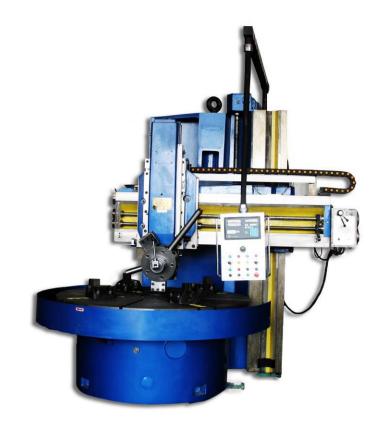
## **Single Column Vertical Lathe VC5123E**



## **Parameters**

TermUnitVC5123EMax. turning diameter of vertical tool postmm2300Max. turning diameter of side tool postmm2000Worktable diametermm2000Max. height of work piecemm1400/1600/2000Max. weight of work piecet.8Max. cutting force of vertical tool postKN30Max. cutting force of side tool postKN20Max. total cutting forceKN40Max. torque of worktableKN32Stage number of variable speed of worktable16Variable speed range of worktabler/min3.2-100Feeding stage number of vertical and side tool post12Feeding range of vertical and side tool postmm/min0.8-86Horizontal travel of vertical tool postmm1300Vertical travel of vertical tool postmm800/1000/1300Horizontal travel of side tool postmm630Vertical travel of side tool postmm900Crossbeam travelmm1050/1250Vertical and side Tool post rapid moving speedmm/min1800Max. swivel angle of worktable。±30	1 at affecters		
Max. turning diameter of side tool postmm2000Worktable diametermm2000Max. height of work piecemm1400/1600/2000Max. weight of work piecet.8Max. cutting force of vertical tool postKN30Max. cutting force of side tool postKN20Max. torque of worktableKN32Stage number of variable speed of worktable16Variable speed range of worktabler/min3.2-100Feeding stage number of vertical and side tool post12Feeding range of vertical and side tool postmm/min0.8-86Horizontal travel of vertical tool postmm800/1000/1300Vertical travel of vertical tool postmm630Horizontal travel of side tool postmm630Vertical travel of side tool postmm900Crossbeam travelmm1050/1250Vertical and side Tool post rapid moving speedmm/min1800	Term	Unit	VC5123E
Worktable diametermm2000Max. height of work piecemm1400/1600/2000Max. weight of work piecet.8Max. cutting force of vertical tool postKN30Max. cutting force of side tool postKN20Max. total cutting forceKN40Max. torque of worktableKN32Stage number of variable speed of worktable16Variable speed range of worktabler/min3.2-100Feeding stage number of vertical and side tool post12Feeding range of vertical and side tool postmm/min0.8-86Horizontal travel of vertical tool postmm1300Vertical travel of vertical tool postmm800/1000/1300Horizontal travel of side tool postmm630Vertical travel of side tool postmm900Crossbeam travelmm1050/1250Vertical and side Tool post rapid moving speedmm/min1800	Max. turning diameter of vertical tool post	mm	2300
Max. height of work piecemm1400/1600/2000Max. weight of work piecet.8Max. cutting force of vertical tool postKN30Max. cutting force of side tool postKN20Max. total cutting forceKN40Max. torque of worktableKN32Stage number of variable speed of worktable16Variable speed range of worktabler/min3.2-100Feeding stage number of vertical and side tool post12Feeding range of vertical and side tool postmm/min0.8-86Horizontal travel of vertical tool postmm800/1000/1300Vertical travel of vertical tool postmm630Vertical travel of side tool postmm900Crossbeam travelmm1050/1250Vertical and side Tool post rapid moving speedmm/min1800	Max. turning diameter of side tool post	mm	2000
Max. weight of work piecet.8Max. cutting force of vertical tool postKN30Max. cutting force of side tool postKN20Max. total cutting forceKN40Max. torque of worktableKN32Stage number of variable speed of worktable16Variable speed range of worktabler/min3.2-100Feeding stage number of vertical and side tool post12Feeding range of vertical and side tool postmm/min0.8-86Horizontal travel of vertical tool postmm1300Vertical travel of vertical tool postmm800/1000/1300Horizontal travel of side tool postmm630Vertical travel of side tool postmm900Crossbeam travelmm1050/1250Vertical and side Tool post rapid moving speedmm/min1800	Worktable diameter	mm	2000
Max. cutting force of vertical tool post  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  Variable speed range of worktable  Feeding stage number of vertical and side tool post  Feeding range of vertical and side tool post  Feeding range of vertical tool post  Horizontal travel of vertical tool post  Mm  1300  Vertical travel of vertical tool post  Mm  630  Vertical travel of side tool post  Mm  900  Crossbeam travel  Vertical and side Tool post rapid moving speed  MN  1800	Max. height of work piece	mm	1400/1600/2000
