

SPECIFICATIONS

MA-800HB

TRAVEL	X-Axis (carrier hor)	mm (in)	1,400 (55.12)
	Y-Axis (spindlehead ver0	mm (in)	1,250 (49.21)
	Z-Axis (table front-back)	mm (in)	1,250 (49.21)
	Spindle Center to Pallet Surface	mm (in)	50 to 1,300 (1.97 to 51.18)
	Spindle Nose to Pallet Center	mm (in)	100 to 1,350 (3.94 to 53.15)
PALLET	Size	mm (in)	800 x 800 (31.50 x 31.50)
	Max Workpiece weight	kg(lb)	2,000 (4,400)
	Min Indexing Angle	degree	1 [0.001]
SPINDLE	Max Workpiece Size	mm (in)	Ø1,400 x 1,450 (Ø55.12 x 57.09)
	Spindle Speed	min ⁻¹	50~6,000 [50~12,000]
	Bore Taper		NT50 [HSK-A100]
FEEDRATE	Spindle Bearing ID	mm (in)	Ø100 (Ø3.94) [Ø100(Ø3.94)]
	Rapid Traverse (X-Y-Z)	mm/mm(ipm)	50,000 (1969)
MOTORS	Cutting Feedrate (X-Y-Z)	mm/mm(ipm)	1 to 50,000 (0.04 to 1969)
	Spindle Drive (10 min/cont.)	kW(hp)	30/22 (40/30) [37/26 (50/35)]
	Axis Feed (X/Y/Z)	kW(hp)	4.4 x 2 / 5.0 x 2 / 4.4 x 2
	Table Index	kW(hp)	5.0 (5.0)
ATC	Tool Shank		MAS403 BT50 [HSK-A100]
	Pull Stud		MAS type 2
	Tool Storage Capacity	tools	40 [60, 100, 150, 200, 240, 320, 400]
	Max Tool Dia (w/adjacent tools)	mm (in)	Ø140 (5.51)
	Max Tool Dia (w/o adjacent tools)	mm (in)	Ø240 (9.45)
	Max Tool Length	mm (in)	600 (23.62)
	Max Tool Weight	kg (lb)	25 (55)
SIZE	Tool Selection Method		Memory Random*
	Height	mm (in)	3,460 (136.22)
	Required Floor Space (WxD)	mm (in)	4,745 x 6,465 (186.81 x 254.53)
	Weight	kg (lb)	33,600 (73,920)

*Fixed Address for 100 Tools or More

[]: Optional