



CA518E CA5110E CA5112E CA5116E CA5120E Verical lat

Feature:

The table adopt high precision thrust ball rolling guideway and slide guideway in 1.6 metre of diameter.

The column cross rail adopt high strengthness and high wear-resistance grey cast iron.

Firction pairs of guideway in horizontal and vertical diretion adopt wear-resistance grey cast iron.

Ram guideway surface of rail, side head adopt middle frequency harden rolling grind finish machining.

Black chromium plane of new type for batton siation.

The rail head is designed with leadscrew for horizontal and vertical transmission.

Pentagonal turret pinion plate index positioning with high strengthness and rigidity.

Lubrication of cross is supplied with oil by hand pump.

Main specifications	Unit	CA518E x 8/2	CA5110E x 8/3	CA5112E x H/5	CA5116E x H/W	CA5120E x H/W
Max. turning dia	mm	800	1000	1250	1600	2000
Table dia.	mm	720	900	1010	1400	1800
Max. height of workpiece	dm	8	8	10/12.5/14		12.5/16
Max. weight of worpiece	t	2	3	5	5/8	8/12
Max. cutting force of rail head	KN	20			25	
Max. cutting force of side head	KN	15		20		
Max. torque of table	KN.m	10	12.5	17.5	25	32
Range of table speeds (16Steps)	r/min	10-315	8-250	6.3-200	5-160	2.5-125
Range of feed rates (12Steps)	mm/min	0.8-86				
Ram travel of rail head	mm	570	670	700	915	1050
Hor travel of rail head	mm	650			800	
Ram hor. travel of side head	mm	500				630
Vertical travel of side head	mm	810	810	970	980	1180
Rapid traverse of tool heads	mm/min	1800				
Height of tool bar section	mm	40				
Power of main motor	Kw	22			30	37
Overall dimensions (L x W x H)	cm	208 x 282 x 272	219 x 2891 x 351	236 x 247x 348	2083 x 287 x 387	321 x 405 x 420
Weight of machine (Approx)	t	6.8	7.1	8.3/8.6/8.9	12.6/13.8/14.1	17.5/17.8