

## National Standard Precision Universal TCK50 Mini Metal Lathe with CE and 380V Voltage

Our Product Introduction

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### Basic Information

- Place of Origin: Shandong, China
- Brand Name: Lu Young
- Certification: CE ISO
- Model Number: TCK50
- Price: \$18,000.00/sets 1-2 sets

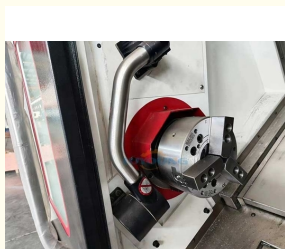


### Product Specification

- Type: Horizontal
- Max. Length Of Workpiece (mm): 700 Mm
- Structure: Slant Bed Lathe
- Machining Capacity: Heavy Duty
- Max. Weight Of Workpiece(kg): 50
- Width Of Bed (mm): 400 Mm
- No. Of Spindles: Single
- Number Of Axes: 4
- Travel (X Axis)(mm): 250 Mm
- Travel (Z Axis)(mm): 500 Mm
- Positioning Accuracy (mm): 0.01 Mm
- Repeatability (X/Y/Z) (mm): 0.003
- Dimension(L\*W\*H): 2697\*1795\*1860
- Voltage: 380V



### More Images



## Product Description

### Universal TCK50 Mini Metal Lathe Horizontal Lathes driven turret lathes for metal with CEProduct Description

#### Product Description



#### Feature:

- ◆ Max. swing over bed: 550mm
- ◆ Max cutting Diameter: 440mm
- ◆ Clamping: 10" Hydraulic Chuck
- ◆ Distance between two centers: 700mm
- ◆ Power of main motor: 7.5KW
- ◆ Turret: 12 station living turret

Optional parts:

- ◆ 10/12 station hydraulic turret
- ◆ 12 station living turret Or living tools
- ◆ Hydraulic tailstock
- ◆ GSK or Fanuc controller system

### Optional configuration



8station living turret



12station hydraulic turret



12station living turret



3+3 living tool

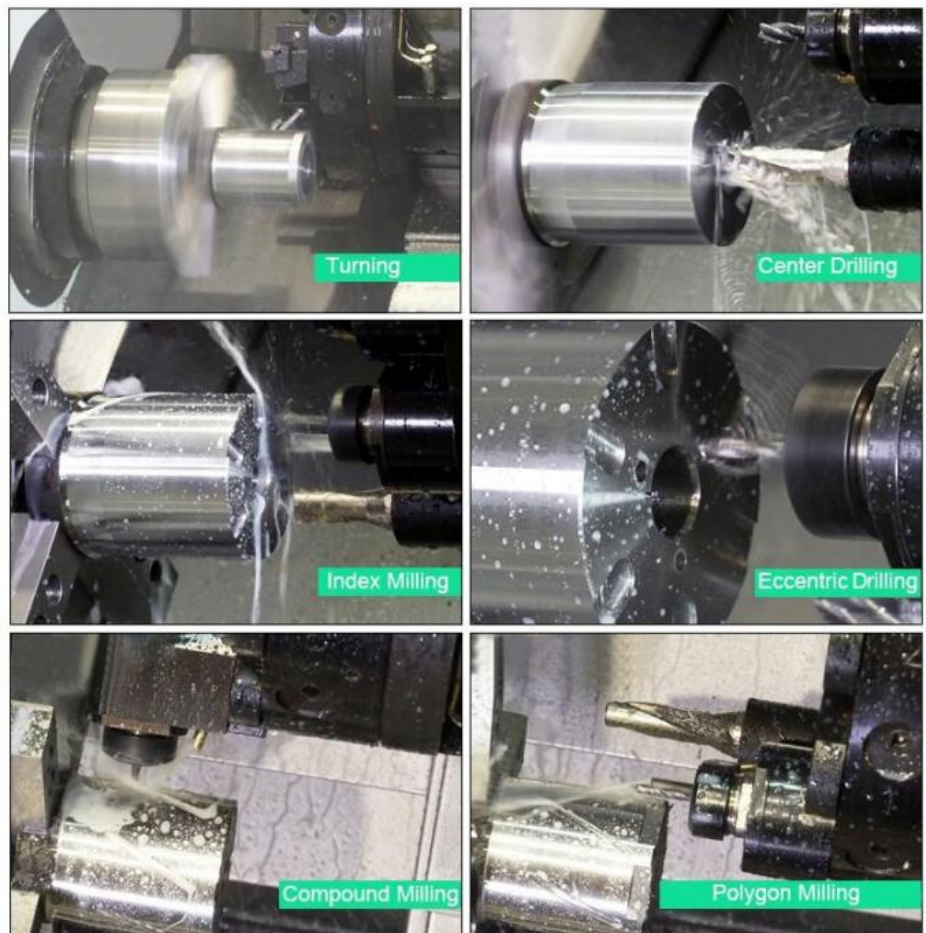


4+4 living tools

**Specification of Universal TCK50 Mini Metal Lathe Horizontal Lathes driven turret lathes for metal with CE:**

Specification		Unit	TCK50
Work Capability	Max swing over bed Dia.	mm	Φ540
	Max swing over the cross slide Dia.	mm	Φ440
	Max cutting length	mm	450
	Max turning diameter	mm	Φ440
Spindle	Hydraulic chuck size	mm	10"
	Spindle nose	/	A2-6
	Spindle taper/diameter	mm	Φ 66
	Spindle speed	r/min	3500
	Main motor power	kW	7.5
Tail stock	Tail stock sleeve dia./travel	mm	480
	Sleeve taper	MT No.	MT-5
Body	Bed angle	DEG	45 °
	Travel range for X/Z	mm	280/700
	Fast feeding speed X/Z	m/min	24/24
	Servo motor torque X/Z	Nm	15/15
	Servo motor power	kw	2./2.3
Turret	Nos.	/	12
	Tools size	mm	25×25/Φ32
	Y axis travel range	mm	+_50
Dimension size		cm	2697X1795x1860
Weight		kg	3600





