



CW6180 CW61100 Lathe

Capacities	Unit	CW6180	CW61100
Swing over bed	mm	800	1000
Swing over carriage	mm	480	680
Maximum length of work piece	mm	1000/1500/2000/3000/4000/5000/6000	
Maximum turning length	mm	850/1350/1850/2850/3850/4850/5850	
Width of guide way	mm	600	
Spindle			
Spindle nose code	mm	C11 (C15)	
Diameter of spindle thru hole	mm	100 (140)	
Taper hole of spindle		01:20	
Taper hole of tailstock quill		morse6	
Number of forward turning speeds		18 kinds	
Number of reverse turning speeds		6 kinds	
Spindle speed Forward	r/min	5.5 ~ 750	
Spindle speed Reverse	r/min	10 ~ 775	
Feed motion			
longitudinal and cross		64;0.1~ 24.32	
Cross-to-longitudinal feed rate		½	
Screw pitch of lead screw	mm	12	
Number and range of metric thread		50;1 ~ 240 (mm)	
Number and range of inch thread		26;14 ~ 1 (tooth /inch)	
Number and range of module thread		53;0.5 ~ 120 (mm)	
Number and range of diametrical pitch thread		24 ;28 ~ 1 (tooth / inch)	
Rapid traverse speed of carriage	mm/min	4000	
Tool post			
Distance between spindle center-line and tool resting plane	mm	33	
Size of tool shank	mm	32	
Tool post swing range		±90°	
Max. travel of top slide	mm	200	
Max. travel of cross slide	mm	500	
Tailstock			
Diameter of Tailstock quill	mm	100	
Travel of tailstock quill	mm	250	
Taper hole of tailstock quill		morse6	