

C-Turn 270/1500 · 21x60" Engine Lathe

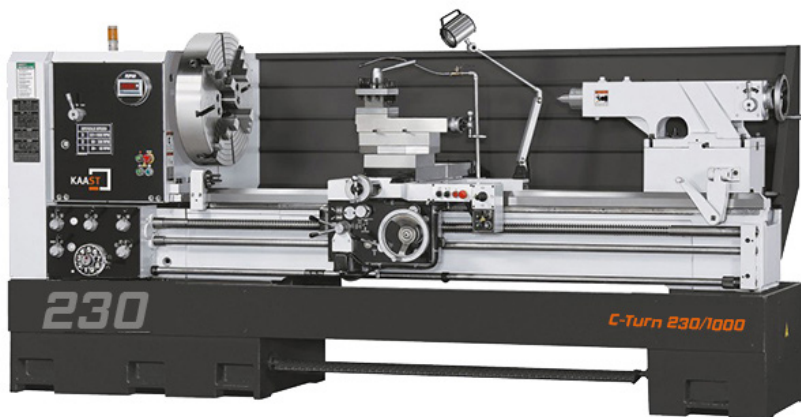


The C-Turn series Manual Engine Lathes feature hardened, precision-ground guideways, exceptionally low noise, and a universal gearbox. These allows for cutting metric, Whitworth, module, and diametral threads down to the most precise measurements with no need to change gears.

The entire structure of the C-Turn series lathes is carefully designed for maximum stability when performing heavy precision cutting. The massive bed is a box type construction combined with extra wide bed ways, providing increased rigidity and stability. The bed and stand are manufactured from high quality cast iron and annealed to relieve internal residual stress. The bed ways are high-frequency heat treated and precision ground which can avoid vibration and tool chattering during performing heavy-duty machining.

Standard Configuration:

- 3-axis digital readout
- 4-post toolholder
- Work light
- Coolant system
- Backsplash guard
- Chuck guard
- Footbrake
- Tool kit



Specifications		
Swing over bed	Ø540 mm (21")	
Swing over gap	Ø720 mm (28")	
Swing over carriage	Ø360 mm (14")	
Distance between centers	1500 mm (59")	
Chuck mount	D1-8	
Spindle bore diameter	Ø85 mm (3")	
Speeds	12 Steps	25-1545 rpm
	Inverter	27-2250 rpm
Bed width	350 mm (13.5")	
Axis travel: X	330 mm (12.8")	
Toolholder travel: Z	150 mm (5.8")	
Threading	Inches	(36) 4-56 TPI
	Metric	(24) 0.5-7 mm/pitch
	Diametral	(36) 8-112 D.P.
	Module	(16) 0.25-3.5 M.P.
Feed	Z	0.06-0.88 mm/rev (0.002-0.034"/rev)
	X	0.03-0.44 mm/rev (0.001-0.017"/rev)
Tailstock quill diameter	Ø75 mm (2.9")	
Tailstock quill travel	170 mm (6.6")	
Tailstock quill taper	MT5	
Main spindle motor	7.5 kW (10 Hp)	
Weight	2700 kg (5940 lbs)	

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