



Available with stepless spindle speed & Constant Surface Speed (CSS) feature up to 3100 rpm

Complete with 3-axis digital readout

Technical specifications		C-Turn 230		
		1000	1500	2000
Center height		230 mm (9")		
Swing over bed		Ø460 mm (17.9")		
Swing over gap		Ø640 mm (25")		
Swing over carriage		Ø290 mm (11")		
Center-to-center distance		1000 mm (39")	1500 mm (58.5")	2000 mm (78")
Spindle nose		D1-6		
Spindle bore		Ø56 mm (2.1")		
Spindle speed range 18 steps:		(18) 39-2800 rpm		
Machine bed width		350 mm (13.5")		
Toolholder dimensions		20x20; L 110 mm (0.75x0.75" / 4.2")		
X-axis travel		280 mm (11")		
Toolholder travel Z ₁		130 mm (5")		
Whitworth		(36) 4-56 TPI		
Metric		(24) 0.5-7 mm		
Diametral		(36) 8-112 D.P.		
Module		(16) 0.25-3.5 M.P.		
Feeds:	Z	0.06-0.88 mm/rev (0.002-0.034"/rev)		
	X	0.03-0.44 mm/rev (0.001-0.017"/rev)		
Quill diameter		Ø75 mm (2.9")		
Tailstock quill travel		170 mm (6.6")		
Quill taper		MT 5		
Main spindle motor		5.5 kW (Option: 7.5 kW) (7.5 Hp Option: 10 Hp)		
Coolant supply		0.1 kW (0.15 Hp)		
Weight net.		2000 kg (4,440 lbs)	2300 kg (5,060 lbs)	2600 kg (5,720 lbs)
Item-No.		1610075	1610076	1610077
Item-No. (V-Model)		1610078	1610079	1610080

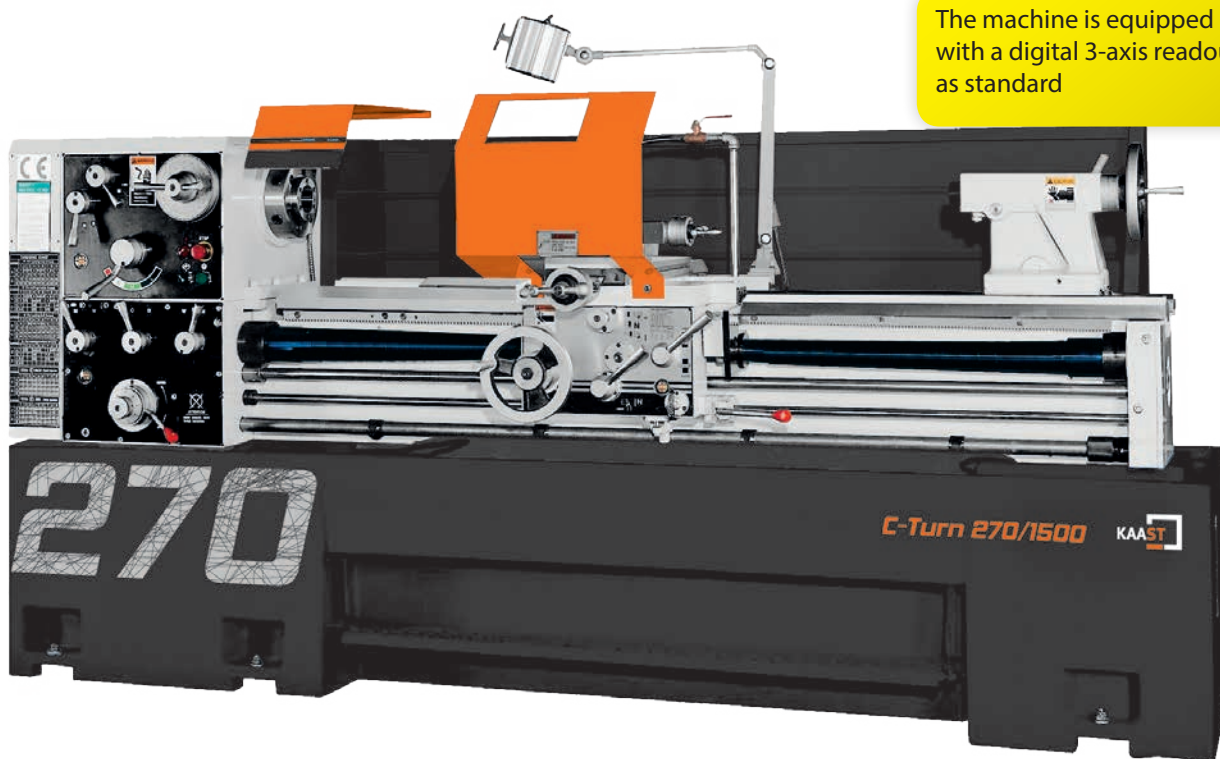
- Guideways are hardened and precision-ground
- Exceptionally low noise
- Universal type gearbox allowing for cutting metric, Whitworth, module and diametral threads with no need to change gears
- The feed handwheel can be ordered (left or right) in accordance to the needs of the operator
- Rapid traverse

