

## Automatic Grade TCK630 Slant Bed CNC Lathe 1000 mm for Center Drilling and Milling

Our Product Introduction

for more products please visit us on [luyoungcncmachines.com](http://luyoungcncmachines.com)

### Basic Information

- Place of Origin: Shandong, China
- Brand Name: luyoung
- Model Number: tck630
- Price: \$35,000.00/sets  $\geq 1$  sets

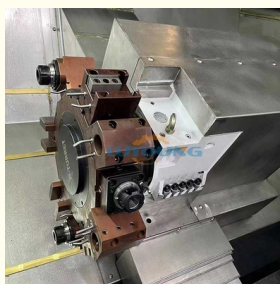
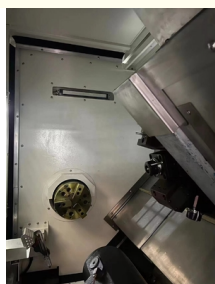


### Product Specification

- Type: Horizontal
- Max. Length Of Workpiece (mm): 500
- Structure: Slant Bed Lathe
- Machining Capacity: Medium Duty
- Width Of Bed (mm): 600 Mm
- Spindle Motor Power(kW): 11
- No. Of Spindles: Single
- Number Of Axes: 2
- Travel (X Axis)(mm): 340 Mm
- Travel (Z Axis)(mm): 1000 Mm
- Positioning Accuracy (mm):  $\pm 0.006$
- Repeatability (X/Y/Z) (mm):  $\pm 0.015$
- Dimension(L\*W\*H): 3650x1870x2100mm
- Voltage: 380v 3 Phase



### More Images



## Product Description

### Product Description

**Slant Bed CNC Lathe 1000 mm Tck630 Turning Machines center drilling and milling metals** 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.





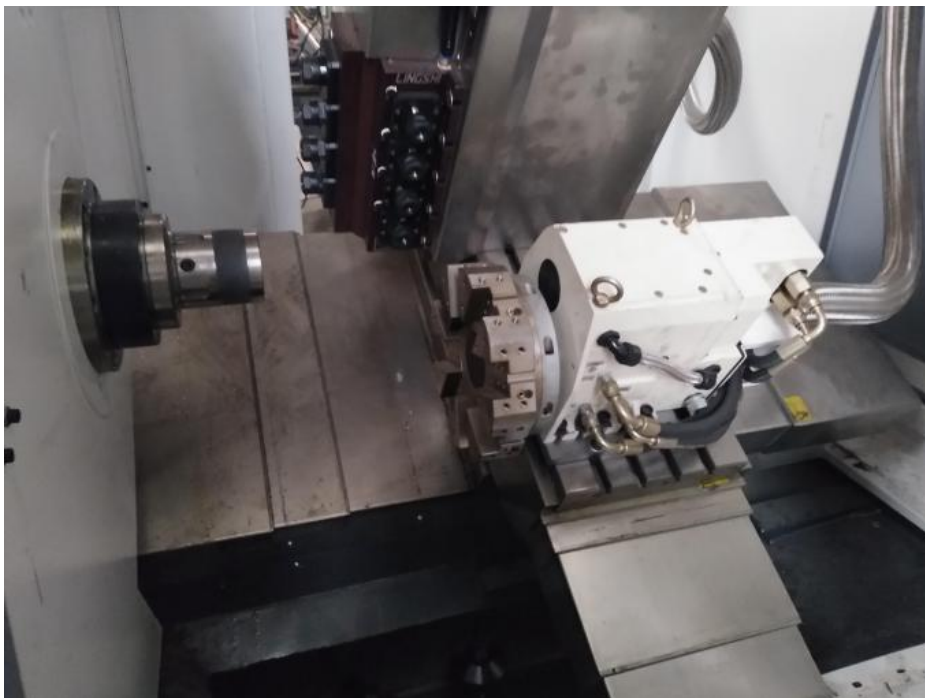


Specification of **Slant Bed CNC Lathe 1000 mm Tck630 Turning Machines center drilling and milling metal**

Specifications	Units	TCK630x1000
Max.swing over bed	mm	630
Max. Swing over cross slide	mm	----
Max. Processing length	mm	460
Cross slide length	mm	1000
Lathe bed straucture		45° integral inclined lathe
Distance between cross slide and spindle axis	mm	----
Spindle nose		A2-8
Spindle (C axis )speed range	R/min	50-3000
Spindle bore	mm	87mm
Bar capacity	mm	75mm
Spindle (C Axis)motor	kw	11
Milling head		12 station driven turret
Milling head power	kw	2.3
Milling head speed	R/min	6000
X axis travel	mm	340
Z axis trave	mm	1000
Y axis trave	mm	100
Turret type		12 station driven turret
X rapid traverse	Mm/min	24000
Z rapid traverse	Mm/min	24000
Y rapid traverse	Mm/min	15000
X/Z axis positioning accuracy	mm	0.006
X/Z axis repositioning accuracy	mm	0.015
Spindle (C axis)dividing positioning accuracy	mm	0.02"(70 arc-seond)
Spindle (C axis)dividing repositioning accuracy	mm	0.006"(20 arc-seond)
Machine dimension(LxWxH)	mm	3650x1870x2100
Net weight	Kg	5700



