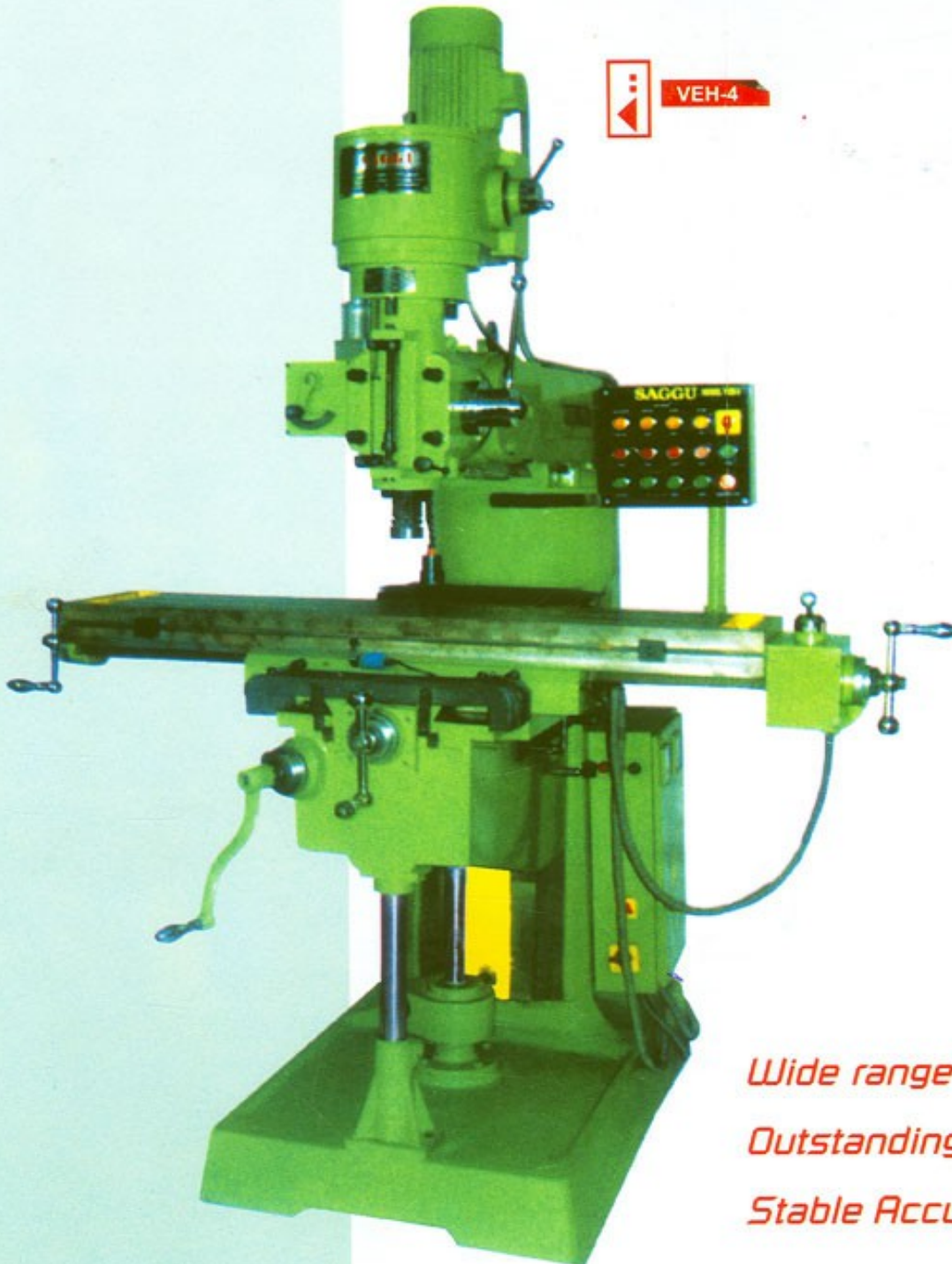




# SAGGU<sup>®</sup>

## PRECISION TURRET RAM MILLING MACHINE



*Wide range of Machining  
Outstanding Operatability  
Stable Accuracy*

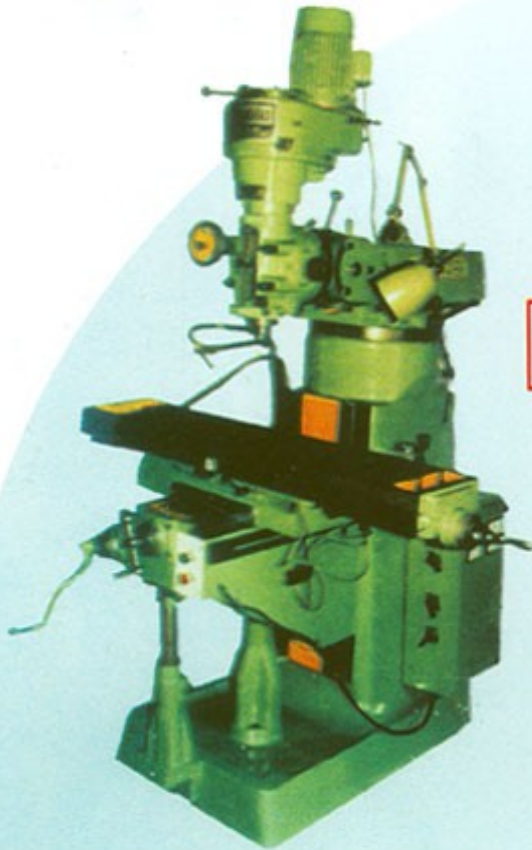


**SAGGU®**

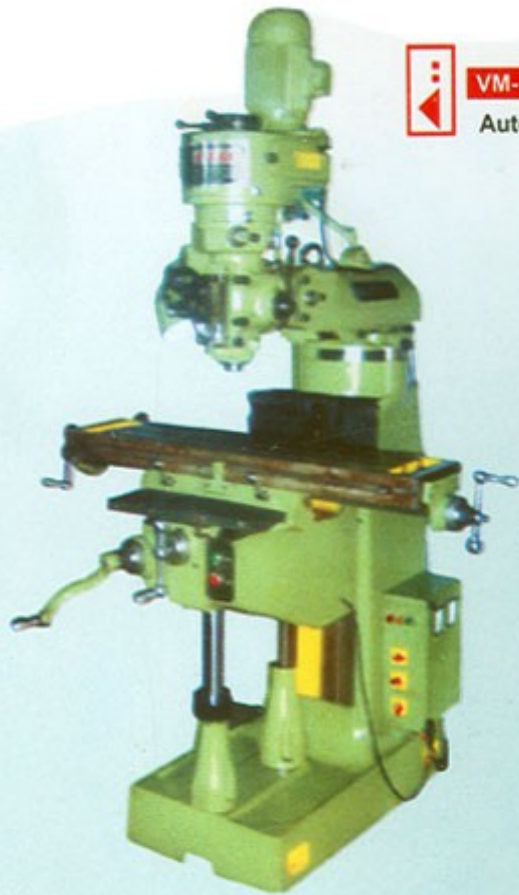


**VM-1.5**  
Autofeed

PRECISION TURRET RAM MILLING MACHINE



**VEH-3**



**VH2**

**ACCURACY**

Local tolerance 0.02 for any length of  
300, 0.04 maximum

**TRUE RUNNING OF SPINDLE BORE**

0.015 IN BORE & 0.02 on diameter

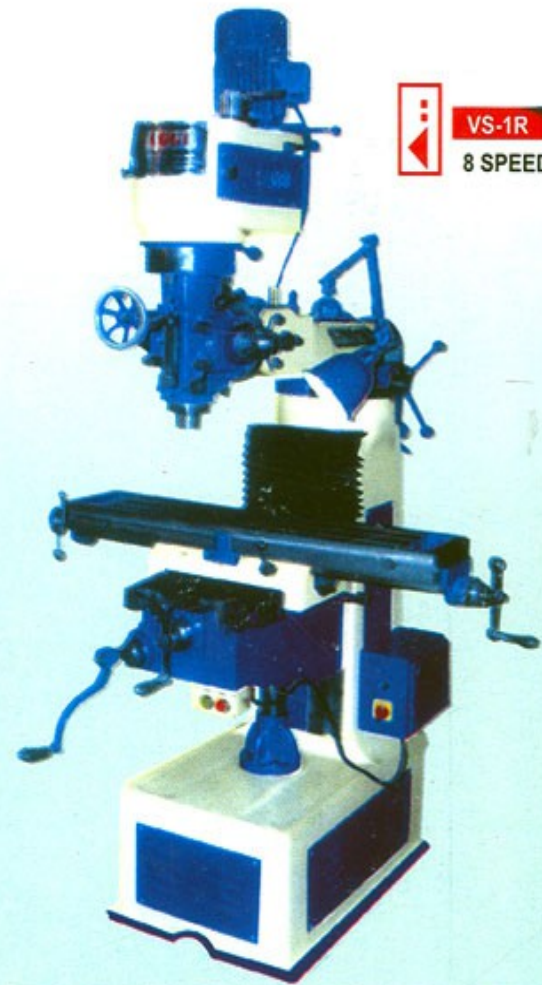


VGM-1.5



VS-1R

8 SPEED



	VEH-3	VH2	VM-1.5	VGM-1.5	VS-1R	VS1-R	MINI MILLING	MINI MILLING	MINI HORIZONTAL
					8 SPEED	4 SPEED	R		
<b>TABLE</b>									