Standard configuration:

- ✓ 3-axis digital readout
- ✓ 4-post toolholder
- ✓ 3-jaw chuck
- ✓ Working area illumination
- ✓ Coolant supply system
- ✓ Backsplash guard
- ✓ Chuck guard
- ✓ Footbrake
- ✓ Auxiliary service tools
- ✓ Operation manual

Optional configuration:

- Larger bore
- Spindle motor with extra power
- 3-jaw chuck (various sizes)
- 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 and constant cutting speed



The machine is equipped with a digital 3-axis readout as standard

Technical specifications	C-Turn 270				Technical specifications	C-Turn 270			
	1000	1500	2000	3000		1000	1500	2000	3000
Center height	270 mm (11")				Metric	(24) 0.5-7 mm (0.02-0.27")			
Swing over bed	Ø540 mm (21")				Diametral	(36) 8-112 DP			
Swing over gap	Ø680 mm (26.5")				Module	(16) 0.25-3.5 M.P.			
Swing over carriage	Ø360 mm (14")				Feeds	Z	0.06-0.88 mm/rev (0.002-0.034"/rev)		
Center-to-center distance	1000 mm (39")	1500 mm (58.5")	2000 mm (78")	3000 mm (117")		X	0.03-0.44 mm/rev (0.001-0.017"/rev)		
Spindle nose	D1-8 (Option: A2-11)				Quill diameter	Ø75 mm (2.9")			
Spindle bore	Ø85 mm (3.3") (Option: Ø105 mm (4"))				Tailstock quill travel	170 mm (6.6")			
Spindle speed range (steps):	25-1545 rpm		23-1293 rpm		Quill taper	MT 5			
Machine bed width	350 mm (13.5")				Main spindle motor	7.5 kW (Option: 11 kW) (10 Hp Option: 15 Hp)			
Toolholder dimensions	25x25; L 125 mm (1x1"; 4.8")				Coolant supply	0.1 kW (0.15 Hp)			
X-axis travel	330 mm (12.8")				Weight net.	2400 kg (5,280 lbs)	2700 kg (5,940 lbs)	3100 kg (6,820 lbs)	3200 kg (7,040 lbs)
Toolholder travel Z ₁	150 mm (5.8")				Item-No.	1610081	1610082	1610083	1610084
Whitworth	(36) 4-56 TPI				Item-No. (V-Model)	1610085	1610086	1610087	1610088

Technical specifications	C-Turn 315				Technical specifications	C-Turn 315			
	1000	1500	2000	3000		1000	1500	2000	3000
Center height	315 mm (12")				Metric	(24) 0.5-7 mm			
Swing over bed	Ø630 mm (24")				Diametral	(36) 8-112 D.P.			
Swing over gap	Ø770 mm (30")				Module	(16) 0.25-3.5 M.P.			
Swing over carriage	Ø450 mm (17.5")				Feeds	Z	0.06-0.88 mm/rev (0.002-0.034"/rev)		
Center-to-center distance	1000 mm (39")	1500 mm (58.5")	2000 mm (78")	3000 mm (117")		X	0.03-0.44 mm/rev (0.001-0.017"/rev)		
Spindle nose	D1-8 (Option: A2-11)				Quill diameter	Ø75 mm (2.9")			
Spindle bore	Ø85 mm (3.3") (Option: Ø105 or Ø153 mm (4" or 6")				Tailstock quill travel	170 mm (6.6")			
Spindle speed range (steps):	18 Steps 25–1545 rpm	18 steps 23–1293 rpm	18 steps 15–840 rpm		Quill taper	MT 5			
Machine bed width					350 mm (13.5")				
Toolholder dimensions	25x25; L 125 mm (1x1"; 4.8")				Main spindle motor	7.5 kW (10 Hp) (Option: 11 kW (15 Hp))			
X-axis travel	330 mm (12.8")				Coolant supply	0.1 kW (0.15 Hp)			
Toolholder travel Z ₁	150 mm (5.85")				Weight net	2550 kg (5,610 lbs)	2850 kg (6,270 lbs)	3250 kg (7,150 lbs)	3550 kg (7,810 lbs)
Whitworth	(36) 4-56 TPI				Item-No.	1610089	1610090	1610091	1610092
					Item-No. (V-Model)	1610093	1610094	1610095	1610096

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