

CW6163A - CW6280A

PRODUCT FEATURES:

- Guide way surfaces and gears in headstock are supersonic frequency hardened for long service life and lower noise.
- The spindle system is high in rigidity and accuracy.
- Rapid feed structure is available on apron.
- Chuck in headstock makes the lathe start smoothly and brake quickly.
- Gear grooves are available on bed to prevent tailstock from retreating.

SPECIFICATIONS:

ITEMS	CW6163A/CW6263A	CW6180A/CW6280A
Max. swing over bed	Ø630 mm	Ø800 mm
Max. swing over carriage	Ø370 mm	Ø510 mm
* Max. swing over gap	Ø830 mm	Ø1000 mm
Width of bed	560 mm	
*Effective length of gap	310 mm	
Max. length of work piece(two centers)	1000/1500/2000/3000/4000 mm	
Max. turning length	650/1150/1650/2650/3650 mm	
Max. Weight of work piece(between centers)	2000kg	
Spindle nose	D11	
Spindle bore	Ø105 mm	
Cone hole diameter and taper of spindle hole	Metric Ø120 1 : 20	
Number of speeds	18	
Spindle speed scope	7.5~1000 r/min	
Pitch of longitudinal ball screw/diameter	12 mm/ Ø55	
Number of longitudinal feeds	64	
Range of longitudinal feeds (1 : 1)	0.1~1.52 r/min	
Range of longitudinal feeds (16 : 1)	1.6~24.3 r/min	
Number of cross feeds	64	
Range of cross feeds	half of longitudinal feeds	
Rapid traverse for longitudinal	4000 mm/min	
Rapid traverse for cross	2000 mm/min	
Thread cutting & range/no. for Metric pitch threads	1~240 mm/50	
Thread cutting & range/no. for Whit-worth pitch threads	14~1 TPI/26	
Thread cutting & range/no. for Module threads	0.5~120 mm/53	

Thread cutting & range/no. for D.P. threads	28~1 DP/24	
Vertical distance from spindle center to installing basis	33 mm	
Size of tool shank	32x32 mm	
Max. travel of cross slide	440 mm	480 mm
Swing angle of tool post	±90°	
Max. travel of top slide	200 mm	
Tailstock taper of bore	M.T.NO.6	
Tailstock sleeve travel	230 mm	
Tailstock sleeve dia.	Ø100 mm	
Power of main motor	11KW	
Rapid feed motor power	1.1KW	
Power of cooling pump	90W	
3m Overall dimensions(LxWxH)	3275/3725/4225/5225/6275x1393x1537mm	
Net weight(3m)	3400/3700/4200/4700/5800kg	3600/3900/4400/4900/6000kg
Note : The items with "*" are only for 62 series.		

Standard accessories:

- Ø 325 3jaw chuck
- Face Plate
- Morse reduction Metric 120 /M.T.NO.5
- Centers M.T.NO.5
- Wrenches
- Operation manual

Extra accessories

- Ø 500 4jaw chuck
- Follow rest
- Steady rest