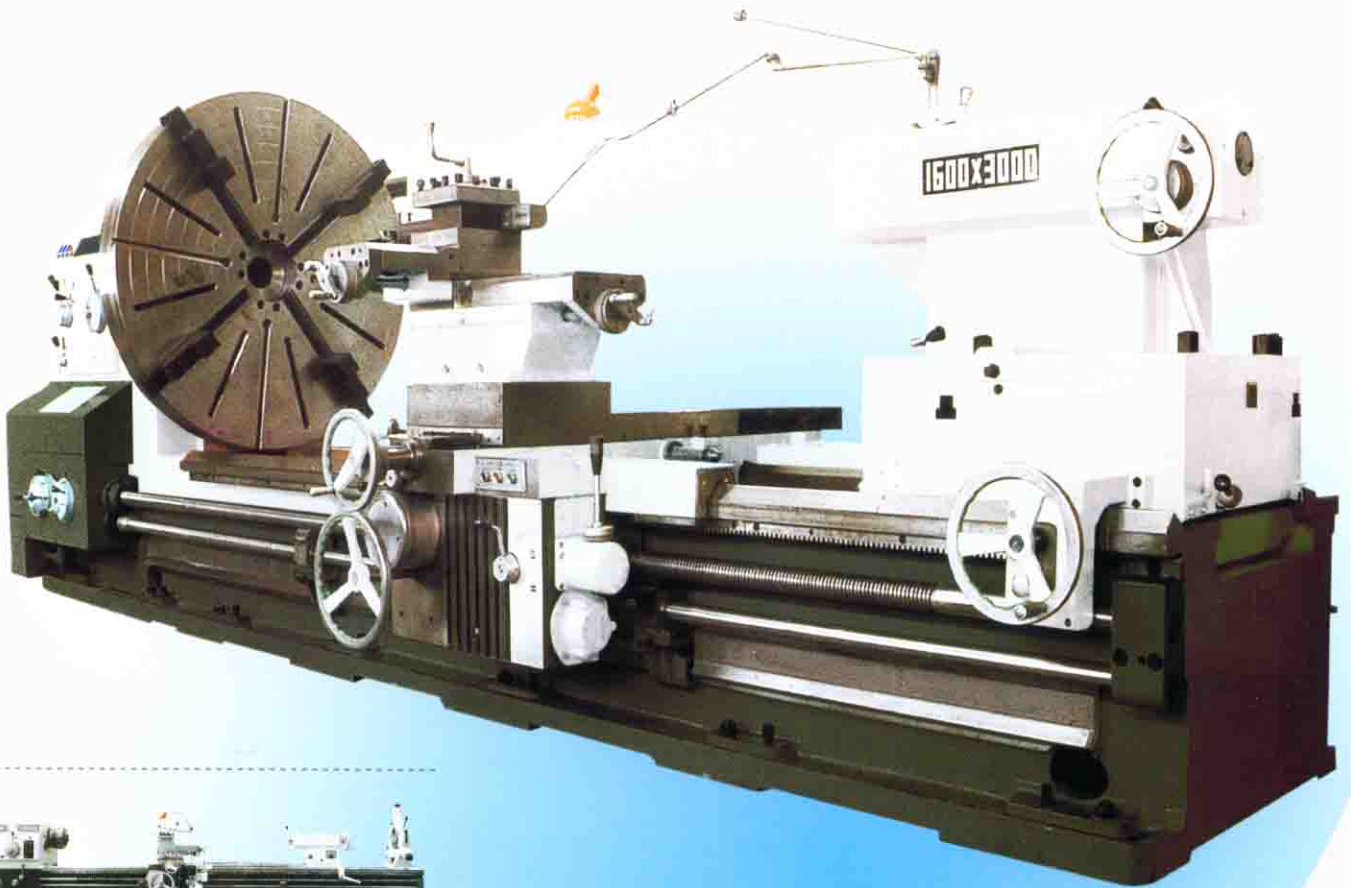


# CONVENTIONAL LATHE

## CW SERIES



# CONVENTIONAL LATHE CW SERIES

Item \ Model	CW6163B	CW6263B	CW6180B	CW6280B	CW6193B	CW6293B	CW61110B	CW62110B	CW61100B	CW61125B	CW61160	CW61200
	CW6163C	CW6263C	CW6180C	CW6280C	CW6193C	CW6293C	CW61110C	CW62110C				
Swing dia over bed mm	630		800		930		1100		1000	1250	1600	2000
Swing dia over carriage mm	350		480		650		800		610	865	1200	1580
Swing dia over gap / width of gap mm	----	800/300	----	1000/300	----	1100/300	----	1300/300	----	----	----	----
Max workpiece length mm	750, 1500, 3000, 4000, 5000, 6000-14000 (750 only for dia 630 lathe)								1500, 3000, 5000, 6000-15000 (1500 only for CW61100B/CW61125B)			
Width of bed / hardness mm	550 / RC52		600 / RC52		550 / RC52		600 / RC52		750 / RC52		1100 / RC52	
Distance between spindle center and flat bed mm	315		400		465		550		500	625	800	1000
Spindle speed rpm	7.5 - 1000		5.4 - 720		6 - 800		4.8 - 640		3.15 - 315		2 - 200	
Steps of spindle speed	18 steps								21 steps			
Range of threads	Metric 1-240mm, Module 0.5-120mm, Whitworth 1-14TPI, Diametral pitch 1-28D.P.								Metric 1 - 120mm, Module 0.5 - 60mm, Whitworth 1/4 - 24TPI, Diametral pitch 1/2 56D.P.			
Spindle bore and nose mm	B type: 104 / D-11; C type: 130 / D-11								130 / A-15			
Longitudinal feed mm/r	0.05 - 24.3								0.1-12			
Pitch and dia of leadscrew	12 / 55								12 / 70			
Travel of lower slide / top slide mm	315 / 200		500 / 200		315 / 200		500 / 200		520 / 300		960/200	1010/200
Travel of mid slide mm	---		---		---		---		---		300	
Swiveling angle of lower slide	± 90°											
Travel of tailstock quill mm	250								300			
Dia of tailstock quill mm	100								160		180	
Taper of tailstock quill	Morse No. 5								Morse No. 6		Metric 80	
Net weight of machine (for 3-m bed) kg	4700		5500		5300		6150		10700	11900	17900	18500
Main motor kw	11 kw		11 kw (standard) 15 kw (optional)		11 kw		11 kw (standard) 15 kw (optional)		22 kw			

Standard accessories: 3-jaw chuck, steady rest, follow rest, center and center sleeve, 4-jaw chuck and face plate are just for gap type lathes.

Optional accessories: Medium-sized live center, thread cutting dial, large steady rest, DRO, chuck cover, adjustable pads.

Taper turning attachment available for lathe with dia 630, 800, 930, 1110 mm. Roller support for CW61 100B/125B/160/200.

Remarks: The spindle speeds for CW61100B and CW61125B longer than 10m are suggested as 2-200rpm.