KAAST

A-Turn CNC

375

CNC Slant Bed Lathe with Boxways 29x28" to 29x122"

This one-piece **Meehanite slant-bed lathe** offers exceptional stability and rigidity with a low center of gravity. Its f**lex-resistant**, **shock-absorbing headstock** is heat-treated and annealed twice to reach **HRC53 hardness**, allowing for heavy cuts with consistent precision. The spindle is supported by **two roller bearings** and an angular ball bearing for smooth, reliable performance. Optional **Live-Tools** provide added flexibility with up to **11 kW (15 HP)** of power.

STANDARD CONFIGURATION

- FANUC 0i-TF Controller
- 8.4" Color LCD Monitor
- 3-Jaw Hydraulic Chuck
- Hydraulic Turret and Tool Holders
- Registered Part Program #s: 400 sets
- Part Program Size: 640 m
- RS-232 Interface
- Electric Cabinet Heat Exchanger
- Coolant System
- Full-Enclosed Z-Axis Way Cover (375)
- Full-Enclosed X/Z-Axis Way Cover (450 & 500)
- Automatic Lubrication System
- Three-Color Warning Light
- Standard Soft Jaw and Hard Jaw
- Chip Conveyor & Chip Cart
- Programmable Tailstock
- Tool Kit

A-Turn CNC			375/700	375/1200	375/1650	375/2150	375/3100
			29" x 28"	29" x 47"	29" x 65"	29" x 85"	29" x 122"
Controller			FANUC 0i-TF				
Swing over Bed		mm	750 (29.5")				
Swing over Carriage		mm	600 (23.6")				
Max. Cutting Diameter		mm	550 (21.7")				
Max. Cutting Length		mm	700 (28")	1200 (47")	1650 (65")	2150 (85")	3100 (122")
Spindle Nose		ASA	A2-8 [Opt. A2-11, A2-15]				
Chuck Diameter		inch	12 [Opt. 15, 18]		12 [Opt. 15, 20]		
Spindle Bore Diameter		mm	101 (4") [Opt. 116 (4.6"), 181 (7.1")]				
Speed		rpm	2700 [Opt. 2000, 1500]				
Spindle Motor Power		kW	18.5 (25 Hp) [Opt. 22 (30 Hp)]		22 (30 Hp) [Opt. 37 (50 Hp)]		
Travels	Z-Axis	mm	750 (30")	1250 (49")	1750 (69")	2250 (89")	3182 (125")
	X-Axis	mm	275 + 30 (10.8"+1.2")				
Rapid Traverse	Z-Axis	m/min	20 (787"/min)			15 (630"/min)	10 (394"/min)
	X-Axis	m/min	20 (787"/min)				
Turret							**Live Tool Optional
Number of Tools		#	12				
Square Tool Size		mm	32 (1.26")				
Round Tool Size		mm	50 (1.97")				
Rotary Tool Power**		kW	7 (10 Hp)				
Rotary Tool Speed**		rpm	3000				
Tailstock							
Quill Travel		mm	120 (4.7")				
Quill Diameter		mm	120 (4.7")				
Quill Taper			MT6				
Dimensions (L/W/H)		mm	3000x1800x2300 (118x71x91")	3600x1800x2300 (142x71x91")	6100x2300x2300 (240x91x91")	6400x2300x2300 (252x91x91")	7900x2300x2300 (311x91x91")
Weight		kg	6500 (14,330 lbs)	8000 (17,640 lbs)	9500 (20,900 lbs)	10500 (23,100 lbs)	12000 (26,400 lbs)
Item No.			**1610600**	**1610601**	**1610162**	**1610148**	**1610163**

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