



C6241ZX C6246ZX Engine Lathe

FEATURE:

- *Induction hardened, precision ground V-way bed.*
- *D1-8 spindle is supported by two high quality tapered roller bearing and one ball bearing.*
- *Hardened, precision ground, chrome molybdenum gears in headstock.*
- *80mm spindle bore gets high in rigidity and accuracy.*
- *Universal gearbox allows inch, metric, diametral, and module pitch threads without changing gears.*
- *Five position automatic carriage stop.*
- *Special braking device work quickly and effectively.*
- *One-piece casting iron base allows heavier cuts.*
- *Tolerance test certificate, test flow chart included.*

Model No.	C6241ZX	C6246ZX
Distance between centers	750/1000/1500 mm	750/1000/1500/2000 mm
Swing over bed	410 mm	460 mm
Swing over gap	660 mm	700 mm
Swing over cross slide	250 mm	290 mm
Bed width	336 mm	336 mm
Taper of spindle bore	MT7	MT7
Spindle nose	D1-8	D1-8
Spindle bore	80 mm	80 mm
Step of spindle speeds	12	12
Range of spindle speeds	42-1800 rpm / 25-1800 rpm	
Range of cross feeds	0.03~1.23 mm/r	0.03~1.23 mm/r
Range of longitudinal feeds	0.04~2.46 mm/r	0.04~2.46 mm/r
Range of inch threads	1-5/8-72 T.P./61	1-5/8-72 T.P./61
Range of metric threads	0.5~20 mm/24	0.5~20 mm/24
Range of modular threads	0.25-10 M.P/20	0.25-10 M.P/20
Range of diametrical threads	3-1/4-96 D. P/45	3-1/4-96 D.P/45
Top slide travel	100 mm	100 mm

Cross slide travel	230 mm	230 mm
Tailstock quill travel	130 mm	130 mm
Tailstock quill diameter	75 mm	75 mm
Taper of tailstock quill	MT4	MT5
Main motor	5.5 kw	5.5 kw
Packing size	(2310/2810/3320)x1140x1640 mm	
Net weight	(2485/2630/2775) kg	(2635/2835/3055/3285) kg

Standard Accessories	Optional Accessories
3-jaw chuck (250mm)	Quick change tool post
4-jaw chuck (320mm)	Turning tools
Face plate (405mm)	Leadscrew cover
Steady rest	Chuck guard
Follow rest	Tool post cover
Splash guard	Digital readout system
One piece casting stand	Taper turning attachment
Halogen work lamp	
Toolbox & tools	
Coolant system	
Foot brake	
Five position carriage stop	