

## Shaping Machines

We are a leading shaper machine manufacturer that caters to all industrial needs with advanced technology to shape materials accurately at faster rates. The popular Shaper Machines is an effective working type of shaper cutting tool that uses linear relative motion. It has the ram moves backward and forwards across the work piece to finish into flat surfaces. The shaper machine's surface may be horizontal, vertical, inclined, concave /convex, angular that make grooves, slots, keyways, etc.



Thus these machine tools easily attain any desirable shape. The Horizontal shaper type is the common arrangement to get plane surfaces of a work-piece. The ram in the horizontal axis movement is converted into a reciprocating movement to achieve the required successful cutting operation.

### Technical Specifications

Model	QMT12	QMT18	QMT24	QMT30	QMT36	QMT42	QMT48
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Capacity	12"	18"	24"	30"	36"	42"	48"
Length of Ram Stroke	320	500	660	800	930	1025	1245
Length of Ram	620	1000	1225	1600	1750	1900	2057
Table							
Working Surface of Table	300* 250	450* 300	610* 380	760* 400	900* 450	1015* 518	1220* 508
Max. Horizontal Table Travel	300	460	600	700	810	940	1092
Max. Vertical Table Travel	125	330	350	430	500	550	762
Angular Movement of Table	60	60	60	60	60	60	60
Tool Head							
Max. Vertical Travel of Tool Slide	125	135	140	160	185	200	200
Max. swivel of Tool Head	60	60	60	60	60	60	60
Speeds & Feeds							
No of Ram Speeds	3	4	4	4	4	4	4
Diameter of motor pulley	2.5"	2.5"	3"	3"	3.5"	3.5"	4"
Tool head Feed	Hand	Hand	Hand	Hand	Hand	Hand	Hand
Electrical Equipment							
Main Motor Drive 3 Ph.	1 HP	1.5 HP	2 HP	3 HP	5 HP	5 HP	5 HP

RPM	1440	1440	1440	960	1440	1440	960
V-Belt Section	B	B	C	C	C	B	B

## Features

- Quite robust and Rigid Construction to Avoid Vibrations.
- The machine is made with Graded casting which is properly seasoned for At least 6 to 8 Months
- Highly accurate as Per IS Standards (IS: 2308: 1989)
- Quick Return Movement to save idle time
- Rocker arm Mechanism Operation
- All Gears are made of EN series Steel, Properly cut on Hobbing and Gear shaper Machines.
- Gears in the machine are properly Hardened and lapped.
- Machine and Gear Box is filled with C-oil.

## Standard Accessories

- Standard accessories: Swivelling Vice, Allen key set, V- belt, Crank handle, Spanner set, Screwdriver, Oil can, Motor pulley, Toolbox.
- Extra accessories: Electric motor & starter, Keyway cutting attachment, Automatic tool lifting device, Automatic feed to the tool slide, Automatic lubricating pump, Rapid feed system with control panel