

Shaping Machine

Feature:

With a good design, it is characterized as reliable performance, but easy operation and maintenance. This machine is designed for cutting flat and formed surfaces on various kind of small or medium sized workpiece. Toolhead can swivel $\pm 60^\circ$ degree and manually feed. The main cutting motion of the machine is linear motion being converted from circular motion of gears by linkblock mechanism, special suitable for machining plane, groove and dovetail surface, also, can be used for machining the forming surface.



Note :

Due to keeping innovation, the specification and Machine pictures or color are subject to alteration without notice!

Model no.	B6050	B6063	B6066	B6085
Max. shaping length	500mm	630mm	660mm	850mm
Max. range of the horizontal movement of the table	525mm	630mm	630mm	710mm
Max. distance between the ram bottom and table	370mm	385mm	385mm	400mm
Max. length of the vertical movement of table	270mm	360mm	360mm	360mm
Dimensions of table top: (L x W)	440 x 360mm	630 x 400mm	660 x 400mm	850 x 450mm
Max. stroke length of the toolhead	120mm	120mm	120mm	160mm
Max. swivel angle of the toolhead	$\pm 60^\circ$	$\pm 60^\circ$	$\pm 60^\circ$	$\pm 60^\circ$
Max. section of tool (W x T)	22 x 30mm	22 x 30mm	22 x 30mm	22 x 30mm
Number of ram reciprocation per minute (No./min)	14-80 no./min	14,20,28,40,56,80	15,20,29,42,58,83	17,24,35,50,70,100
range of table feed: horizontal vertical	0.2-2.5/0.08-1mm/ recip			
Range of table power feed	Horizontal feed	0.2-0.25mm/ recip		
	Vertical feed	0.08- 1mm/ recip		0.12-1.5mm/ recip
Rapid travel of table	Horizontal feed	0.95m/min	0.95m/min	0.95m/min
	Vertical feed	0.38m/min	0.38m/min	0.35m/min
Width of the T-slot for center positioning	18mm	18mm	18mm	22mm
Power of the main motor	3kw	3kw	3kw	5.5kw
Power of the motor for rapid travel of table	0.55kw	0.75kw	0.75kw	0.75kw
N.W..(approx)	1650kg	1750kg	1800kg	2900kg
Dimensions of the machine tool (length*width*high)	1900 x 1200 x 1450mm	2342 x 1220 x 1480mm	2370 x 1220 x 1500mm	2950 x 1325 x 1690mm
Flatness of machined surface on tested workpiece	0.025mm	0.025mm	0.025mm	0.025mm
Parallelism of machined surface on tested	0.03mm	0.03mm	0.03mm	0.03mm
parallelism of machined surface on side to that	0.05mm	0.05mm	0.05mm	0.05mm
Verticality of machined side surface on the side	0.02mm	0.02mm	0.02mm	0.02mm
Surface roughness	6.3	6.3	6.3	6.3