



CW61140/1 CW61160/1 CW61180 CW61200 CW61220

Main parameters type		CW61140/1	CW61160/1	CW61180	CW61200	CW61220
Swing overbet	mm(in)	1400(55)	1600(64)	1800(72)	2000(80)	2200(88)
Swing overgap	mm(in)	v11\				
Swing over carriage	mm(in)	1000(40)	1200(48)	1400(58)	1600(64)	1800(72)
Maximum turning length	mm(in)	1500-16000(60-640)				
Maximum weight of workpiece between centers	kg	15000、18000		18000		
Width of the bed	mm(in)	1100(44)				
Spindle noses No.	ISO	A2-20				
Diameter of spindle front bearing	mm(in)	240(9.6) 280(11)				
Diameter of spindle hole	mm(in)	100(4)				
Taper hole of spindle		140:1:7				
Number of spindle speeds		手动3档 (Manual operating)				
Range of spindle speeds	r/min	1-125				
Main motor power	kw	DC49(变频)				

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		400(16)
travel of cross slide	mm(in)	880(33)/920(36)
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)	240(9.6) 280(11)				
Taper hole of tailstock quill		80;1:7				
Travel of tailstock quill	mm(in)	300(12)				
Weight of the lathe with 3m b.c.	kg	16000	18000	22000	28000	32000
Additional weight par 1m b.c.	kg	22000				