

## Tck56 Metal Turning Machine Tool Slant Bed Cnc Lathe Machine Milling Head

Our Product Introduction

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### Basic Information

- Place of Origin: CHINA
- Brand Name: Luyoung
- Certification: CE
- Model Number: TCK56
- Minimum Order Quantity: 1
- Price: \$24000/SET
- Packaging Details: Fumigation-free packaging
- Delivery Time: 30DAYS
- Payment Terms: T/T, Western Union, MoneyGram, D/P, D/A, L/C
- Supply Ability: 10/SET

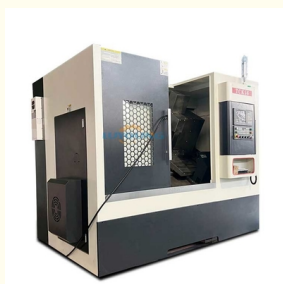


### Product Specification

- Tool Turret: 8 Station
- Coolant System: Included
- Rapid Traverse Rate: 12m/min
- Chuck Size: 8 Inch
- Max Turning Length: 500mm
- Spindle Speed: 3000rpm
- Model: TCK56
- Power Supply: 380V/50Hz
- X/Z Axis Travel: 250mm/500mm
- Max Swing Diameter: 500mm
- Max Turning Diameter: 300mm
- Spindle Motor Power: 7.5kW
- Control System: CNC
- Type: Slant Bed
- Highlight: tck56 metal turning machine.



### More Images



## Product Description

## tck56 metal turning machine Machine Tool Slant Bed CNC Metal Turning Lathe Machine milling head

|                      |                                                      |                                                   |
|----------------------|------------------------------------------------------|---------------------------------------------------|
| position             | project                                              | FCK56                                             |
| Processing scope     | Maximum rotation diameter on the bed (mm)            | Φ650                                              |
|                      | Maximum cutting diameter (mm)                        | Φ540                                              |
|                      | Maximum cutting length (mm)                          | 580 (Power turret 540)                            |
| Journey and feed     | X-axis travel (mm)                                   | two hundred and eighty                            |
|                      | Z-axis travel (mm)                                   | seven hundred                                     |
|                      | X-axis movement speed (mm/min)                       | twenty-four thousand                              |
|                      | Z-axis movement speed (mm/min)                       | twenty-four thousand                              |
|                      | Handwheel (mm)                                       | 0.001/0.01/0.1                                    |
|                      | X. Z feed rate (mm/min)                              | 0~5000                                            |
|                      | X. Z manual feed rate (mm/min)                       | 0~1260                                            |
| Position accuracy    | X-axis repeated positioning accuracy (mm)            | zero point zero zero five                         |
|                      | X-axis positioning accuracy (mm)                     | zero point zero one                               |
|                      | Z-axis repeated positioning accuracy (mm)            | zero point zero zero six                          |
|                      | Z-axis positioning accuracy (mm)                     | zero point zero one five                          |
| principal axis       | Spindle speed (rpm)                                  | 10-3000 (maximum 3500 for 8-inch hydraulic chuck) |
|                      | Maximum spindle torque (N.m)                         | seventy-two                                       |
|                      | Spindle nose end                                     | A2-6                                              |
|                      | Main spindle through-hole diameter (mm)              | Φ66                                               |
|                      | Hollow oil pressure chuck through-hole diameter (mm) | Φ52                                               |
|                      | Chuck                                                | 8 "(optional 10")                                 |
| Knife tower          | Number of tool holders                               | 12 workstations                                   |
|                      | Tool change time (s)                                 | zero point two five                               |
|                      | Tool installation size (mm)                          | 25×25                                             |
|                      | Installation diameter of boring tool holder (mm)     | Φ32                                               |
| Tailstock            | Tail seat stroke (mm)                                | four hundred and eighty                           |
|                      | Top taper                                            | MT-5#                                             |
| Main motor           | Main motor power (kW)                                | 11(4500rpm)                                       |
|                      | Main motor torque (N.m)                              | seventy-two                                       |
| X. Z-axis feed motor | X-axis feed motor power (kw)                         | two point three                                   |
|                      | Torque of X-axis feed motor (N.m)                    | fifteen                                           |
|                      | Z-axis feed motor power (kW)                         | two point three                                   |
|                      | Z-axis feed motor torque (N.m)                       | fifteen                                           |
| Cooling system       | Cooling liquid capacity (L)                          | two hundred                                       |
|                      | Motor type (1HP) (kW)                                | zero point one eight                              |
| size                 | Installation (length * width * height) (mm)          | 3400/2060/2100                                    |
| weight               | Mechanical weight (kg)                               | four thousand and two hundred                     |

