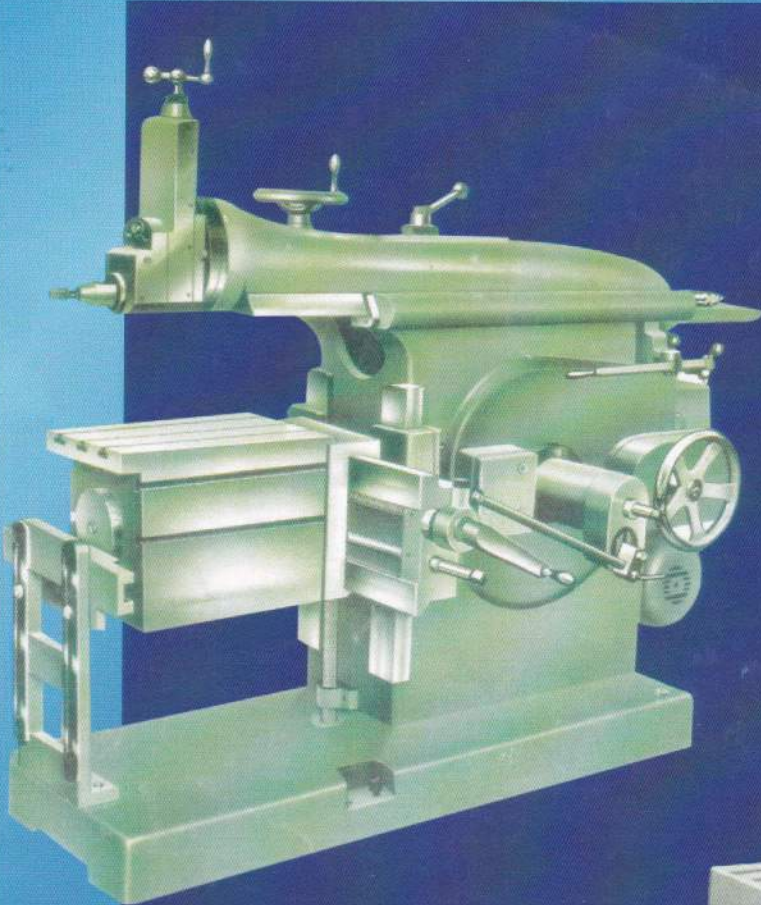
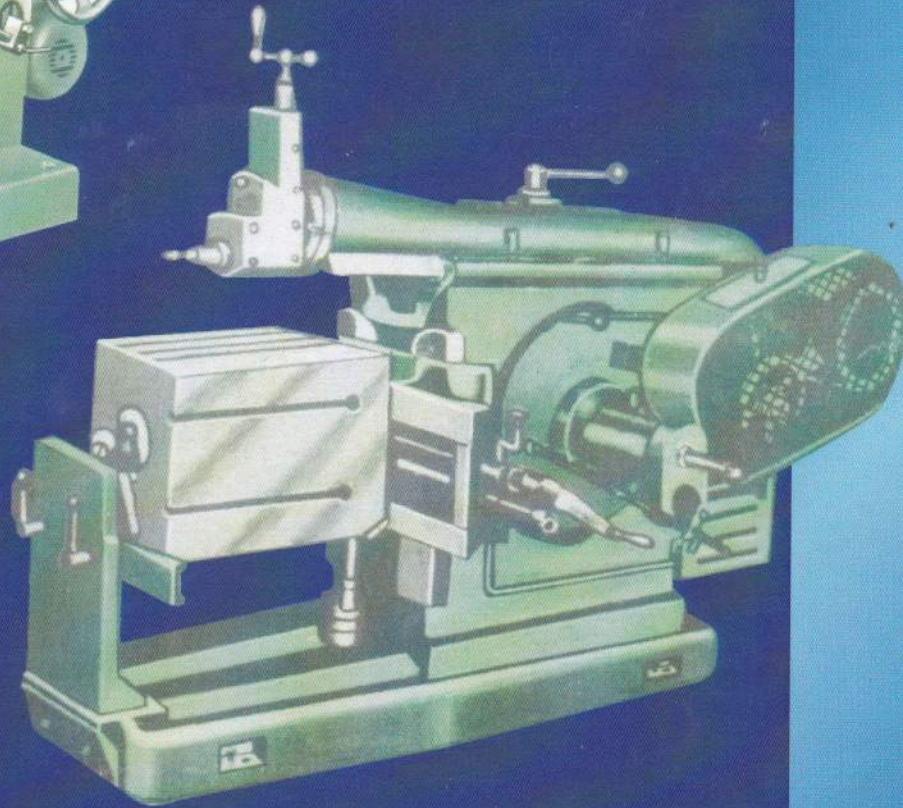


