



## Specifications

ITEM		MV-1220
Table	Dimensions	1500 x 650 (59.0 x 25.6)
	Working area	1220 x 680 (48.0 x 26.8)
	T-slot	CD150 x 18 x 4 (CD5.9 x 0.7 x 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 x 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 2.8)
	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	Linear guideway
	Rapid traverse of x /Y/Z-axis	30 m /min (1181 ipm)
Tool Magazine	Tool capacity	24 pcs; OPT: 30 pcs
	Tool selection	Bi-direction & the shortest selection
	Max. adjacent tool diameter x length	Ø 80 x 250 ( Ø 3.15 x 9.8)
	Max. tool weight	6 kg (13.2 lbs)
	Tool shank	BT40 or V40CT or V40 ANSI
Drive Motor	Spindle drive motor	11/15 kW (15/20 HP); OPT: 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)
	Chip conveyor motor	215 W ( 1/4 HP)
Miscellaneous	Power requirement	208-220V / 75 Amps/ 3 Phase
	Floor area (W x D x H)	3380 x 2603 x 2670 (133 x 102.5 x 105)
	Packing dimension (W x D x H)	4380 x 2700 x 3010 (172 x 106 x 118)
	Net weight (approx.)	9910 kgs (21802 lbs)
	Gross weight (approx.)	11110 kgs (24442 lbs)

\*Specifications are subject to change without notice