Length x width	1370x300	1225x275	1070x250	1070x250	920x225	920x225	760x175	760x175	760x175
No. & Width of T-Slots (mm)	3 & 16	3 & 16	3 & 13	3 & 13	3 & 13	3 & 13	3 & 13	3 & 13	3 & 13
Max. safe weight on table (kg)	800	700	400	400	200	200	90	70	70
<b>TRANSVERSE</b>									
Longitudinal	800	750	610	610	500	500	400	400	400
Cross	300	300	280	280	230	230	175	175	175
Vertical	430	430	400	400	310	310	250	250	250
Ram	425	420	350	350	300	300	250	250	350
<b>MILLING HEAD</b>									
Spindle (ISO-40 on request)	H-30	H-30	H 30	H 30	H-30	H-30	H-30	H-30	ISO-30
Quill transverse (mm)	165	150	120	120	100	100	80	--	--
No. of power quill feeds (Optional)*	3	3	3	3	--	--	--	--	--
Range (mm/rev)	0.038, 0.074	0.038, 0.074	0.038, 0.074	0.038, 0.074	--	--	--	--	--
	0.15	0.15	0.15	0.15	--	--	--	--	--
No. of speeds	8	8	8	8	8	4	4 or 8	4	3
Speed range (rpm)	65,110,175	85,138,220	65,110,175	85,138,220	85,138,220	455,740	85,138,220	455,740	120,210
	275,550,925	315,455,740	275,550,925	315,455,740	315,455,740	1130,1685	315,455,740	1130,1685	300
	1450,2250	1130,1685	1450,2250	1130,1685	1130,1685		1130,1685		--
Swivel head to either sides	45°	45°	45°	45°	45°	45°	45°	45°	--
Slide feed	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Z - axis feed	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Draw bolt	M12x1.5	M12x1.5	M12x1.5	M12x1.5	M12x1.5	M12x1.5	M12x1.5	M12x1.5	M12x1.5
Power required (kw)	1.5	1.5	0.75	0.75	0.75	0.75	0.75	0.75	0.75
Weight (kg)	1800	1500	1050	980	710	770	450	400	450



