

MACHINING CAPABILITY & ENVELOPE SUPPORT LIST

5-AXIS HORIZONTAL MILLING CENTERS	X	Y	Z
Toshiba BMC-10B full five axis Simultaneous Control, A100°, B360°	59.00"	39.00"	39.00"
Haas UMC - 750	30.00"	20.00"	20.00"
4-AXIS HORIZONTAL MILLING CENTERS			
Hitachi HG400	22.00"	23.00"	20.00"
Hitachi HS500	26.80"	26.80"	26.80"
Toyoda FA0630	39.37"	33.46"	29.52"
4-AXIS VERTICAL MACHINING CENTER			
2 x Haas VF4	50.00"	20.00"	25.00"
1 x Haas VF6	64.00"	32.00"	30.00"
HORIZONTAL MILL / TURN CENTERS			
Hitachi CH250 Super HiCell Full C axis - B Axis: .001°	13.00"	5.90" (+/- 2.95")	39.37"
Hitachi HiCell 40II Full C axis	27.00"	8.00"	41.30"
Okuma L300E Full C axis - Auto-Bar Feed	17.00"	4.00" (+/-2")	45.00"
2-AXIS VERTICAL BORING MILL			
Toshiba TUE 15 VTC	70.00" Max Swing		60.00"
3-AXIS VERTICAL MILLING CENTER			
Hitachi VK45	39.00"	20.00"	20.00"
2-AXIS HORIZONTAL LATHE			
Mazak QT20 Swing:17", Centers, 20" Auto-Bar Feed	7.09"		19.68"
Okuma LB35III, 7" through spindle	19.29"		78.74"
MANUAL SUPPORT EQUIPMENT			
Toshiba TSS 20/40 Vertical Lathe Max weight 20,000 lbs	12 ft Dia table		8 ft
Shibaura Horizontal Boring Mill - BT10B	55.00"	59.00"	50.00"
3 x Manual Lathes			
2 x Manual Mills			
2 x Band Saws (automatic feed)			
INSPECTION EQUIPMENT			
CMM - Dea Gamma 2204	80.00"	40.00"	40.00"
CMM - Hexagon Global S Chrome 5.7.5	19.00"	27.00"	19.00"