Full 4th
	Makino (Qty 5)	A61NX	28.7"	25.6"	31.5"	X	1000psi	Full 4th
	Makino	A61	28.7"	25.6"	28.7"	X	1000psi	Full 4th
	Kitamura (Qty 3)	HX500G	34.3"	31.5"	36.6"	X	1000psi	Full 4th
	Haas	EC400	20"	20"	20"	X	Std	Full 4th
	Haas	EC500	32"	20"	28"	X	1000psi	Full 4th
	Toyoda (Qty 3)	450III	23.62"	23.62"	22"	X	Std	1 degree
	Mori Seiki (Qty 2)	MH-40	22"	19"	20"	-	Std	1 degree
	Mazak (Qty 2)	HTC	22"	23"	22"	-	Std	1 degree
	Toyoda (Qty 2)	FH45	22"	21"	19"	-	Std	1 degree
	<b>Large Verticals (2)</b>	Fadal	VMC6030	60"	30"	26"	-	Std
Haas		VF-6SS	64"	32"	30"	X	Std	Full 4th
<b>Medium Verticals (3)</b>	Haas	VF-3SS	40"	20"	25"	X	Std	Full 4th
	Haas	VF-3SS	40"	20"	25"	X	Std	Full 4th
	Toyoda	VF-45	31.9"	18"	20"	-	Std	N/A
<b>Small Verticals (2)</b>	Haas	VF5/40TR SS- 5 axis	38"	26"	25"	X	Std	Full 4th/5th
	Haas	VF - 2SS	30"	16"	20"	X	Std	capable

<b>Horizontal Lathes (6)</b>	Miyano	BND-34S2	5.31"	-	13.4"	-	-	-
	Nakamura-Tome	Slant Jr	4.05"	-	6.5"	-	-	-
	Okuma (Qty 2)	Multus-B400W-1500	27.17"	9.05"	60.83"	X	Rdy	.001 deg
	Milltronics	92HT	12"	-	49.2"	-	-	-
	Okuma	LB3000 EX-MY	10.24"	" +2.76/-1.96"	22.24"	-	Rdy	-

	MAKE	MODEL	SWING DIA.	MAX TURN HEIGHT	MAX WORK PIECE WEIGHT	C AXIS	VERTICAL RAM TRAVEL "Z"
<b>Vertical Lathes (2)</b>	You Ji	YV-1000ATC+C	53.14"	43"	8800 lbs	X	31.5"
	Yama Seiki	GV-800M	33.46"	25.59"	2272 lbs	X	-