Other optional configuration of turret





**CNC Turning** is a manufacturing process in which bars of material are held in a chuck and rotated while a tool is fed to the piece to remove material to create the desired shape. A turret (shown center), with tooling attached is programmed to move to the bar of raw material and remove material to create the programmed result. This is also called "subtraction machining" since it involves material removal. If the center has both turning and milling capabilities, such as the one above, the rotation can be stopped to allow for milling out of other shapes.

- The starting material, though usual round, can be other shapes such as squares or hexagons.
- Depending on the bar feeder, the bar length can vary. This affects how much handling is required for volume jobs.
- CNC lathes or turning centers have tooling mounted on a turret which is computer-controlled. The more tools that the turret can hold, the more options are available for complexities on the part.
- CNC's with "live" tooling options, can stop the bar rotation and add additional features such as drilled holes, slots and milled surfaces.
- Some CNC turning centers have one spindle, allowing work to be done all from one side, while other turning centers, such as the one shown above, have two spindles, a main and sub-spindle. A part can be partially machined on the main spindle, moved to the sub-spindle and have additional work done to the other side this configuration.

There are many different kinds of CNC turning centers with various types of tooling options, spindle options, outer diameter limitations as well as power

Optional configuration:



### Automatic Tool Presetter

Our Automatic Tool Presetter increases part accuracy and setup consistency, while reducing setup times by up to 50%. The system

features easy-to-use automatic and manual modes of operation, with a user-friendly interface for quick, conversational-style programming.

Application of our cnc lathe machine:



## Product Feature



#### **The feature of lathe Slant Bed CNC Lathe 1000 mm Tck630 Turning Machines center drilling and milling metal**

1. **Processing complex and high precision workpiece.** Bed head box optimization design, suitable for discs, shaft parts of the turning process, you can line, arc, metric thread, long thread processing, can be applied to the complex shape of the complex and high precision disk type, shaft parts Processing.
2. **High hardness, good rigidity,** high audio quenching, machine guide rails and saddle rails are using special materials, hard rail, high frequency quenching, super hard wear and tear, durable, good processing accuracy
3. **Automatic lubrication,** the lubrication point of the use of forced automatic lubrication device for quantitative quantitative lubrication of the screw and guide rail, when there is an abnormal state or lack of fuel, the automatic warning signal.
4. **High precision, low noise.** Spindle high precision double ball bearing support, low noise, high precision, good stability
5. **Tailstock self-protection function,** tailstock with fast cam clamping device, high efficiency. Tailstock sleeve to prevent the drill bit rotation device, to avoid the malfunction caused by the drill bit rotation and damage the tailstock sleeve hole taper, the effective protection of the tailstock parts.
6. **Easy to operate,** especially for complex parts or high-precision high-volume parts of the processing, but also the first choice of numerical control teaching

#### **Hot selling products**

#### **Features of cnc turning lathe machine price in india**



**CK0640 mini cnc lathe machine**

FOB price: USD 4500-6500/set



**CK6432 small cnc lathe**

FOB price: USD 5900-7500/set



**CK6130 small cnc lathe**

FOB price: USD 6300-8000/set



CK6132 CNC Lathe

CK6132 small cnc lathe  
FOB price:USD 7000-9000/set



CK6136 CNC Lathe

CK6136 small cnc lathe  
FOB price: USD7500-15,000/set



CK6140 CNC Lathe

CK6140 cnc lathe machine  
FOB price: USD8500-20,000/set



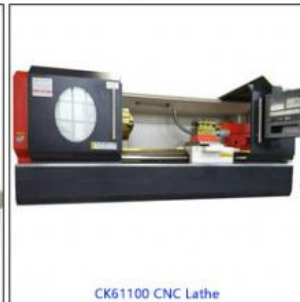
CK6150 CNC Lathe

CK6150 cnc lathe machine  
FOB price:USD 9000-25,000/set



CK6180 CNC Lathe

CK6180 heavy-duty small cnc lathe  
If you have interesting about our machine pls send message to us! thank you in advance!