## Main Configuration List

| Number | name                                      | manufacturer                  | Optional configuration |
|--------|-------------------------------------------|-------------------------------|------------------------|
| one    | Guangshu 980TB3i                          | Guangzhou Guangshu            | FANUC                  |
| two    | Servo main motor and X/Z-axis servo motor | Guangzhou Guangshu            | FANUC                  |
| three  | Hydraulic chuck and oil cylinder          | Zhejiang Dingchang            | Jiangsu Province       |
| four   | Spindle unit                              | HRB bearings                  | NSK                    |
| five   | X/Z-axis drive bearing                    | HRB bearings                  | NSK, Taiwan            |
| six    | Ball screw                                | Taiwan Shangyin               |                        |
| seven  | Roller rail                               | Taiwan Shangyin               |                        |
| eight  | 12 station servo hydraulic tool holder    | Taiwan Taixin (Taiwan Lianji) |                        |
| nine   | Main electrical components                | Delixi                        |                        |
| ten    | coupling                                  | domestic                      | Japan                  |

|          |                          |          |       |
|----------|--------------------------|----------|-------|
| eleven   | Spindle encoder          | domestic |       |
| twelve   | Hydraulic pump and motor | domestic |       |
| thirteen | Lubricating parts        | domestic | Japan |

## Product Description

1. The FCK56 series multifunctional CNC lathe adopts a box shaped structure and high-strength cast iron (HT-300) for the bed body. It is cast using integrated casting technology and processed in one clamping process using a high-precision machining center. Therefore, it has the characteristics of strong overall rigidity, good accuracy retention of machine tools, and high reliability in use.
2. The bed adopts a high rigidity 30 ° slanted back overall bed, which is convenient for debris removal and is equipped with a separation sink to completely prevent leakage and easy maintenance.

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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;
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Company Profile

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Shandong Lu Young Machinery Co, Ltd. is established in July 1996. We are located in Shandong Province. We are one of professional CNC lathe machine, CNC milling machine and Swiss lathe machine manufacturer in China. We founded our first lathe machine factory in 1996 in Tengzhou City to produce center lathe and universal milling machine for over 20 years development, we build three factories. One is for CNC lathe production one for CNC milling production. We imported advanced production technology and R&D team from Korea in 2001 and build our third factory for Swiss lathe machine production. We own about 500 workers and 40 engineers, more than 5000 square meter.

Our engineer team have rich experiences for equipment selection and process design, we can give you professional solution based your workpieces fast and freely. We could produce over 1000 sets CNC machine equipment one year. Our CNC machine tools has been exported over 40 countries and get good feedback.

♥ More than 20 years of production experience.

♥ Exported more than 40 countries.

♥ More than 300 staffs in factory.

♥ CE and ISO9001 certification.

♥ 7×24 hours online service.

## Customer Photos

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## Packing & Delivery

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- 1.Non-fumigation packaging, we use seaworthy plywood.
- 2. Steel base plate, it is stronger 3-5 times than normal plywood base plate.
- 3.Water-proof and damp proof, water resistant film wrapped all the machine.
- 4.Fully sheathed case,prevention of collision and keep the goods intact.

## Our service

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1. Warranty for one year.
2. Supply 7×24 hours online technology support.
3. Professional solution one by one.
4. Free training for customers online or in our factory.
5. The oversea service is available.

## FAQ

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### **How long is your warranty period?**

A: our warranty period is one year, and we will maintain the product free of charge during the warranty period. Use our machines to supply standard parts and accessories during shipment. In the correct operation, if there are any damaged parts or accessories, we will replace them immediately by airmail or express mail.

### **What kind of packing do you have?**

Answer: we use a plywood cases, to ensure the packing quality durable, fully protect the safety of the goods in the cabinet, appearance is bright and clean, smooth and beautiful, durable, has low cost, big load, afraid of sun rain no moth, etc.

### **How long will your delivery date be?**

A: our delivery date is one month. 30 day

**TCK56 metal turning machine Machine Tool Slant Bed CNC Metal Turning Lathe Machine milling head can be customized?**

A: of course, if our product can't meet your need, tell us the model and send us the drawing, recommend suitable products to you, we can also design and produce the machine meet your requirements.

**How can I contact you?**

Through cell phone number and QQ, there is also email



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