



HARI SINGH & SONS
PADAM™



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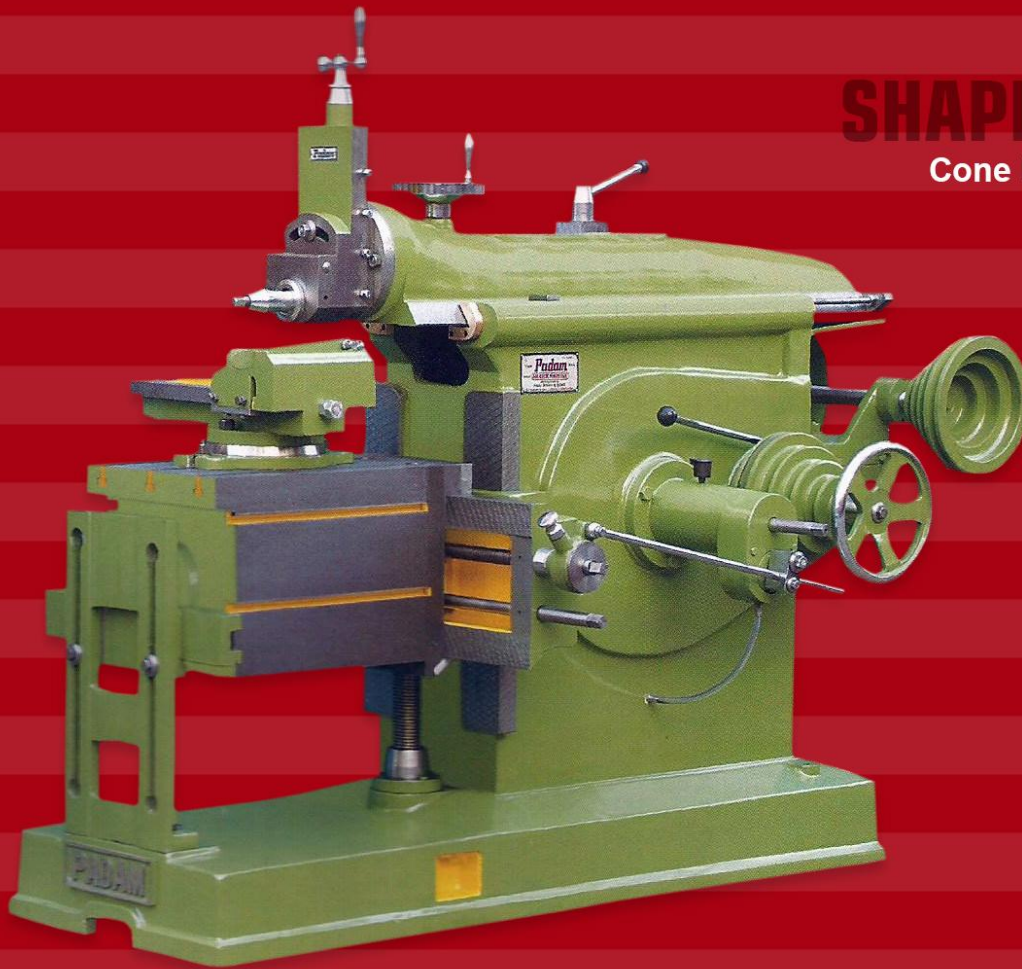
SHAPING MACHINES

All Geared Shaping Machine



SHAPING MACHINES

Cone Pulley Drive Shaping Machine



STANDARD ACCESSORIES

- Automatic lubrication pump
- Swivelling Vice
- Crank Handle
- Motor Pulley

EXTRA ACCESSORIES

1. Key way cutting attachment
2. Automatic tool lifting device
3. Automatic feed to the tool slide
4. Rapid feed system with control panel
5. Allen key set
6. V-belts
7. Screw driver
8. Electric motor & starter with fitting & wirings
9. Spanner set
10. Oil can
11. Tool box

Specifications for Shaping Machines

MODEL	HS - 12	HS - 18	HS - 24	HS - 30	HS - 36	HS - 42
A-CAPACITY	12"	18"	24"	30"	36"	42"
Length of Ram Stroke	305 mm	457 mm	610 mm	762 mm	915 mm	1070 mm
Length of Ram	660 mm	960	1232	1410	1651	2108
Length of Width Ram Bearing	520x203	700x270	867 x 300	1020x330	1130 x 330	1600 x 330
Max. & Min. Distance						
From Table of Ram	257 x 40	360 x 75	450 x 76	510x75	565 x 102	600 x 102
B-TABLE						
Working Surface of Table	305x203	457x305	610 x 370	762 x 390	915 x 457	1078 x 533
Max. Table Travel Horizontal	330	488	635	787	940	1075
Max. Table Travel-Vertical	140	330	380	450	525	585
Angular Movement of Table						
on Either Slides	60 L 60 R	60 L 60 R	60 60 R	60 60 R	60 L 60 R	60 L 60 R
C-TABLE						
(Max Vertical Travel of Tool Slide)	140	152	190	203	255	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
E-SPEEDS& FEEDS						
Dia of Clutch Pulley	235	311	311	311	380	380
Range of Ram Speeds	4	4	4	4	4	4
(Stroke Per Minute)	22,36,52,78	16,32,64,96	14,28,42,62	8,16,32,48	10,20,30,50	8,16,32,48
Dia of Motor Pulley	51	70	70	76	88	88
Range of Table Feed Per						
Stroke of Ram	0.220	0.220	0.229	0.229	0-22 To 0-88	0-22 To 0-88
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
F- DRIVE ELECTRICAL EQUIPMENT						
Power Supply	1 hp (.75 kw)	2 hp (1.5 kw)	3 HP (2.25 kw)	5 HP (3.75 kw)	7.55 HP (5.5kw)	10HP (7.5kw)
Speed Rpm	960 RMP	960 RMP	1440 RPM	960 RPM	960 RPM	960 RPM
Main Switch Starter (Push Button Type)	3.5 AMP	3.5 AMP	5 AMP	5 AMP	5 AMP	3.5 AMP
Weight (approx.)	650 kgs.	1200 kgs.	1850 kgs.	2300 kgs.	3500 kgs.	4000 kgs.

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