

## Conventional Single Column Vertical Lathe VC5120E



### Parameters

Term	Unit	VC5120E
Max. turning diameter of vertical tool post	mm	2000
Max. turning diameter of side tool post	mm	1800
Worktable diameter	mm	1800
Max. height of work piece	mm	1250/1400
Max. weight of work piece	T	8
Max. cutting force of vertical tool post	KN	25
Max. cutting force of side tool post	KN	20
Max. total cutting force	KN	40
Max. torque of worktable	KN	32
Stage number of variable speed of worktable	16	
Variable speed range of worktable	r/min	3.2-100

Feeding stage number of vertical and side tool post	12	
Feeding range of vertical and side tool post	mm/min	0.8-86
Horizontal travel of vertical tool post	mm	1200
Vertical travel of vertical tool post	mm	800
Horizontal travel of side tool post	mm	630
Vertical travel of side tool post	mm	900
Crossbeam travel	mm	850
Vertical and side Tool post rapid moving speed	mm/min	1800
Max. swivel angle of worktable	°	± 30
Crossbeam lifting speed	mm/min	440
Sectional dimension of tool bar	mm	40*40
Feeding electric motor power	KW	1.3/1.8
Main electric motor power	KW	30
Overall size	mm	3135*3037*3910
Weight of worktable	t	17