

# C-Turn CNC 230/1000 · 18x40" Tool Room Lathe



## C-Turn CNC 230/1000 Engine

Featuring a headstock manufactured with heavily ribbed casting to provide smooth and quiet turning, the C-Turn CNC Teach Style Lathes feature gears and shafts precisely hardened and ground for their best performance. The large spindle bore is precision machined and ground from a large one-piece forging. The beds of these lathes are made of high grade Meehanite cast iron with maximum stability to absorb cutting forces and dampen vibrations. The bedways are also hardened and precision ground (HRC 55-60). All slide ways and drive elements automatically lubricated and the undersides of the saddle as well as cross slide coated with Turcite-B, to ensure accuracy and long life of the machine. The CNC control system is the FAGOR 8055-TC which features a conversational graphic interface requiring no need for previous knowledge of standard CNC programming or G-code background. Electronic hand-wheels can be used for manual operation with a simple and easy DRO mode. The lathes come with a full range of automatic & profiling cycles for quick conversational programming, a graphic display of tool paths, and a built in Tool Library for tool management.



### Standard Configuration:

- Fagor 8055i/A TC Control
- Electronic hand-wheels for manual operation
- Full range of automatic cycles
- Integrated PLC & ISO (G-code)
- RS-232 Port & DNC Channels
- Center sleeve / Center
- Leveling bolts / Pads
- Automatic speed change
- Work light

### Specifications

Swing over bed	Ø460 mm (18")	
Swing over carriage	Ø230 mm (9")	
Distance between centers	1000 mm (40")	
Spindle bore	56 mm (2")	
Spindle speed	33-3100 rpm	
Spindle nose	D1-6	
Travels	Z-axis	810 mm (32")
	X-axis	280 mm (11")
Ball Screw (Diameter X/Z)	X: 25 mm; Z: 40 mm (1; 1.6")	
Tailstock travel	170 mm (6.7")	
Tailstock diameter	75 mm (3")	
Taper tailstock	MT#5	
Spindle motor	7.5 kW (10 HP) This machine	
Rapid travels	Z-axis	7 m/min (275"/min)
	X-axis	5 m/min (197"/min)
Weight	2900 kg (6,390 lbs)	

**From \$1100\*/month!**

\*Based on 60 month lease. Rates subject to change without notice.