

HEAVY DUTY BED TYPE VERTICAL MILLING MACHINE



SPECIFICATIONS

ITEM	MODEL	EM-1460B	EM-1660B	EM-2065B	EM-1460VF	EM-1660VF	EM-2065VF	EM-1460G	EM-1660G	EM-2065G
TRAVEL										
Longitudinal Travel- X	mm	1400	1600	2000	1400	1600	2000	1400	1600	2000
Cross Travel-Y	mm	600	650	650	600	650	650	600	650	650
Vertical Travel-Z	mm	700/800/900/1000			600/700/800/900			600/700/800/900		
TABLE										
Table size	mm	1702x510	1900x510	2450x580	1702x510	1900x510	2450x580	1702x510	1900x510	2450x580
T Slot	mm	4 x 18 x 80		5x18x95	4x18x80		5x18x95	4 x 18 x 80		5x18x95
Table load	kgs	1000	1000	1500	1000	1000	1500	1000	1000	1500
Speed feed	mm/min	10-3000 (X,Y,Z axis)			10-3000 (X,Y,Z axis)			10-3000 (X,Y,Z axis)		
Rapid feed	mm/min	4800 (X,Y,Z axis)			4800 (X,Y,Z axis)			4800 (X,Y,Z axis)		
SPINDLE										
Spindle taper		NT#40/BT#40			NT#50/BT#50			NT#50/BT#50		
Quill diameter	mm	φ110			φ128.57			φ128.57		
Quill travel	mm	140								
Spindle speed	rpm/min	65-3580 (16 steps)85-3600 Variable(opt.)			60-3000 (3steps frequency inverter controlled)			60-Hz 125- 1100 (6-step) / 50-Hz 104-1400 (6-step)		
Quill feed speed	mm/rev	0.035, 0.07, 0.14								
Vertical head swivelling angle (R&L)		45								
Spindle nose to table	mm	100-800/900/1000/1100			80-680 / 780 / 680 / 980			120-720/820/920/1020		
Spindle center to column	mm	650			610			610		
MOTOR										
Spindle motor	mm	5HPx2P/4P/7.5HPx2P/4P (opt.)			10HP/4P / 15HP/4P (opt.) / (with frequency inverter controlled)			10HP/2P/4P		
X,Y,Z axis servo motors	Nm	4.5Nm			4.5 Nm			4.5 Nm		
Coolant pump	HP	1/8HP			1/8 HP			1/8 HP		
Net weight	kgs	4500	4700	5700	4800	5000	6000	4800	5000	6000