

Machine specification

ITEM		UNIT	MV-500
Table	Table dimension	mm	600 x 500
	T-slot	mm	3x18xP125
	Number of work table	pcs	1
	Max. loading capacity	kg	500
Travel Range	Max. travel range of X/Y/Z-axis	mm	500 / 500 / 500
	Distance from spindle nose to table surface	mm	650
	Distance from spindle center to column	mm	610
Spindle	Spindle taper		ISO 40
Feedrate	Feedrate of X/Y/Z-axis	m/min	30/30/30
	Slideways of X/Y/Z-axis		Linear guide
	Rapid traverse of X/Y/Z-axis	m/min	10
Tool Magazine	Tool capacity	pcs	20 (arm)
	Max. tool dia. x length	mm	Φ75 x 190
	Max. tool weight	kg	7
	Tool shank		BT40
Drive Motor	Spindle drive motor	kw	β6/12000 (5.5/7.5kw)
	Servo motors of X/Y/Z-axis	kw	β6/12000 (1.2kw)
	Coolant motor	W	1620
	Chip conveyor motor	W	200
Accuracy	Positioning	mm	±0.004
	Repeatability	mm	±0.003
Miscellaneous	Floor area (L × W × H)	mm	1,810 x 2,190 x 2,300
	Net weight (approx.)	kg	2,950