

## Flat Bed CNC Lathe CKA-M Series

Specification		Unit	CKA61100M	CKA61125M
Max. swing diameter over bed		mm	φ1000	φ1250
Max. Swing diameter over cross slide		mm	φ630	φ880
Max. workpiece length		mm	1500, 2000, 3000, 4000, 5000, 6000	
Max. Cutting length		mm	1400, 1900, 2900, 3900, 4900, 5900	
Max turning diameter	Vetricral 4-position	mm	φ1000	φ1250
	Opt: Horizontal 8-position	mm	φ700	φ950
Spindle center height		mm	500	625
Bed guideway width		mm	755	755
Spindle motor power (servo motor)		kW	22/26 (FANUC)	
Spindle bore		mm	φ130	
Chuck size		mm	φ1000	φ1250
Taper of spindle bore			Front end φ140mm 1:20	
Type of spindle nose			A <sub>2</sub> -15	
Spindle speed ranges		r/min	2~500 (L 2~87, M 5~201, H 11~500)	
Spindle speed ranges (with chuck)		r/min	2~315	2~280
Tailstock quill diameter		mm	φ200	
Tailstock quill travel		mm	300	
Tailstock quill taper			No. 6 MT	
Max. travel of X-axis		mm	520	640
Max. travel of Z-axis		mm	1500, 2000, 3000, 4000, 5000, 6000	
Rapid traverse of X/Z axis		m/min	6/8	
Tool shank size (Vertical 4-position)		mm	40 X 40	

X/Z axis positioning accuracy	mm	0.021/0.026 (1500, 2000), 0.03 (3000, 4000, 5000, 6000)	
X/Z axis repeatability accuracy	mm	0.008/0.014 (1500, 2000, 3000, 4000, 5000, 6000)	
Machine dimensions (L X W X H)	mm	6320X2300X2200(1500) 6820X2300X2200(2000) 7820X2300X2200(3000) 8820X2300X2200(4000) 9820X2300X2200(5000) 10820X2300X2200(6000)	6320X2520X2300(1500) 6820X2520X2300(2000) 7820X2520X2300(3000) 8820X2520X2300(4000) 9820X2520X2300(5000) 10820X2520X2300(6000)
Machine weight	t	13.5/14/15/16/17/18	14.5/15/16/17/18/19

#### Standard configurations

- Servo spindle motor
- FANUC Oi-TF(1) system
- 4-Jaw manual chuck
- Vertical 4-position turret
- Manual tailstock( $\leq 4000$ mm), Electric tailstock( $> 4000$ )
- Chip conveyor
- Heat exchanger

#### Optional

- Siemens/FANUC Oi-TF(5) system
- Horizontal 8-position turret
- Steady rest
- Follow rest
- Air conditioner