



2S



3ES

- Unique modified step head design
- Better Cutting Performance
- X, Y & Z Axis Dovetail Slideways
- X & Y Axis "Turcite-B" Coated
- Double Wall & Ribbed body



4V / 4S

- ▣ Heavy-duty Machine body
- ▣ 1170 X 254mm Work Table
- ▣ Y & Z Axis Square Slideway
- ▣ X & Y Axis "Turcite-B" Coated
- ▣ Variable speed head for 4V

PRECICUT

PRECISION MILLING MACHINES

SPECIFICATIONS	UNITS	2S	3ES	4V/4S
TABLE				
Length x Width	mm	1244 x 230	1270 x 254	1370 x 254
No. of slots		3	3	3
Width of slots	mm	16	16	16
TRAVERSES (Manual)				
Longitudinal (X)	mm	800	900	900
Cross (Y)	mm	305	395	395
Vertical travel of knee (Z)	mm	330	350	350
Ram Travel	mm	350	400	400
Ram rotation about vertical axis	deg	360	360	360
SPINDLE HEAD				
Motor Power	kw	2.2	2,2	2.2
No. of speeds		16	16	Infinite / 16
Speed Range*	rpm	70-4620	70-4620	50-3550/70-4620
Head type		Modified Step	Modified Step	Stepless / Step
Speed change levers		Single	Single	Single
Spindle Taper		H30/R8	H30/R8	H30/R8
Quill Travel	mm	127	127	127
No. of power feeds		3	3	3
Feed rates	mm/rev.	0.04, 0.08 0.15	0.04, 0.08 0.15	0.04, 0.08 0.15
Head Swivel				
To left & right	deg	90-0-90	90-0-90	90-0-90
Towards & away from column	deg	45-0-45	45-0-45	45-0-45
SPACE REQUIRED				
Overall width x overall depth x overall height (approx)	mm	1800 x 1600 x 2020	1500 x 1700 x 2150	1850 x 1700 x 2150
MACHINE BODY				
Slideways		X YZ Dovetail	XYZ Dovetail	X Dovetail YZ Square
Column Type		Hump back	Square	Square
Net Weight (approx.)	kg	1050	1200	1400

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

ACCESSORIES
A. STANDARD
<ul style="list-style-type: none"> Electricals to suit AC supply voltage of 415 V, 3 Phase, 50 Hz. Spindle forward reverse switch & emergency stop. Low voltage electrical panel with E.M. contactors & over load relays for all models Operator's Manual Draw Bar One shot lube system Set of service tools
B. OPTIONAL
<ul style="list-style-type: none"> Coolant Equipment Machine lamp with bracket Digital readout system Power drawbar Power feeds for table saddle & knee. Traverses reduce by approx 70mm with power feed. Chip Tray Horizontal Milling attachment Cutter holding devices such as collets, end mill holders, stub & milling arbors and boring heads. Work holding devices such as machine vices with or without swivel base, rotary table, dividing head, angle plates and sine table.

* Specifications are not binding and are subject to modification and change without notice. The standard and optional accessories listed are provisional. Final list will be as per our offer.

RIGID. RUGGED, RELIABLE

These high precision turret ram type milling machines are built with proven designs, tight engineering standards and quality materials. In addition to these there are features such as hardened ways and turcite coating on saddle ways. These make the machines rigid and reliable.



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