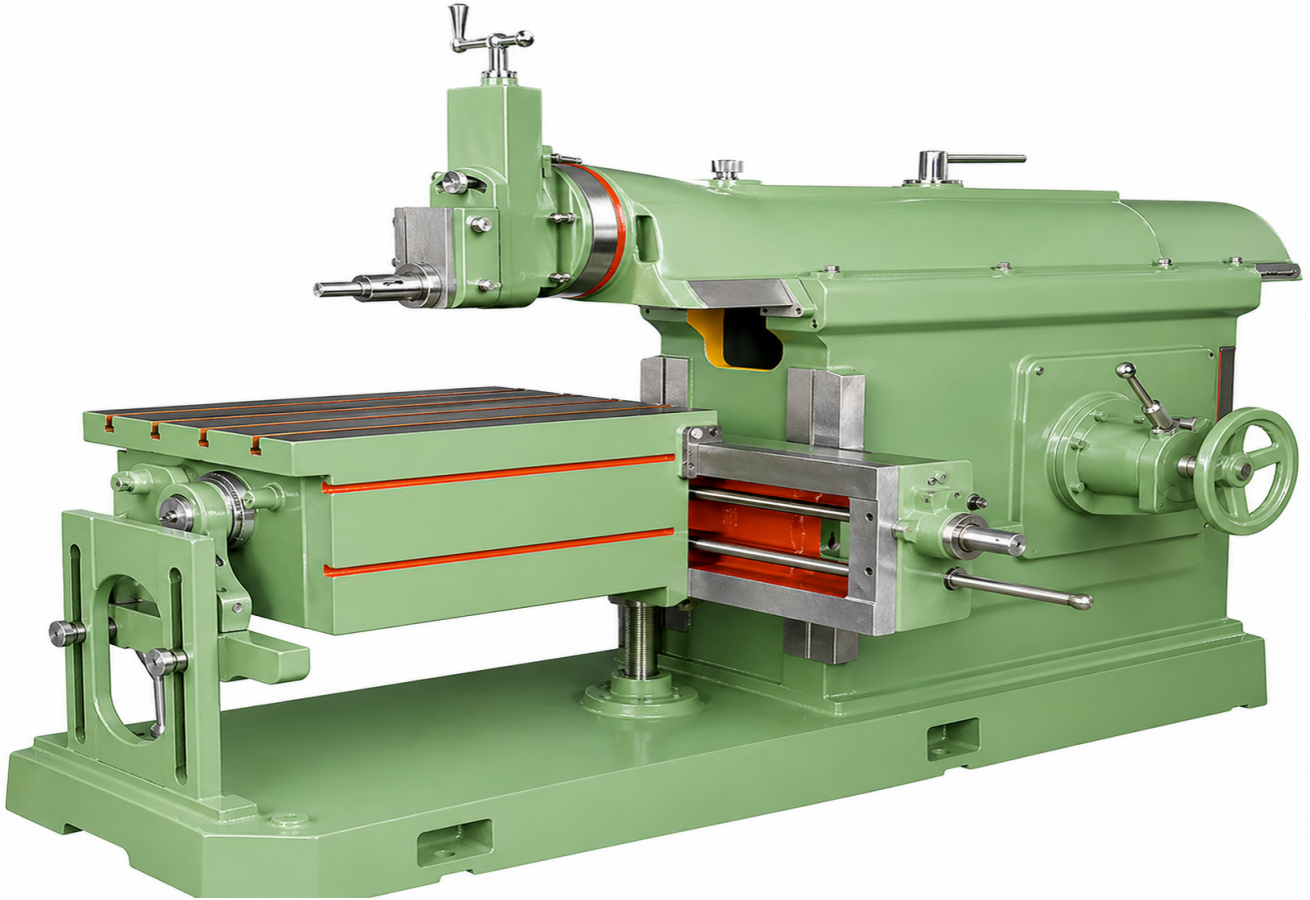


BHARAT MACHINES



SHAPER MACHINE

Technical Specifications

HS Series Shaping Machine Specifications (HS-12 to HS-42)

Model No	SM-12	SM-18	SM-24	SM-30	SM-36	SM-42
Capacity	12"	18"	24"	30"	36"	42"
Length of Ram Stroke	305mm	457mm	610mm	762mm	915mm	1070mm
Length of Ram	660mm	960mm	1232mm	1410mm	1651mm	1651mm
Length of Width Ram Bearing	520x203mm	700x270mm	867x300mm	1020x330mm	1130x330mm	1600x330mm
Max & Min Distance From Table Of Ram	257-40mm	360-75mm	450-76mm	510-75mm	565-102mm	600-102mm
Working Surface of Table	305x203mm	457x305mm	610x370mm	762x390mm	915x457mm	1078x533mm
Max. Table Travel Horizontal	330mm	488mm	635mm	787mm	940mm	1075mm
Max. Table Travel-Vertical	140mm	330mm	380mm	450mm	525mm	585mm
Angular Movement of Table on Either Slides	60 L 60 R	60 L 60 R	60 L 60 R	60 L 60 R	60 L 60 R	60 L 60 R

Max Vertical Travel of Tool Slide	140mm	152mm	190mm	203mm	255mm	300mm
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
Dia of Clutch Pulley	235mm	311mm	311mm	311mm	380mm	380mm
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	51mm	70mm	70mm	76mm	88mm	88mm
Range of Table Feed Per Stroke of Ram	0.22	0.22	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
Power Supply	1HP	2HP	3HP	5HP	7.5HP	10HP
Main Switch Starter (Push Button Type)	3.5AMP	3.5AMP	5AMP	5AMP	5AMP	5AMP
Approx Weight	650Kgs	1200Kgs	1850Kgs	2300Kgs	3500Kgs	4000Kgs