#### Function of living turret:

#### What's the advantage of Universal TCK50 Mini Metal Lathe Horizontal Lathes driven turret lathes for metal with CE?

- ♠ Spindle: The spindle is of high rigidity and high speed structure, which can realize stepless speed change and constant linear speed cutting and high speed cutting;
- ♠ Turret: Equipped with a high-performance hydraulic tool post, with good rigidity, accurate tool change and fast speed, and high reliability, which can improve the processing efficiency of the machine tool;
- ♠ Chuck: The standard type is equipped with a hydraulic chuck with high efficiency and stable accuracy. The sleeve chuck can also be installed according to the user's requirements, which is convenient to clamp the workpiece and reliable in work;
- ♠ Controller system: CNC system Siemen808D controller system; optional new generation, GSK, FANUC
- ♠ Linear guide way: Using Taiwan Hiwin linear guide, the machine tool bears a large load, has a good dynamic response, eliminates low-speed crawling, and has good accuracy.
- ♠ Casting: The use of a high-rigidity horizontal cast iron bed, combined with a 45-degree Z-direction sliding table, and an optimized design of a large triangular headstock, greatly improve the rigidity of the spindle.

#### Application

Universal TCK50 Mini Metal Lathe Horizontal Lathes driven turret lathes for metal with CE ,It is suitable for rough and finishing machining of shafts, discs, sleeves and other mass production parts in industries such as automobiles, motorcycles, and compressors. It is especially suitable for heavy cutting and interrupted cutting. It can automatically complete the processing of various curved surfaces and threads such as cylinders, cones, arcs, etc., with complete functions and high cost performance.

## Spindle

Φ82 Spindle  
hole diameter.



## Turret

8 station Hy-  
draulic turret.

## Chuck

305mm hydrau-  
lic hollow type  
chuck.





## control system

Could choose Siemens, Fanuc, GSK etc.

## Guide way

Taiwan Hiwin linear guide way



## Casting

one-piece casting



flange plate



plunger



hub bearing



bearing



gearing shaft



Curved cutting edge



cutted thread screwing



cutterhead



milling cutter arbor

#### Hot selling products







TCK630 model

TCK420 model

#### Company Information

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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 fast 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 meters. Our engineer team has rich experiences for equipment selection and process design,

we can give you professional solution based on your workpieces fast and freely. We could produce over 1000 sets of CNC machine equipment one year. Our CNC machine tools have 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.

♥ 7x24 hours online service.



Who choose us?

The products have exported more than 40 countries around the world, please look who choose us:





TCK 630 CNC Lathe Machine Slant Bed with servo mot...



so happy to get the lathe, quality is very good. next order will come soon.

Order No.: 10000000000000000000

Russian Federation

Supplier Service: **Very Satisfied** (5 stars)

On-time Shipment: **Very Satisfied** (5 stars)



CK0640 factory price stability turning cnc machine



Hello. The machines are reliable, they correspond to the characteristics in the description. Fast delivery. The seller has an individual approach to each machine and tooling. I liked working with this seller.



CK0640 cheap cnc turning lathe with auto feed...



No comments



vmc420 China small cheap CNC machine price...



No comments

Supplier Service: **Very Satisfied** (5 stars)

On-time Shipment: **Very Satisfied** (5 stars)



CK 6136 china price economic flat bed cnc lat...



the quality of the machine is very good. I like this machine and I will continue to buy it



Order No.: 10000000000000000000

United States

Supplier Service: **Very Satisfied** (5 stars)

On-time Shipment: **Very Satisfied** (5 stars)



ck6180 horizontal chinese 2 axis heavy duty au...



This company supply the exceptional service and good machine!

Order No.: 10000000000000000000

United States

Supplier Service: **Very Satisfied** (5 stars)

On-time Shipment: **Very Satisfied** (5 stars)



h50 china factory price metal cnc turning lathe ...



Everything looks well, now we didn't find any problem.

### After-Sales Service

CNC Lathe Motorized Metalworking Turning Universal TCK50 Mini Metal Lathe Horizontal Lathes driven turret

1. One year warranty for the whole machine. Within one year under normal use and maintenance, if some accessories are damaged you could get the new accessories for free. Out of one year, you will get spare parts at cost price. You will also get free technical support and service all the lifetime.

#### Technical support:

1. Technical support by phone, email or WhatsApp/Skype around the clock
2. Friendly English version manual
3. Engineer available to service machinery overseas



## Packaging & Shipping

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



TCK550 China Fanuc, GSK, Siemens Control System high precision automatic slant bed CNC Lathe Machine

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

**How long is your warranty period of this Universal TCK50 Mini Metal Lathe Horizontal Lathes driven turret lathes for metal with CE?**

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 days

**Does the Universal TCK50 Mini Metal Lathe Horizontal Lathes driven turret lathes for metal with CE 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.



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