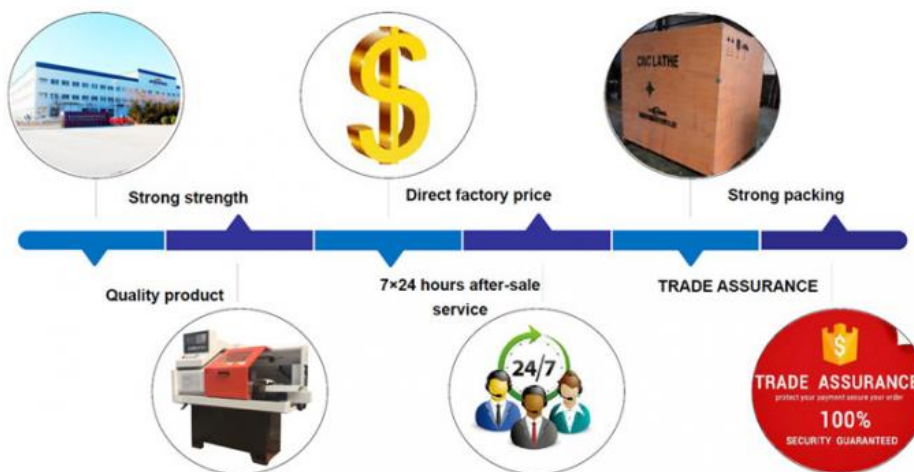


CK61100 CNC Lathe

CK61100 heavy-duty cnc lathe machine

### Why choose us?

### Why choose Lu Young ?



### Why choose our Slant bed machine tck46 inclined machine driven turret Y axis and tool measurement?

- 1.**Strong strength**,The company has 20 years of production experience, rich product range to meet the needs of different customers.
- 2.**Quality product** ,Workshop workers skilled and rigorous testing of product quality, strict control of each production process.
- 3.**Direct factory price**,provide competitive factory price and save your costs.
- 4.**7\*24 hours after-sale service**,Any questions, please contact us directly at any time
- 5.**Strong packing**,will protect the goods from any possible damage during transit.
- 6.**TRADE ASSURANCE**,protect your orders from payment to delivery.

### Company Information

20 years' production experience

Warmly welcome clients from all over the world to visit our factory!



Workshop of Lu Young



Certification of Lu Young



The main product of Shandong Luyoung Machinery Co.,Ltd is CNC lathe machine, CNC milling machine, CNC machine centers,CNC swiss type automatic lathe. Annual output is 900sets/ year.

- 1.More than 20 years of production experience.
- 2.Exported more than 40 countries.
- 3.More than 300 staffs in factory.
- 4.CE and ISO9001 certification .
- 5.7×24 hours online service.

Annual sales:



## Annual sales

Growing company strength, also more and more customers choose our products, the company produces the **CNC lathe, CNC milling machine, vertical machine center**, annual sales of constant growth.

## Who choose Lu Young?



## Feedback from customer

### Customer feedback



I am so glad to choose to cooperate with **Luyoung machinery**, Anna works hard to make sure everything finalized in time and perfectly. Now my machines are running well.



It is my hour to take the opportunity to say thanks to Grace from **Luyoung**, she gives me a lot of help, and answer my questions patiently and earnestly at any time. Good service!

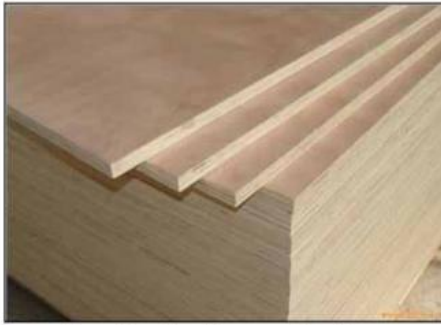


If you want to get the cnc lathe machine with good quality and cheap price, I urge you to try **Luyoung machinery**. I have tried and they never let me down. The factory is very large and the engineer is also very professional.



At beginning, I send inquiry on alibaba. Soon I am surprised that Bruce knows so much even about the lathe operation. I will cooperate with **Luyoung** next time.

Strong packing will protect the goods from any possible damage during transit



Non-fumigation packaging



Steel plate, more stronger



Water-proof and damp proof



Fully sheathed case

Packaging information of CK46p high speed china precision slant bed cnc turning lathe machine with live tool

Packaging material	Non-fumigation plywood crate
Base plate	Steel
packaging feature	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.

**FAQ:**

1. How to get the quotation of mechanical lathe cnc lathe tooling lathe machine lathe mill drill multifunctional machine tck630 big metal turning cnc lathe CNC Lathe with Bar Feeder ?

Tell me the model ,quantity and your requirements, then we will give you our best price to you.

2. If we don't know the model of the lathe, how to choose the model?

Send the drawing of the workpiece ,then our technician will recommend the exact model to you.

3. How about the MOQ (Minimum Order Quantity)?

1 set

4. Can we place an order by TRADE ASSURANCE?

Of course, all of our orders can be placed by this way. Please rest assured your money.

5. How long about your guarantee period?

12 months. If there are accessories damaged during the warranty period, we will replace it for free.



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