KAAST

C-Turn

220 | 230

Manual Engine Lathe, 17x30'' to 18x80''

STANDARD CONFIGURATION

- 3-Axis Digital Readout (DRO)
- 4-Post Toolholder
- 3-Jaw Chuck
- Coolant System
- Backsplash Guard and Chuck Guard
- Footbrake
- Tool Kit and Work Light

OPTIONAL CONFIGURATION

- Larger Bore
- Spindle Motor with Extra Power
- 3-Jaw or 4-Jaw Chuck (Various Sizes)
- Faceplate (Various Sizes)
- Follow or Steady Rest
- Taper Attachment
- Quick-Change Toolholder
- 5-Position Travel Stop
- Micrometer Stop
- Rapid Traverse
- Infinitely Variable Speed Control
- Constant Cutting Speed

The C-Turn **all-gear headstock** offers a broad range of spindle speeds, with gears machined from chrome molybdenum alloy steel (**SCM-21**), then **carburized** and **precision ground** for smooth, quiet operation. The **tailstock** is built for strength and easy positioning along the bed—ideal for precision turning and drilling—with a hardened, **precision-ground quill** that's graduated in both **inch and metric** scales.

C-Turn			220/750	220/1000	230/1000	230/1500	230/2000
			17" x 30"	17" x 40"	18" x 40"	18" x 60"	18" x 80"
Swing over Bed		mm	Ø440 (17.3")		Ø460 (17.9")		
Swing over Gap		mm	Ø630 (24.8")		Ø640 (25")		
Swing over Carriage		mm	Ø285 (11.22")		Ø290 (11.4")		
Distance Between Centers		mm	750 (29.5")	1000 (39")	1000 (39")	1500 (59")	2000 (78")
Chuck Mount			A1-6		D1–6		
Spindle Bore Diameter		mm	Ø56 (2.2")				
Speeds	18 Steps	rpm	20~2000 (12 Steps)		39–2800		
	Variable (Opt)	rpm	H: 22~2500, L: 22~214		33–3100		
Bed Width		mm	300 (11.8")		350 (13.5")		
X-Axis Travel		mm	250 (9.8")		280 (11")		
Toolholder Travel: Z[1]		mm	120 (4.72")				
Threading	Inches	TPI	(36) 4-56				
	Metric	mm/pitch	(24) 0.5-7				
	Diametral	P	(36) 8-112 D.P.				
	Module	M	(16) 0.25-3.5 M.P.				
Feed	Z	mm/rev	0.06-0.88 (0.002-0.034"/rev)				
	X	mm/rev	0.03-0.44 (0.001-0.017"/rev)				
Tailstock Quill Diameter		mm	Ø58 (2.28")		Ø75 (2.9")		
Tailstock Quill Travel		mm	150 (5.9")		170 (6.6")		
Tailstock Quill Taper			MT4		MT5		
Main Spindle Motor		kW	5 (7.5 Hp)		5.5 (7.5 Hp) [Opt.7.5 (10 Hp)]		
Weight		kg	1650 (3,630 lbs)	1800 (3,960 lbs)	2000 (4,400 lbs)	2300 (5,060 lbs)	2600 (5,720 lbs)
Item No.			**1611075**	**1612075**	**1610075**	**1610076**	**1610077**
Item No. [V-Model]			**1611175**	**1612275**	**1610078**	**1610079**	**1610080**

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