

Shaper Machine

We are a well known manufacturer, supplier and exporter of Shaper Machine. Our offered product is highly demanded in the market. Being a maker we get crude material from trusted sellers with the goal that we can produce the standard nature of organizers. We have established ourselves as one of Shaper Machine Manufacturers in the global market. Our offered Shaper Machine is widely appreciated for condensed construction, sturdiness, long utility life and high performance.



All these Shaper Machines are manufactured using best quality materials and are customized as per the specifications detailed by clients. The work piece mounts on a rigid, box-shaped table in front of the machine. The height of the table can be adjusted to suit this work piece, and the table can traverse sideways underneath the reciprocating tool, which is mounted on the ram. Table motion may be controlled manually, but is usually advanced by automatic feed mechanism acting on the feed screw.

The ram slides back and forth above the work. At the front end of the ram is a vertical tool slide that may be adjusted to either side of the vertical plane along the stroke axis. This tool-slide

holds the clapper box and tool post, from which the tool can be positioned to cut a straight, flat surface on the top of the work piece. The tool-slide permits feeding the tool downwards to deepen a cut. This adjust ability, coupled with the use of specialized cutters and tool holders, enable the operator to cut internal and external gear tooth profiles, splines, dovetails, and key ways.

Features

- The Tool Head of Shaping Machine is Graduated and May be Swiveled to any Angle up to 90 Degree.
The Cross Slide of Shaper Machine had Long Guides, with a Deep Frontal Bearing ensuring Adequate Support for the Table.
- The Vertical Screw is fitted with a Ball Thrust Bearing to obtain a Light and Easy Movement. The Table Universal or Fix is Provided with the Slots on the Top as well as on one Side and has Bolts on other Side. The Bull Wheel is Cut with Helical Teeth to provide chatter and Ensure a Smooth even Drive to the Ram.
- A Reliable Stroke Adjusting Mechanism is Provided in it. The Drive from the Motor is by multiple V Belts through a Claw Clutch for Three/ Four Different Speeds.
- Machines can be supplied when Required with a Pulley Drive incorporating the Clutch. The Automatic Self Acting Horizontal Feed Motion is Arranged to give 3 Optional Feeds per Stroke of the Ram. The Vice of the Shaper Machine is of the Single Screw Type and Has Deep and Wide Inter-Changeable Jaws.
- The Swiveling Base is Accurately Graduated. Standard Accessories Include One Heavy Duty Vice having One Operating Handle with Motor Pulley.

Technical Specifications

All the dimensions are approximate and subjected to change according to requirement

Shaper Machine	Model DF60	Model DF75
Maximum length of stroke	26"	32
Minimum length of stroke	0"	0"
No of speed	4"	4"
Length of Ram	48"	58"
Width of Ram	11 ½	11 ½

Length and width of table top surface	24"x14"	30"x15"
Horizontal travel of table	15"	40"
Vertical (hand) of travel of table	33"	41"
Jack	Double	Double
Tool hand feed	9"	9"
Length, width & depth of vice jaws	13"x10"x2 ½"	13"x10"x2 ½"
Size of base plate	66"x25"x7"	74"x25"x7"
H. P. required	3	5
R.P.M. of motor	1440	1440
No. of strokes per miniature	20, 40, 60, 90	18, 28, 42, 65
Size of motor pulley required	3"	3"
Total weight approximately	16Qnl.	19Qnl