

Product Name :
Shaping Machine

Product Code :
sp0001



Description :

Shaping Machine

Technical Specification :

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 standardisation and quality control
- Accuracy and performance guaranteed

STANDARD ACCESSORIES :

- Swivelling Vice
- Allen Key Set
- V-Belts
- Crank Handle
- Spanner Set

EXTRA ACCESSORIES :

1. Key way cutting attachment
2. Automatic tool lifting device
3. Automatic feed to the tool slide
4. Automatic lubricating pump
5. Rapid feed system with control panel

- Screw Driver
- Oil Can
- Motor Pulley
- Tool Box
- Electric Motor & starter with fittings & wirings

SPECIFICATIONS

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	711	991	1232	1474	1651	2108
Length of Width of Ram bearing	724 x 203	686 x 273	867 x 30	975 x 325	1130 x 300	1600 x 330
Max. & Min. distance from Table of 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 Vertical	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 - BASE

Length of Width of Base	940 x 483	1346 x 502	1676 x 610	1829 x 660	1980 x 660	2286 x 762
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E - SPEEDS & FEEDS

Dia of Clutch Pulley	235	311	311	311	380	380
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 Table Feed per Stroke of Ram	0.299	0.220	0.229	0.229	0-22 to 0-88	150 to 600
Range of Tool Head Feed	Hand Feed	Hand Feed	Hand Feed	Hand Feed	Hand Feed	Hand Feed
Automatic Tool Head Feed	On Order	On Order	On Order	On Order	On Order	On Order

& Tool Lifting

F- DRIVE ELECTRICAL EQUIPMENTS

Power Supply	1 HP (75kw)	2 HP (1.5kw)	15 HP (12.2kw)	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
V. Belt Section	B-55	B-55	B-55	B-58	B-70	B-75
Main Switch Starter (Push Button Type)	3.5 AMP	3.5 AMP	5 AMP	5 AMP	5 AMP	3.5 AMP

G - OVERALL DIMENSIONS & WEIGHT

Length	1219	1580	1981	2150	2500	2875
Width	762	948	1092	1219	1350	1500
Height	1371	1400	1600	1550	1700	1850
Weight (Approx)	700 Kgs	1500 Kgs	2000Kgs	2700Kgs	3500 Kgs	4000 Kgs

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