

MACHINE SPECIFICATIONS

Item		Unit	BM 2035U	BM 2740U
Travel	X-axis	mm (inch)	3500 (137.8)	4000 (157.5)
	Y-axis	mm (inch)	2050 (80.7)	2500 (98.4)
	Z-axis	mm (inch)	800 (31.5)	800 (31.5)
Table	Spindle to table surface	mm (inch)	810 (31.9) (HSK-A100) 870 (34.3) (HSK-A63)	810 (31.9) (HSK-A100) 870 (34.3) (HSK-A63)
	Distance between columns	mm (inch)	2200 (86.6)	2700 (106.3)
	Table size	mm (inch)	3500 x 1600 (137.8 x 63.0)	4000 x 2500 (157.5 x 98.4)
	Loading capacity	kg (lb)	10000 (22045.9)	15000 (33068.9)
Spindle	Speed	r/min	15000 {30000}*	
	Taper	-	HSK-A100/ HSK-A63	
	Max. torque	N·m (ft-lbs)	146 (107.7) {49.9(36.8)}	
	Spindle power	kW (Hp)	45.9 / 34 (61.6 / 45.6) {90 / 78.3 (120.7/105.0)}	
Feed rate	Feed rate (X / Y / Z)	m/min (ipm)	16 / 16 / 12 (629.9 / 629.9 / 472.4)	12 / 16 / 12 (472.4 / 629.9 / 472.4)
	Cutting feedrate	m/min (ipm)	8 / 8 / 6 (315.0 / 315.0 / 236.2)	
ATC	Tool storage capacity	ea	60	
	Max. tool diameter [w/o adjacent tool]	mm (inch)	70(2.8) {120(4.7)} HSK-A63 / 125(4.9) {220(8.7)} HSK-A110	
	Max. tool length	mm (inch)	300 (11.8)	
	Max. tool weight	kg (lb)	18 (39.7)	
	Max. tool moment	N·m (ft-lbs)	12.74 (9.4)	
	Tool selection type	-	MEMORY RANDOM	
	Tool change time (T-T-T) (60Hz/50Hz)	sec	5.0 / 6.0	
Machine Size	Height	mm (inch)	5150 (202.8)	4995 (196.7)
	Dimension (L x W)	mm (inch)	11350 x 5150 (446.9 x 202.8)	10984 x 6011 (432.4 x 236.7)
	Weight	kg (lb)	40000 (88183.6)	48700 (107363.5)

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