Max. cutting force of side tool postKN20Max. total cutting forceKN40Max. torque of worktableKN32Stage number of variable speed of worktable16Variable speed range of worktabler/min3.2-100Feeding stage number of vertical and side tool post12Feeding range of vertical and side tool postmm/min0.8-86Horizontal travel of vertical tool postmm1300Vertical travel of vertical tool postmm800/1000/1300Horizontal travel of side tool postmm630Vertical travel of side tool postmm900Crossbeam travelmm1050/1250Vertical and side Tool post rapid moving speedmm/min1800	Max. weight of work piece	t.	8
Max. total cutting forceKN40Max. torque of worktableKN32Stage number of variable speed of worktable16Variable speed range of worktabler/min3.2-100Feeding stage number of vertical and side tool post12Feeding range of vertical and side tool postmm/min0.8-86Horizontal travel of vertical tool postmm1300Vertical travel of vertical tool postmm800/1000/1300Horizontal travel of side tool postmm630Vertical travel of side tool postmm900Crossbeam travelmm1050/1250Vertical and side Tool post rapid moving speedmm/min1800	Max. cutting force of vertical tool post	KN	30
Max. torque of worktableKN32Stage number of variable speed of worktable16Variable speed range of worktabler/min3.2-100Feeding stage number of vertical and side tool post12Feeding range of vertical and side tool postmm/min0.8-86Horizontal travel of vertical tool postmm1300Vertical travel of vertical tool postmm800/1000/1300Horizontal travel of side tool postmm630Vertical travel of side tool postmm900Crossbeam travelmm1050/1250Vertical and side Tool post rapid moving speedmm/min1800	Max. cutting force of side tool post	KN	20
Stage number of variable speed of worktable  Variable speed range of worktable  Feeding stage number of vertical and side tool post  Feeding range of vertical and side tool post  Feeding range of vertical and side tool post  Horizontal travel of vertical tool post  Wertical travel of vertical tool post  Horizontal travel of side tool post  Wertical travel of side tool post  Mm  1050/1250  Vertical and side Tool post rapid moving speed  mm/min  1800	Max. total cutting force	KN	40
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 1300  Vertical travel of vertical tool post mm 800/1000/1300  Horizontal travel of side tool post mm 630  Vertical travel of side tool post mm 900  Crossbeam travel mm 1050/1250  Vertical and side Tool post rapid moving speed mm/min 1800	Max. torque of worktable	KN	32
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 1300  Vertical travel of vertical tool post mm 800/1000/1300  Horizontal travel of side tool post mm 630  Vertical travel of side tool post mm 900  Crossbeam travel mm 1050/1250  Vertical and side Tool post rapid moving speed mm/min 1800	Stage number of variable speed of worktable	16	
Feeding range of vertical and side tool post mm/min 0.8-86  Horizontal travel of vertical tool post mm 1300  Vertical travel of vertical tool post mm 800/1000/1300  Horizontal travel of side tool post mm 630  Vertical travel of side tool post mm 900  Crossbeam travel mm 1050/1250  Vertical and side Tool post rapid moving speed mm/min 1800	Variable speed range of worktable	r/min	3.2-100
Horizontal travel of vertical tool post mm 1300  Vertical travel of vertical tool post mm 800/1000/1300  Horizontal travel of side tool post mm 630  Vertical travel of side tool post mm 900  Crossbeam travel mm 1050/1250  Vertical and side Tool post rapid moving speed mm/min 1800	Feeding stage number of vertical and side tool post	12	
Vertical travel of vertical tool post mm 800/1000/1300  Horizontal travel of side tool post mm 630  Vertical travel of side tool post mm 900  Crossbeam travel mm 1050/1250  Vertical and side Tool post rapid moving speed mm/min 1800	Feeding range of vertical and side tool post	mm/min	0.8-86
Horizontal travel of side tool post mm 630  Vertical travel of side tool post mm 900  Crossbeam travel mm 1050/1250  Vertical and side Tool post rapid moving speed mm/min 1800	Horizontal travel of vertical tool post	mm	1300
Vertical travel of side tool post mm 900  Crossbeam travel mm 1050/1250  Vertical and side Tool post rapid moving speed mm/min 1800	Vertical travel of vertical tool post	mm	800/1000/1300
Crossbeam travel mm 1050/1250  Vertical and side Tool post rapid moving speed mm/min 1800	Horizontal travel of side tool post	mm	630
Vertical and side Tool post rapid moving speed mm/min 1800	Vertical travel of side tool post	mm	900
ran and an arrangement of the contract of the	Crossbeam travel	mm	1050/1250
Max. swivel angle of worktable $_{\circ}$ $\pm 30$	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	3310*3245*4010
Weight of worktable	t.	18/19/21