KAAST

C-Turn CNC

230 | 270

CNC Teach-Style Lathe 18x40'' to 21x80''

This lathe offers easy manual operation for radial turning, chamfering, tapering, facing, and grooving, supported by **tool radius** and **geometry compensation** for enhanced accuracy. It features an **internal digital readout** and a user-friendly teach-in mode, along with **semi automatic, automatic (cycle)**, and **part program modes** to suit various machining needs. Additional capabilities include **automatic acceleration and deceleration**, **rapid traverse**, **self-diagnostic routines**, and automatic home searching for streamlined and efficient operation.

AUTOMATIC LUBRICATION

The slide ways and drive elements are automatically lubricated. The undersides of the saddle as well as cross slide are coated with Turcite-B to ensure accuracy and smoot movement.

LARGE SPINDLE BORE

The main spindle is precision-machined from large one-piece forging, with optional larger bore sizes (6”, 9”, 12”, 14”) and a double chuck system available.

C-Turn CNC			230/1000	230/1500	230/2000	270/1000	270/1500	270/2000
			18” x 40”	18” x 60”	18” x 80”	21” x 40”	21” x 60”	21” x 80”
Swing over Bed		mm	460 (18”)			540 (21”)		
Swing over Carriage		mm	230 (9”)			310 (12”)		
Center-to-Center Distance		mm	1000 (40”)	1500 (60”)	2000 (80”)	1000 (40”)	1500 (60”)	2000 (80”)
Spindle Bore		mm	56 (2”)			Ø85 (3”) [Opt. Ø105 (4”)]		
Spindle Speed		rpm	33-3100			27-2250 [Opt. 20-1500]		
Spindle Nose			D1-6			D1-8 [Opt. A2-11]		
Travels	Z-Axis	mm	810 (32”)	1310 (52”)	1810 (71”)	810 (32”)	1310 (52”)	1810 (71”)
	X-Axis	mm	280 (11”)			350 (14”)		
Ball Screw (Diameter X/Z)		mm	X: 25, Z: 40 (1, 1.6”)			X: 25, Z: 40 (1, 1.6”)		
Tailstock Travel		mm	170 (6.7”)			170 (6.7”)		
Tailstock Diameter		mm	75 (3”)			75 (3”)		
Taper Tailstock			MT5			MT5		
Spindle Motor		kw	5.6 (7.5 Hp) [Opt. 7.5 (10 Hp)]			7.5 (10 Hp) [Opt. 11.2 (15 Hp)]		
Z-Axis Rapid Travel		m/min	7 (275”/min)			7 (275”/min)		
X-Axis Rapid Travel		m/min	5 (197”/min)			5 (197”/min)		
Weight		kg	2900 (6,390 lbs)	3200 (7,050 lbs)	3500 (7,720 lbs)	3100 (6,830 lbs)	3400 (7,500 lbs)	3700 (8,160 lbs)
Item No.			1610519	1610520	1610521	1610522	1610523	1610524

*The above specifications are subject to change without prior notice. No liability for printing mistakes. Machine may be shown with optional equipment.