

Technical Specifications for PRECISION RT VERTICAL MILLING MACHINE

SPECIFICATIONS	UNITS	2S1	2S2	3V/3S	4V
TABLE					
Length x Width	mm	1067x230	1244x230	1270x254	1370x254
No. of slots	mm	3	3	3	3
Width of slots	mm	16	16	16	16
TRAVERSES (Manual)					
Longitudinal (X)	mm	760	760	810	915
Cross (Y)	mm	305	305	420	400
Vertical travel of knee (Z)	mm	330	330	400	450
Ram Travel	mm	350	350	450	520
Ram rotation about vertical axis	deg	360	360	360	360
SPINDLE HEAD					
Motor Power	kw	2.2	2.2	2.2	2.2
No. of speeds		16	16	INFINITE/ 16	INFINITE
Range	rpm	70-4620	70-4620	50- 3550/70- 4620	50-3550
Head type		Conventional	Modified Step	Stepless / Step	Stepless
Speed change levers		Double	Single	Single	Single
Spindle Taper		H30/R8	H30/R8	H30/R8	H30/R8
Quill Travel	mm	127	127	127	127
No. of power feeds		3	3	3	3
Feed rates	mm/rev	0.04, 0.08	0.04, 0.08	0.04, 0.08	0.04, 0.08
		0.15	0.15	0.15	0.15
Head Swivel					
To left & right	deg	90-0-90	90-0-90	90-0-90	90-0-90
Towards & away from column	deg	45-0-45	45-0-45	45-0-45	45-0-45
SPACE REQUIRED					
Overall width x overall depth	mm	1800x1600	1800x1600	1800x1600	1800x1600
x overall height (approx)		X2020	X2020	X2080	X2300

MACHINE BODY

Slideways		XYZ	XZ Dovetail	X Dovetail	XZ Dovetail
		Dovetail	Y Square	YZ Square	Y Square
Column Type		Hump back	Hump Back	Square	Square
Net Weight (approx.)	kg	1050	1050	1350	1450

In each range the low speed is possible by engaging the back gear while the high speed is through spindle direct drive.

Note : As improvements are constantly made in our machines, The specifications are subject to change without notice and are not binding to us.