VS1-R  
4 SPEED



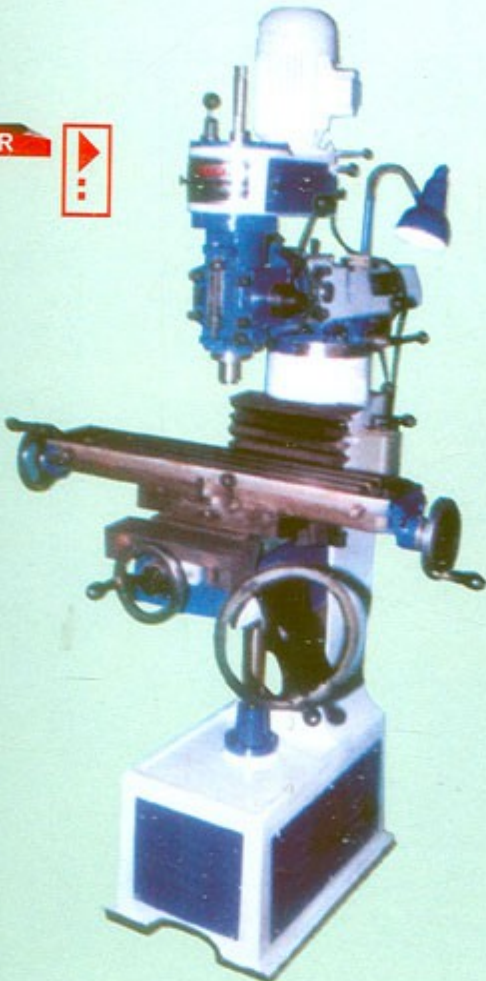
SAGGU®

PRECISION TURRET RAM MILLING MACHINE

MINI MILLING



MILLING - R



MINI HORIZONTAL



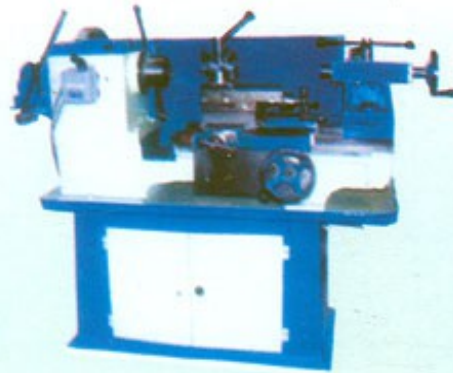




**RADIAL DRILL**

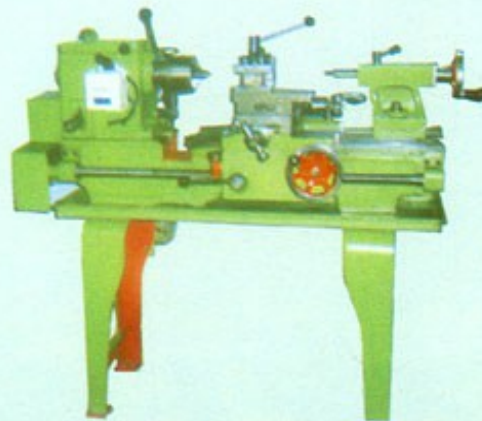


Drilling capacity	40 & 25 mm
Spindle nose	MT-4 & MT-3
Spindle travel	165
No. of Speeds	6
Speed Range	90-1000 rpm
No. of feed	2
Drilling motor	1.5 kw
Elevation motor for arm	0.75 kw



**PRODUCTION LATHE**

Bed Length	1143 mm
Bed Width	280
Center Height	215
Spindle Bore	50 & 63 mm
No. of Speed	3
<b>TAIL STOCK</b>	
Quill dia	40 mm
Quill taper	MT-3



**THREAD CUTTING LATHE**

Bed Length	1143 mm
Bed Width	228
Center Height	190
Spindle Bore	33 mm
No. of Speed	3
<b>TAIL STOCK</b>	
Quill dia	35 mm
Quill taper	MT-2



**PNEUMATIC PRESS**

150 mm Stroke



**FOOT PRESS**

65 mm & 100 mm Stroke

**STANDARD EQUIPMENTS**

Electric panel, machine lamp, push buttons, complete wiring, draw bolt, collet 12 mm & set of service tools. Warranty of one year on any manufacturing defect

**KARTAR SINGH & SONS (REGD.)**

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