

0.125kw TCK50 Slant Bed Cnc Lathe 2 Axis Cnc Turning Lathe Machine

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: Luyoung
- Certification: CE
- Model Number: TCK50
- Minimum Order Quantity: 1
- Price: USD18000-USD35000
- Packaging Details: Fumigation-free plywood
- Delivery Time: 45 working days
- Payment Terms: L/C, T/T
- Supply Ability: 100sets

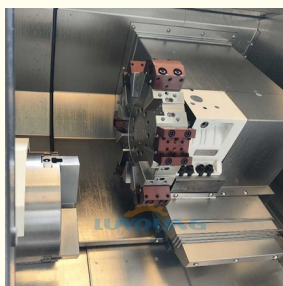


Product Specification

- Highlight: 0.125kw slants bed cnc lathe machine, slants bed cnc lathe machine 0.125kw, slant beds cnc lathe Manufacturers 0.125kw

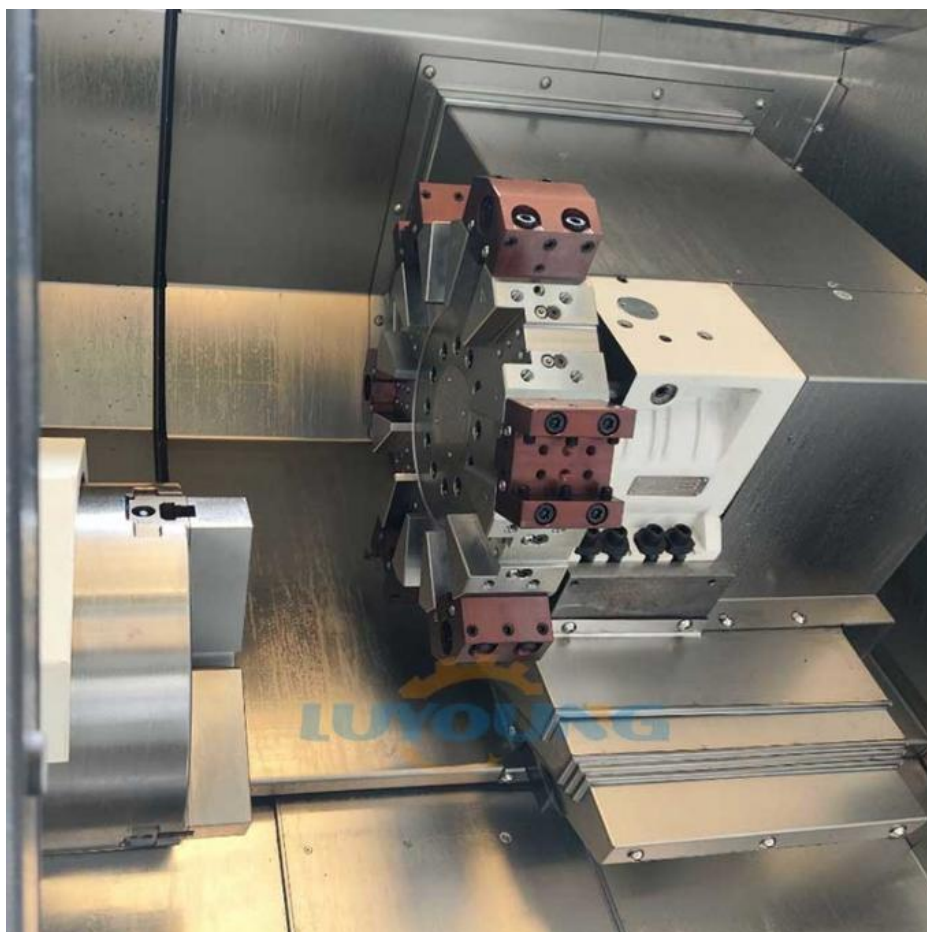


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Product Description

TCK50 slant bed machine z axis travel 500mm hydraulic chuck and tailstock turret



Model	TCK40	TCK50
Max. swing diameter over bed(mm)	Φ450	Φ550
Max. cutting diameter(mm)	Φ120	Φ440
Max.cutting length(mm)	335	Φ450
X axis travel(mm)	900	250
Z axis travel(mm)	335	500

X/Z axis movement speed(mm/min)	24000	24000
Handwheel(mm)	0.001/0.01/0.1	0.001/0.01/0.1
X,Z axis feed speed(mm/min)	0~5000	0~5000
X,Z axis manual feed speed(mm/min)	0~1260	0~1260
X/Z axis repositioning accuracy(mm)	0.005/0.006	0.005/0.006
X/Z axis positional accuracy(mm)	0.01/0.015	0.01/0.015
Max spindle speed (rpm)	4,500	3500
Max. spindle torque (N.m)	35	48
Spindle taper	A2-5(optional A2-6)	A2-6
Spindle bore (mm)	Φ52	Φ66
Bar through-hole(mm)	Φ40	Φ50
hydraulic chuck	6" (Optional8")	10" (Optional2")
Turret type	Gang type tool holder	Hydraulic turret
Number of tool holder	/	12
Tool change times(s)	/	0.25
Tool mounting dimension(mm)	20×20	25×25
Boring tool holder mounting diameter(mm)	Φ25	Φ32
Tailstock travel (mm)	/	480
Center taper	/	MT-5#
Main motor power(kW)	5.5	7.5
Main motor torque (N.m)	35	48
X/Z axis feed motor Power (kw)	1.5	2.3
X/Z axis feed motor torque (N.m)	6	15
Coolant capacity (L)	200	200
Motor type (1HP) (kw)	0.125	0.18
L×W×H(mm)	2100*1450*1850	2697*1795*1860
Machine weight (kg)	1600	3600

Features:

Advantages of TCK50 Hydraulic Turret

The TCK50 CNC lathe features a hydraulic-driven turret, which offers several key advantages:

1. Fast Tool Change

The turret utilizes hydraulic drive, enabling quick tool changes.

This meets the demands of high-speed machining, significantly improving production efficiency.

2. High Torque Output

The turret is equipped with a brand-name hydraulic motor.

It delivers high torque, making it suitable for heavy cutting operations.

3. Low Noise Performance

The hydraulic-driven turret operates with minimal noise.

This creates a comfortable working environment for operators.

4. High Tool Change Accuracy

The hydraulic turret boasts high positioning accuracy and excellent repeatability.

It ensures precise tool positioning after each change.

5. Simple Operation

The hydraulic turret allows for easy and convenient tool change operations.

This reduces tool change time and enhances overall work efficiency.

In summary, the TCK50 CNC lathe with its hydraulic-driven turret offers advantages such as fast tool changes, high torque, low noise, and high precision, making it well-suited for high-speed and efficient machining. It is widely used in industries such as automotive and bearing component manufacturing

Optional configuration:

1. Driven turret
2. Workpiece catcher
3. Auto bar feeder
4. Chain type chip conveyor



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