



## Specifications

ITEM		BMV-1220
Table	Dimensions	1500X650 (59.0 × 25.6)
	Working area	1220X680 (48.0 × 26.8)
	T-slot	CD150X18X4 (CD5.9 × 0.7 × 4)
	Max. loading capacity	1200 kg ( 2640 lbs )
Travel Range	Max. travel range of X/Y/Z-axis	1220 / 680 / 680 (48.0x 26.8 × 26.8)
	Distance from spindle nose to table surface	150-830 (5.9-32.7)
	Distance from spindle center to column	760 (29.9)
Spindle	Spindle taper	ISO No.40
	Spindle nose outer diameter	Ø 70 ( Ø 2.76)
	Spindle speed	STD: 8000 rpm; OPT: 6000, 10000 rpm
Feedrate	Feedrate of x /Y/Z-axis	1 -6000 mm /min (0.04-236.2 ipm)
	Slideways of x /Y/Z-axis	Box way
	Rapid traverse of x /Y/Z-axis	15 m /min (591 ipm)
Tool Magazine	Tool capacity	24 pcs
	Tool selection	Bi-direction & the shortest selection
	Max. adjacent tool diameter × length	Ø 80 × 250 ( Ø 3.15 × 9.84)
	Max. tool weight	6 kg (13.2 lbs)
Drive Motor	Tool shank	BT 40 or V40CT or V40 ANSI
	Spindle drive motor	11/15 kW (15/20 HP) ; 15/18.5 kW (20/25 HP)
	Servo motors of x /Y/Z-axis	4 kW (5.4 HP)
	Coolant motor	960 W (1.3 HP)
Miscellaneous	Chip conveyor motor	215 W ( 1 / 4 HP)
	Power requirement	208-220V 60 cycle/ 75 Amps/ 3 Phase
	Floor area (W × D × H)	3380 × 2603 × 2670 (133.1 × 102.5 × 105.1)
	Net weight	8000 kgs (17600 lbs)
	Gross weight	9000 kgs (19800 lbs)

\*Specifications are subject to change without notice