RAMAN SHAPING MACHINES



**CONE
PULLEY
DRIVE**

**ALL
GEARED
DRIVE**



AN ISO 9001-2000 COMPANY

RAMAN SHAPING MACHINES

TECHNICAL FEATURES

- ❖ Duly seasoned alloyed high duty castings
- ❖ Sturdy construction to ensure vibration-free working
- ❖ Ram alignment with taper jib strip
- ❖ Extensive lubrication arrangements
- ❖ Alloy steels shafts
- ❖ All alignments maintained as per geometric alignment test IS : 2310-1963
- ❖ Universal/fixed table with variable automatic feeds on horizontal traverse.
- ❖ Expanding ring type clutch drive in all-g geared machines to eliminate slippage
- ❖ Graduated tool slide swivelling 90 degrees either way
- ❖ Interchangeability of parts ensured through standard disation and quality control
- ❖ Accuracy and performance guaranteed.

STANDARD ACCESSORIES

Swivelling Vice, Allen Key Set, V-Belts, Crank Handle, Spanner Set, Screw Driver, Oil Can, Motor Pulley, Tool Box.

EXTRA ACCESSORIES

1. Electric Motor
2. Dol Starter
3. Key way cutting attachment
4. Automatic tool lifting device
5. Automatic feed to the tool slide
6. Automatic lubricating pump
7. Rapid feed system with Control Panel

TECHNICAL SPECIFICATIONS

Model	RM-12	RM-18	RM-24	RM-30	RM-36	RM-42
A - CAPACITY	12"	18"	24"	30"	36"	42"
Length of Ram Stroke	305 mm	457 mm	610 mm	762 mm	615 mm	1070 mm
Length of Ram	711	991	1232	1474	1651	2108
Length of Width of Ram bearing	721 x 203	686 x 273	867 x 30	975 x 325	1130 x 300	1600 x 330
Max. & Min. distance from Table Ram	257 x 41	381 x 83	508 x 76	610 x 102	525 x 102	530 x 102
B - TABLE						
Working Surface of Table	305 x 228	457 x 305	610 x 356	762 x 406	915 x 457	196 x 533
Max. Table Travel Horizontal	330	483	635	787	860	1050
Max. Table Travel Veritcal	140	305	406	483	525	455
Angular Movement of Table on either sides	60 L 60 R	60 L 60 R	60 L 60 R	60 L 60 R	60 L 60 R	60 L 60 R
C - TOOL HEAD						
(Max. Vertical Travel of Tool Slide)	140	152	204	203	225	300
Maximum Swivel of Tool Head	60 L 60 R	60 L 60 R	60 L 60 R	60 L 60 R	60 L 60 R	60 L 60 R
D - SPEEDS & FEEDS						
Range of Ram Speeds	3	4	4	4	4	4
Stroke per minute	30,60,90	16,32,64,96	12,24,48,72	8,16,32,48	10,20,30,50	8,16,32,48
Dia of Motor Pulley	51	70	70	76	88	88
Range of Tool Head Feed	Hand Feed	Hand Feed	Hand Feed	Hand Feed	Hand Feed	Hand Feed
Automatic Tool Head Feed & Tool Lifting	On Order	On Order	On Order	On Order	On Order	On Order
E - DRIVE ELECTRICAL EQUIPMENTS						
Power Supply	1 HP (.75kw)	1 HP (1.5kw)	3 HP (2.25kw)	5 HP (3.75kw)	7.5 HP (5kw)	10 HP (7.5kw)
Speed RPM	1440 RPM	1440 RPM	1440 RPM	960 RPM	960 RPM	960 RPM
F - OVERALL DIMENSIONS & WEIGHT						
Length	12196	1580	1981	2150	2500	2875
Width	762	948	1092	1219	1350	1500
Height	1371	1400	1600	1550	1700	1850
Weight (Approx)	450 Kgs	1100 Kgs	1800 Kgs	2100 Kgs	3000 Kgs	3500 Kgs

RAMAN MACHINERY CORPORATION

Distributors & Exporters of Machinery & Machine Tools

Ground Floor, Sterling Apartments, Distillery Road, Ranigunj, Secunderabad - 500 003 (T.S.) India

☎ : Off : +91-40-2754-0250, 2754-0674, 2754-3623, Fax : Off : +91-40-2754-0327, Grams : RAMAN

E-mail: hyd2_ramanmac@sancharnet.in, Website : www.ramanmachinery.com