



CW61125 CW61140 CW61160 CW61180/1

Main parameters type		CW61125 CW62125	CW61140 CW62140	CW61160 CW62160	CW61180/1 CW62180/1
Swing overbet	mm(in)	1250(50)	1400(56)	1600(64)	1800(72)
Swing overgap	mm(in)	1750(870)	1930(77)	2110(84)	
Swing over carriage	mm(in)	900(36)	1100(44)	1280(51)	1480(59)
Maximum turning length	mm(in)	1500-16000(60-640)			
Maximum weight of workpiece between centers	kg	8000、 10000			
Width of the bed	mm(in)	970(39)			
Spindle noses No.	ISO	A2-15			
Diameter of spindle front bearing	mm(in)	200(8)、 220(8.8)			
Diameter of spindle hole	mm(in)	130(5.2)、 100(4)			
Taper hole of spindle		Metric No.140			
Number of spindle speeds					
Range of spindle speeds	r/min	3.15-315 2.5-250(2-200)			
Main motor power	kw	AC22			
Rapid travelling speed of motor power	kw	1.5			
Section of tool shank	mm(in)	45×45(1.8×1.8)			
Swivel angle of tool post		±90°			
Travel of transvers tool post	mm(in)		200(8)		
Travel of longitudinal tool post		200(8)	400(16)		
travel of cross slide	mm(in)	880(35)			
Rapid travelling speed of longitudinal tool post	mm/min	935			
Rapid travelling speed of transverse	mm/min	1870			
Rapid travelling speed of longitudinal	mm/min	3740			
Metric threads number and range	mm	45、 1-120			
Inch threads number and range	T.P.I.	42、 30-1/4			

Modul threads number and range	mm	46、 0.5-60			
Diameter pitch threads number and range	D.P.	48、 60-0.5			
Longitudinal number and range of feeds	m/rev	97、 0.064-12			
Transverse number and range of feeds	m/rev	97、 0.032-6			
Longitudinal tool post number and range of feeds	m/rev	97、 0.016-3			
Diameter of tailstock quill	mm(in)	160(6.4) 200(8)			
Taper hole of tailstock quill		Metric No.80、 Morse No.6			
Travel of tailstock quill	mm(in)	300(12)			
Weight of the lathe with 3m b.c.	kg	11200	12200	13200	14200
Additional weight par 1m b.c.	kg	1400			
Machine overall dimension(length×width×height) (3m)	mm	6360×2100×2300	6360×1960×2400	6360×2060×2500	6360×2160×2600