



Specifications

ITEM	MV-1500	
Table	Dimensions	1650 x 750 (59.0 x 25.6)
	Working area	1550 x 780 (48.0 x 26.8)
	T-slot	CD125 x 18 x 5 (CD4.9 x 0.7 x 5)
	Max. loading capacity	1000 kg (2640 lbs)
Travel Range	Max. travel range of X/Y/Z-axis	1500 / 750 / 700 (58.8x 29.4 x 27.4)
	Distance from spindle nose to table surface	120-820 (4.7-32.2)
	Distance from spindle center to column	850 (33.3)
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	30/30/24 m /min (1181 ipm/1181 ipm/945 ipm)
Tool Magazine	Tool capacity	16 pcs carousel; OPT: 24pcs Arm
	Tool selection	Bi-direction & the shortest selection
	Max. adjacent tool diameter x length	Ø 80 x 150 (Ø 3.15 x 5.9)
	Max. tool weight	7kg (15.4 lbs)
Drive Motor	Tool shank	BT40 or V40CT or V40 ANSI
	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)
Miscellaneous	Chip conveyor motor	215 W (1/4 HP)
	Power requirement	208-220V / 75 Amps/ 3 Phase
	Packing dimension (W x D x H)	4300 x 2950 x 3670 (168.6 x 115.6 x 143.9)
	Net weight (approx.)	9760 kgs (21472 lbs)
	Gross weight (approx.)	10830 kgs (23826 lbs)

*Specifications are subject to change without notice