

## Cnc Lathe Slant Bed Machine TCK40 45 Inclined White And Black Gang Type 3500rpm

Our Product Introduction

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### Basic Information

- Place of Origin: China
- Brand Name: Luyoung
- Certification: CE
- Model Number: TCK40
- Minimum Order Quantity: 1
- Price: 12000-13000
- Packaging Details: Fumigation-free plywood
- Delivery Time: 45 working days
- Payment Terms: L/C, T/T, Western Union
- Supply Ability: 100sets



### Product Specification

- Max Swing Over Bed Dia. 450 Mm:
- Max Cutting Dia. Mm : 120
- The Distance Between Two 335 Centers Mm :
- X Axis Travel Mm : 900
- Z Axis Travel Mm : 335
- X Axis Movement Speed 24000 Mm/min :
- Y Axis Movement Speed 24000 Mm/min :
- Hand Wheel Mm : 0.001/0.01/0.1
- X Axis Repeated Positioning Accuracy: 0.005
- X-axis Positioning Accuracy Mm : 0.01
- Z Axis Repeated 0.006



### More Images



## Product Description

Slant bed cnc lathe machine TCK40 45 inclined white and black gang type 3500rpm tool holder lathes threading metal parts



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Item	parameter	FCK40
Processing range	Max swing over bed Dia.( mm)	Φ450
	Max cutting Dia.( mm)	Φ120
	The distance between two centers( mm)	335
Travel and feed	X axis travel( mm)	900
	Z axis travel( mm)	335
	X axis movement speed( mm/min)	24000
	Z axis movement speed( mm/min)	24000
	Hand wheel( mm)	0.001/0.01/0.1
	X ,Z axis feed speed( mm/min)	0~5000
	X ,Z axis manual feed speed( mm/min)	0~1260
positional	X axis repeated positioning accuracy	0.005
	X-axis positioning accuracy( mm)	0.01
	Z axis repeated positioning accuracy( mm)	0.006

accuracy	Z-axis positioning accuracy(mm)	0.015
Spindle	Spindle speed( rpm)	3500
	Max. spindle torque(N.m)	35
	Spindle nose	A2-6
	Spindle bore Dia( mm)	Φ66
	Hollow oil chuck through hole Dia.(mm)	Φ50
	Chuck	6"
Turret	No.of tool holder	/
Main motor	Main motor(kw)	5.5(3500rpm)
	Main motor torque(N.m)	35
Feed motor	X axis feed motor power(kw)	1.5
	X-axis feeds motor torque(N.m)	6
	Z axis feed motor powr(kw)	1.5
	Z-axis feeds motor torque(N.m)	6
cooling system	Coolant capacity(L)	200
	motor type(1HP)(kw)	0.125
Dimensions	L*W*H( mm)	3400*2060*2100
weight	Machine weight(kg)	4200

#### Features:

The TCK40 series of multi-function CNC lathes are high-speed and precision CNC machining equipment produced by our company with the introduction of Japanese technology. The main accessories are all products from well-known domestic and foreign manufacturers, and the key components are completed by imported precision pentahedral machining centers to ensure manufacturing accuracy.

#### Structure features:

- 1.The TCK40 series multifunctional CNC lathe adopts a box-shaped structure and strong cast iron (HT-300) for the bed, which is cast using one-piece casting technology and is processed in one clamping process using a high-precision machining center. Therefore, it has the characteristics of strong overall rigidity, good machine tool accuracy retention, and high reliability.
- 2.The bed adopts high-rigidity 45-degree inclined back integral bed, which is convenient for chip removal and equipped with a separate water tank to completely prevent leakage and easy maintenance.
- 3.The TCK40 series multifunctional CNC lathe uses a tool holder (optional 4-station electric tool holder, 6-station electric tool turret, 8-station electric tool turret, 8-station servo tool turret), and the servo tool holder can be interchanged at various positions of the tool disc. The tool change speed is fast (adjacent tool change time is 0.25 seconds). The tool holder rotation repeat positioning accuracy is 0.003mm
4. TCK40 series multifunctional CNC lathe adopts high rigidity spindle unit structure.
- 5.The spindle is internally sealed with grease lubrication to ensure high-speed and stable operation of the spindle.
- 6.The spindle motor adopts AC servo motor with stepless speed change and power of 5.5KW. It has large torque output and wide range. It has high torque output at low speed and is suitable for heavy cutting.
- 7.The spindle box has no gear structure, which greatly reduces noise and vibration.
- 8.It adopts hollow (solid and chuck optional) hydraulic chuck and high-speed oil cylinder, and is equipped with a foot switch, which makes the workpiece clamping convenient, safe and reliable

#### X/Z axis:

- 1.X and Z axis feed transmission adopts Taiwan large diameter, high precision (C3 grade), and is pre-pressed and pre-tensioned.
- 2.X and Z axis feed adopt Taiwan (P grade RG45) or THK ball linear rails with strong load-bearing capacity.
- 3.Equipped with a screw rail lubrication system, forced lubrication throughout the entire process to reduce friction to a minimum, and protected by a stainless steel telescopic cover.
- 4.Both X and Z axes use servo motors, with X-axis motor torque of 6N.m and Z-axis motor torque of 6N.m.

