



## C6246/1000 Lathe machine

**Feature:**

· Precision ground and supersonic frequency hardened bed ways is designed in double wall structure, giving super rigidity. The spindle system is high in rigidity and accuracy. The design of the main drive is optimized and the gears in the headstock are precision ground. The noise of the machine is low. · There is no need for change gears. The machine can turn about 200 kinds of metric, whitworth, module and D.P. threads. An automatic stopping device is used to realize automatic stop for the machine of a certain length workpiece, which is safe and reliable pedal braking device providing quick and effective stop while operating.

### HIGH PRECISION & HEAVY DUTY INDUSTRIAL LATHE

Model	C6241×1000	C6241×1500	C6246×1000	C6246×1500
Max.swing over bed	Φ410mm (16")		Φ460mm(18")	
Max.swing over cross slide	Φ224mm(8 13/16")		Φ274mm(10 3/4")	
Max. swing over gap	Φ640mm(25 1/8")		Φ690mm(27 1/8")	
Length of gap	155mm(6 1/8")			
Max.length of workpiece	1000mm(40")/1500mm(60")			
Width of bed	300mm(11 13/16")			
Spindle nose	D1-6			
Spindle bore	Φ58mm(2-1/4")			
Taper of spindle bore	M.T.#6			
Range of spindle speed	12changes25-2000r/min			
Max.travel of compound rest	120mm(4 3/4")			
Max.travel of cross slide	290mm(11 3/8")			
Leadscrew pitch	metric 6mm			
Max.section of tool	25mm×25mm(1×1")			
Range of longitudinal feeds	42kinds 0.031-1.7mm/rev (0.0011"-0.0633"/rev)			

Range of cross feeds	42kinds 0.014-0.784mm/rev (0.00033"-0.01837"/rev)	
Metric threads range	41kinds 0.1-14mm	
Inch threads range	60kinds 2-112 T.P.I.	
Diametrical pitches range	50kinds 4-112D.P.	
Module pitches rang	34kinds 0.1-7 M.P.	
Dia. of tailstock sleeve	60mm(2 5/16")	
Travel of tailstock sleeve	120mm(4 3/4")	
Morse taper of tailstock sleeve	M.T.#4	
Power of main motor	4kw(5.4HP),optional 5.5kw(7.5HP)3PH	
Power of coolant pump	40w	
<b>Standard Accessories :</b>	<b>Optional Accessories :</b>	
·3 Jaw Chuck	·Taper Turning Attachment	
·Change Gears Set	·Live Center	
·Chasing Dial Indicator	Work Light	
·Reduction Sleeve	Leadscrew Guard	
·Dead Centers	Digital Readout	
Full Length Splash Guard	Quick Change Tool Post	
Coolant System	Chuck Guard	
Brake System	Digital Readout(2 Axis)	
4 Jaw Chuck	Drill Chuck+Drill Arbor	
Face Plate		
Steady Rest		
Follow Rest		
Tool Box&Tools		