



SHAPING MACHINES - SAGAR ALL GEARED SHAPING MACHINES



Special Features

SPECIFICATIONS

CAPACITY	12"	18"	24"	26"	30"	32"	36"	42"
LENGTH OF RAM STROKE	305	457	610	660	762	815	915	1070
LENGTH OF RAM	660	990	1219	1325	1378	1610	1740	2100
LENGTH & WIDTH OF RAM BEARING	660 x 178	762 x 267	914 x 279	914 x 279	1040 x 279	1135 x 305	1190 x 390	1600 x 390
MAX & MINIMUM DISTANCE	257 x	407 x	457 x 89	485 x	508 x	500 x	521 x	521 x

FROM TABLE TO RAM	41	89		89	114	140	140	140
TABLE								
WORKING SURFACE OF TABLE	305 x 228	407 x 292	483 x 330	515 x 330	610 x 330	380 x 810	457 x 915	560 x 1050
MAX TABLE TRAVEL-HORIZONTAL	419	508	610	660	762	810	870	1070
MAX TABLE TRAVEL-VERTICAL	140	330	375	432	432	390	390	457
ANGULAR MOVEMENT OF TABLE ON EITHER SIDE	60 L 60R	60 L 60R	60L 60R	60 L 60R	60 L 60R	60 L 60R	Fixed	Fixed
TOOL HEAD								
MAXIMUM SIZE OF TOOL SHANK ACCOMMODATED	16 x 22	32 x 16	51 x 21	51 x 21	51 x 21	38 x 21	38 x 21	38 x 25
MAX. VERTICAL TRAVEL OF TOOL SLIDE	140	150	150	150	150	180	200	225
MAX. SWIVEL OF TOOL HEAD	60L 60R	60 L 60R	60 L 60R	60 L 60R	60L 60R	60 L 60R	60 L 60R	60 L 60R
SPEEDS & FEEDS								
DIA OF CLUTCH PULLEY	235	311	311	311	311	405	405	405
RANGE OF RAM SPEEDS	30, 60, 90	17, 25, 50, 75	12,24,48,72	12, 24, 48, 72	10, 24, 45, 70	12, 25, 40, 67	12, 25, 40, 67	10-67
(STROKE PER MINUTE) DIA OF MOTOR PULLEY	76	89	89	89	89	100	100	100
RANGE OF TABLE FEED PER STROKE OF RAM	0.229	0.229	0.229	0.229	0.229 - 0.687	0.229 - 0.687	0.229- 0.687	0.229 - 0.687
RANGE OF TOOL HEAD FEED	Hand Feed	Hand Feed	Hand Feed	Hand Feed	Hand Feed	Hand Feed	Hand Feed	Hand Feed
DRIVE & ELECTRICAL EQUIPMENTS								
3 PHASE ELECTRIC MAIN DRIVE MOTOR	1.5 HP	2 HP	3 HP	3 HP	5 HP	5 HP	5 HP	7.5 HP
SPEED R.P.M.	960	960	960	960	960	960	960	960
V-BELT SECTION	B-35	B-55	B-57	B-57	B-58	B-72	B-72	B-85
MAIN SWITCH STARTER (PUSH BUTTON)	3.5 AMP	3.5 AMP	5 AMP	5 AMP	15 AMP	15 AMP	15 AMP	15 AMP

Standard Equipments

- Machine Vice
- Handle
- Instruction Manual
- Automatic Oil Lubrication

Extra Equipments

- Electric Motor

- **Electric Controls**
- **Automatic Tool Lifting**
- **Automatic Up & Down Feed to the tool slide**
- **Key Way Cutting Attachment**
- **Hydro copying Attachment**
- **Rapid Travel with 3-Guideways Slide**
- **Centralized Lubrication for Cross Slide**



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