



shandong lu young machinery co.,ltd

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## 750mm Slant Bed CNC Lathe Machine With Integrated Coolant System 15KW

Our Product Introduction

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### Basic Information

- Place of Origin: SHANDONG
- Brand Name: cnc slant bed lathe machine
- Certification: CE
- Model Number: TCK56
- Minimum Order Quantity: 1/SET
- Price: \$25000-\$38000
- Packaging Details: non-fumigation wooden box
- Delivery Time: 30DAYS
- Payment Terms: T/T
- Supply Ability: 30/SET



### Product Specification

- Net Weight: 3500kgs
- Bed Type: Whole Body Slant Type 45°
- Coolant System: Included
- Over Bed: 650mm
- Spindle Head Connection: C6
- Controller: Fanuc/Mitsubishi/Siemens
- Bar Diameter: 52/75
- Spindle Motor: 7.5KW
- Z Travle: 750mm
- Z-Axis Travel: 400mm
- Rapid Feed Rate: X/Z: 10/12m/min
- Power Supply: 220V/380V



### More Images



## Product Description

### TCK56 750mm Slant Bed CNC Lathe Machine with Integrated Coolant System

## Specification

parameter	TCK56
Max swing over bed Dia.( mm)	Φ560
Max swing over cross slide Dia.( mm)	Φ330
The distance between two centers( mm)	500/750
X axis travel( mm)	270
Z axis travel( mm)	500/750
X,Z axis feed speed(m/min)	30/36
X/Z axis feed motor powr(kw)	2.4
X/Z axis repeated positioning accuracy	0.005/0.006
X/Z-axis positioning accuracy( mm)	0.01/0.015

Spindle speed( rpm)	10-3000rpm
Spindle nose	A2-6
Spindle bore Dia( mm)	Φ66
Chuck	10" hydraulic chuck
Main motor(kw)	11/15KW
No.of tool holder	12 station
Y axis travel (mm)	90
Tool change time(s)	0.2
Tools size( mm)	25×25
Boring tool size( mm)	Φ32
Tailstock travel( mm)	440
taper of center	MT.NO.4
Coolant capacity(L)	150
L*W*H( mm)	2318*1585*1770
Machine weight(kg)	4500KG

## Product Description

The **TCK56 CNC lathe slant machine** cnc bar automatic lathe product is a semi-closed slant-bed turning and milling machine with X, Y, Z and C axes servo control. The structure and external dimensions are compact and reasonable. The spindle (C axis) is driven by a servo motor. It can realize the turning of the outer circle, the end surface and the thread of various materials, such as shafts and discs, and various surface milling and drilling in radial and axial directions, and is suitable for efficient machining of small parts.

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## Product Feature

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### Standard configuration:

- 1) GSK980TB3 controller;
- 2) 8 stations electric tool post;

- 3) Linear guideways;
- 4) With manual tail stock;
- 5) 8" manual chuck;
- 6) Cooling system;
- 7) Lighten system;
- 8) Automatic lubrication system;

#### **Optional configuration:**

- 1) CNC system: Siemens, Fanuc, etc.
- 2) Hydraulic chuck, hydraulic tailstock .
- 3) 8-station hydraulic turret;
- 4) Living tools
- 4 in end+4 in side
- 3 in end+3 in side
- 3 in end +2 in side
- 4 in end
- 3 in side
- 5)Automatic Chip conveyor;

#### **Applications:**

One of the key benefits of this machine is its ability to perform CNC lathe with milling operations. This makes it an ideal choice for precision manufacturing processes that require both turning and milling capabilities. With its powerful spindle motor and high-speed rapid feed rates of X/Z: 10/12m/min, the TCK56 is capable of handling even the most demanding tasks with ease.

The TCK56 CNC lathe machine is also designed with versatility in mind, with a range of available workpiece lengths to choose from, including 750mm, 1000mm, and 1500mm. This makes it suitable for a wide range of applications, from small parts to large components. Its net weight of 3500kgs ensures stability and precision during operation.

Manufactured in Shandong with the highest quality materials and construction methods, the TCK56 CNC slant bed lathe machine is built to last. Its state-of-the-art controller options from Fanuc, Mitsubishi, and Siemens, ensure reliable and efficient operation, with the ability to handle complex tasks with ease.

Overall, the TCK56 CNC slant bed lathe machine is an excellent choice for anyone looking for a versatile and reliable tool for precision manufacturing processes. With its advanced features and high-quality construction, it is sure to meet the needs of a wide range of applications and scenarios.

#### **Customization:**

#### **Packing and Shipping:**

Product Packaging:

The Slant Bed CNC Lathe Machine will be packaged in a sturdy wooden crate to ensure safe transport.

All components will be securely fastened and protected with foam or other appropriate materials.

The crate will be labelled with the product name, dimensions, and weight to facilitate handling and transportation.

Shipping:

The Slant Bed CNC Lathe Machine will be shipped via a reputable carrier to the customer's designated location.

The carrier will be selected based on factors such as cost, delivery time, and reliability.

The customer will be provided with a tracking number and regular updates on the status of their shipment.

Upon delivery, the customer is responsible for inspecting the product for any damage incurred during shipping and reporting it to the carrier immediately.

#### **FAQ:**

**Q: What is the brand name of this lathe machine?**

A: The brand name of this lathe machine is cnc slant bed lathe machine.

**Q: What is the model number of this lathe machine?**

A: The model number of this lathe machine is TCK56.

**Q: Where is this lathe machine made?**

A: This lathe machine is made in SHANDONG.

**Q: What is the maximum turning diameter of this lathe machine?**

A: The maximum turning diameter of this lathe machine is 560mm.

**Q: What is the maximum turning length of this lathe machine?**

A: The maximum turning length of this lathe machine is 1000mm.



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86 18660852746



[sales@luyoungmachinery.com](mailto:sales@luyoungmachinery.com)



[luyoungcncmachines.com](http://luyoungcncmachines.com)

Room 1061, Building A, Guoshan Center, Taiqian Street, Taishan District, Taian City, Shandong Province