



**INDIA INTERNATIONAL MARKETING COMPANY**



**MILLING MACHINES-AMT PRECISION MILLING MACHINES MODEL 2S1&2S2&3V/3S&4V**



**Special Features**

2S-2	3V / 3S	4V
<ul style="list-style-type: none"><li>■ Unique Modified step head design</li><li>■ Better Cutting Performance</li><li>■ Rigid Humpback type machine body</li></ul>	<ul style="list-style-type: none"><li>■ Rigid type machine body</li><li>■ Y &amp; Z Axis Square Slideway</li><li>■ X &amp; Y Axis "Turcite-B" Coated</li></ul>	<ul style="list-style-type: none"><li>■ Heavy-duty Machine body</li><li>■ 1370 X 254 mm Work Table</li><li>■ V Axis Square Slideway</li></ul>

<ul style="list-style-type: none"> <li>Y Axis Square Slideway</li> <li>X &amp; Y Axis "Turcite-B"</li> <li>Coated</li> </ul>	<ul style="list-style-type: none"> <li>Variable speed head</li> <li>Unique modified step head design in 3S</li> </ul>	<ul style="list-style-type: none"> <li>x &amp; V Axis "Turcite - B" Coated</li> <li>x &amp; y Leadscrews Chromed &amp; Hardened</li> <li>Variable speed head</li> </ul>
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SPECIFICATIONS	UNITS	2S1	2S2	3V / 3S	4V
<b>TABLE</b>					
Length x Width	mm	1067 x 230	1244 x 230	1270 x 254	1370 x 254
No. of slots	mm	3	3	3	3
Width of slots	mm	16	16	16	16
<b>TRAVERSES (Manual)</b>					
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
<b>SPINDLE HEAD</b>					
Motor Power	kw	2.2	2.2	2.2	2.2
No. of speeds		16	16	INFINITE / 16	INFINITE
Range*	rmp	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, 0.15	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	90-0-90
Towards & away from column	deg	45-0-45	45-0-45	45-0-45	45-0-45
<b>SPACE REQUIRED</b>					
Overall width x overall depth x overall height (approx)	mm	1800 x 1600 x 2020	1800 x 1600 x 2020	1800 x 1600 x 2080	1800 x 1600 x 2300
<b>MACHINE BODY</b>					
Slideways		XYZ Dovetail	XZ Dovetail Y Square	X Dovetail YZ Square	XZ Dovetail Y Square
Column Type		Hump Back	Hump Back	Square	Square
Net Weight (approx.)	kg	1050	1050	1350	1450

## STANDARD ACCESSORIES

- 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

## OPTIONAL ACCESSORIES

- Coolant Equipment (Std in 4V only)
- Machine lamp with bracket
- Digital readout system
- Power drawbar
- Power feeds for table saddle & knee. Traverses reduce by approx 70 mm 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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