

CNC Horizontal Lathe Specification

Parameter	Model	Unit	TCK-32L
	Item		
Precessing parameter	Max.diameter rotating bed	mm	Ø350
	Max.processing diameter	mm	Ø320
	MAX processing diameter on carriage	mm	Ø120
	MAX processing length	mm	200
	Max Bar diameter	mm	Ø32
Spindle/hydraulic cylinder/chuck	Spindle nose	/	A2-4
	Spindle hole diameter	mm	Ø42
	MAX Speed of spindle	rpm	6000
	Spindle motor power	Kw	5.5/7.5
	hydrauliccylinder/chuck	/	5"
Feed System Parameters	X Motor power	kw	0.85
	Z Motor power	kw	0.85
	X axis travel	mm	400
	Z axis travel	mm	300
	X/Z moving-fast speed	m/min	24
	Positioning accuracy	mm	±0.005
	Repeat positioning accuracy	mm	±0.003
	Slide rail type	/	line rail30mm
Secition type rack-cutting Parameter	Tool stations	/	arrayed cutter
	Square tool post type	mm	20
	Round Boring-tool post type	mm	Ø20
	Adjacent tools change time	sec	0.25
Outline dimentsions	L*W*H	mm	2300*1600*1500
	Weight	kg	2400

Parameter	Model	Unit	TCK-4550
	Item		

Precessing parameter	Max.diameter rotating	mm	Ø500
	Max.processing	mm	Ø500
	MAX processing diameter on carriage	mm	Ø320
	MAX processing length	mm	580
	Max Bar diameter	mm	Ø87
Spindle/hydraulic cylinder/chuck	Spindle nose	/	A2-8
	Spindle hole diameter	mm	Ø42
	MAX Speed of spindle	rpm	3000
	Spindle motor power	Kw	11/15
	hydrauliccylinder/chuck	/	10"
Feed System Parameters	X Motor power	kw	3
	Z Motor power	kw	3
	X axis travel	mm	250
	Z axis travel	mm	620
	X/Z moving-fast speed	m/min	20
	Positioning accuracy	mm	±0.005
	Repeat positioning accuracy	mm	±0.003
	Slide rail type	/	line rail
Hydraulic turret	Tool stations	/	12T
	Square tool post type	mm	25
	Round Boring-tool post type	mm	40
	Adjacent tools change time	sec	0.25
Tailstock	Diameter of sleeve	mm	Ø100
	Travel of sleeve	mm	120
	Taper of sleeve	/	MT-5#
Outline dimentsions	L*W*H	mm	2300*2000*1800
	Weight	kg	4600

Parameter	Model	Unit	TCK0636A-B
	Item		
Main Parameters	MAX rotating diameter above bed	mm	Φ460
	Max.processing diameter	mm	Φ400
	MAX processing diameter on carriage	mm	Φ170
	MAX processing length	mm	350
	Distance of two centre	mm	370
Spindle & Chuck Parameters	Spindle head type (optional chuck)	/	Spindle A2-5
	Spindle motor power	Kw	5.5-7.5
	MAX Speed of spindle	rpm	4000
	Diameter of spindle hole	mm	Φ56
	Diameter for bar through	mm	Φ42
Feed System Parameters	X/Z Axis lead screw	mm	3210/3210
	X Axis limiting travel	mm	210
	X Axis motor torque	mm	9N.M
	X/Z Axis guide rail type	/	35/35

Parameters	Z Axis limiting travel	m/min	400
	Z Axis motor torque	mm	9 N.M
	X/Z Axis connection way	/	Direct
Turret	Optional turret (Special specification)	mm	CLT-80-8T/12T
	Recommended height of turret centre	mm	80
Tailstock	Diameter of sleeve	mm	65
	Sleeve travel	mm	80
	Max travel of tailstock	/	300
	Taper hole of tailstock sleeve	mm	Morse 4#
System Specification & Accuracy	Guangzhou CNC		980
	X/Z Axis positioning	mm	0.012
	X/Z Axis repeat positioning accuracy	mm	0.006
	X/Z moving-fast speed	M/min	16
Others	Protecting cover	/	
	Chain chip conveyor	/	
	Oil-bath type feeder	/	<Ø42 standard
Outline Dimensions	Bed Type and Slope	/	Integral type/30°
	Outline Dimensions (Length × width × height)	/	1730×1273×1328
Weight	Weight(about)	Kg	1650

All parameters can be adjusted based on the specifications the customer requested