KAAST

U-Turn CNC

265 | 325

High Speed Performance CNC Slant Bed Lathe

STANDARD CONFIGURATION

- FANUC 0i-TF Controller
- 3-Jaw Hydraulic Chuck
- Soft Jaws & Hard Jaws (One Set Each)
- Full Enclosed Splash Guard
- Electrical Cabinet Heat Exchanger
- Chip Conveyor and Chip Cart
- Hydraulic, Coolant & Auto Lubrication System
- Leveling Bolts and Pads
- Tool Kit and Work Light

OPTIONAL CONFIGURATION

- Hydraulic Steady Rest
- Collet Chuck & Collets
- Auto Tool Length Measurement
- Parts Catcher
- Bar Feeder
- Programmable Tailstock
- Oil Mist Collector
- Oil-Coolant Skimmer
- Electrical Box Air Conditioner

The U-Turn is an efficient solution for high-speed turning applications, featuring **linear guideways** on the X and Z-Axes and a **rapid traverse rate** of **30 m/min** (1,200"/min). The **30° slant bed** structure enhances its stability and accuracy, making it perfect for precision machining tasks.

U-Turn CNC		265/400	265/600	325/600	325/1000
		20" x 15.75"	20" x 23.5"	25" x 23.5"	25" x 39"
Swing over Bed	mm	530 (21")		650 (25.6")	
Swing over Cross Slide	mm	300 (11.8")		450 (17.7")	
Max. Machining Diameter	mm	370 (14.5")		450 (17.7")	
Max. Machining Length	mm	400 (17.5")	600 (23.6")		1000 (39.3")
Chuck Size	inch	6	8	10	
Spindle Nose		A2-5	A2-6	A2-8	
Max. Spindle Speed	rpm	6000	4500	3500	
Spindle Bore Diameter	mm	56 (2.2")	66 (2.6")	92.2 (3.6")	
Spindle Motor Power	kW	11 (15 Hp)		15 (20 Hp)	
Bar Capacity	mm	44 (1.73")	51 (2")	77 (3")	
Z-Axis Travel	mm	400 (15.75")	1250 (49.2")	1750 (68.9")	2250 (88.6")
X-Axis Travel	mm	185+15 (7.28+0.59")		225+20 (8.9+0.8")	
Rapid Feed X/Y-Axis	m/min	30 (1,200"/min)			
Turret					
Number of Tools	#	12			
Max. Tool OD	mm	20 (0.78")		25 (1")	
Boring Bar ID	mm	32 (1.25")		40 (1.57")	
Tailstock					
Tailstock Travel	mm	350 (13.7")	550 (21.65")		950 (37.4")
Tailstock Quill Diameter	mm	75 (3")			
Tailstock Quill Stroke	mm	75 (3")			
Tailstock Taper		MT4			
Dimensions (L/W/H)	mm	2240x1700x2020 (88x67x80")	2300x1700x2020 (91x67x80")	2800x2050x2250 (111x81x89")	3200x2050x2250 (126x81x89")
Weight	kg	2300 (5,060 lbs)	2500 (5,500 lbs)	3600 (7,920 lbs)	3900 (8,580 lbs)
Item No.		1630021	1630022	1630023	1630024

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