

GSK CNC Control System TCK420 Slant Bed Turret Precision Lathe 500mm Workpiece Length

Our Product Introduction

for more products please visit us on luyoungcncmachines.com

Basic Information

- Place of Origin: Shandong, China
- Brand Name: Lu Young
- Model Number: TCK420
- Price: \$19,500.00/sets 1-4 sets



Product Specification

- Type: Horizontal
- Max. Length Of Workpiece (mm): 500mm
- Structure: Slant Bed Lathe
- Machining Capacity: Medium Duty
- Width Of Bed (mm): 400 Mm
- Spindle Motor Power(kW): .5
- No. Of Spindles: Single
- Number Of Axes: 4
- Travel (X Axis)(mm): 220 Mm
- Travel (Z Axis)(mm): 1500 Mm
- Positioning Accuracy (mm): 0.01 Mm
- Dimension(L*W*H): 3700*1670*1660
- Voltage: 380V
- CNC Control System: GSK



More Images



Product Description

TCK420 High quality gsk slant bed turret cnc precision lathe machine with CE



Product Description

Feature:

- ◆ Max. swing over bed:420mm
- ◆ Clamping:8" Hydraulic Chuck
- ◆ Max cutting length:400mm
- ◆ Power of main motor:5.5KW
- ◆ Turret:8 station hydraulic turret
- ◆ Taiwan Hiwin Linear guide way

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 TCK420 High quality gsk slant bed turret cnc precision lathe machine with CE :

Specification	Unit	TCK420
Max.swing over bed	mm	420
Max.swing over cross slide	mm	200
Max.processing length	mm	400
X/Z axis max.travel	mm	160/400
Spindle nose		A2-6
Spindle bore	mm	66
Bar capacity	mm	50
Max.spindle speed	rpm	3000
Chuck	in	8
Spindle motor power	kw	5.5
X/Z axis repeatability	mm	+/-0.003
X/Z axis feed motor torque	N.M	5/7.5
X/Z rapid traverse	M/min	12
Tailstock travel	mm	350
Quill travel	mm	90
Tailstock taper		MT4
Tool post type	mm	8 station hydraulic turret
Tool post size	mm	20x20
Guide form		45° degree
Guide rail movement way		Linear guide rail
Total power capacity	KVA	11
Machine dimensions(L*W*H)	mm	2300*1500*1650
Weight	kg	3000

What's the advantage of TCK420 High quality gsk slant bed turret cnc precision lathe machine 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 Siemens 808D 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.



01

TAIWAN LINEAR RAIL&BALL

SCREW Taiwan linear
rail & ball screw with
high precision and
speed.

02

HYDRAULIC COLLET

Standard with
hydraulic collet
Hydraulic chuck
is optional ,need
extra cost



03

HYDRAULIC TURRET

Standard with 8
station Taiwan
hydraulic turret.



04

CNC SYSTEM

Standard with
GSK988, Fanuc/
Siemens are op-
tional



05

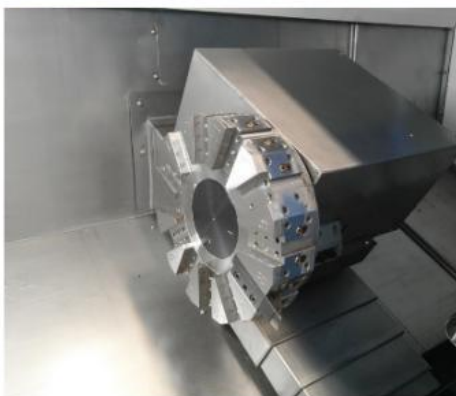
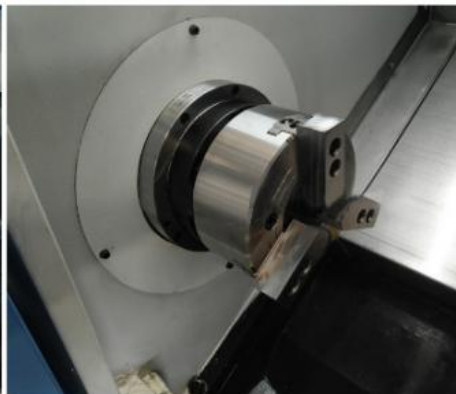
Y AXIS LIVING TOOLS

CK46D-8 stan-
dard
With C axis ,Y
axis and
4+4 liting tools ,
can milling drill-



Application

TCK420 High quality gsk slant bed turret cnc precision lathe machine 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.





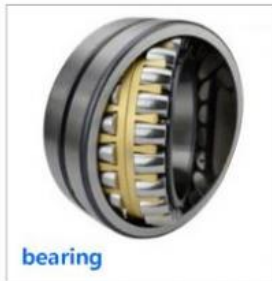
flange plate



plunger



hub bearing



bearing



gearing shaft



Curved cutting edge



cutted thread screwing



cutterhead



milling cutter arbor

Hot selling products







Shandong Lu Young Machinery Co., Ltd. is established in July 1996. We are located in Shandong Province. We are one of the professional CNC lathe machine, CNC milling machine, and Swiss lathe machine manufacturers in China. We founded our fast lathe machine factory in 1996 in Tengzhou City to produce center lathe and universal milling machines. For over 20 years of development, we have built three factories. One is for CNC lathe production, one for CNC milling production.

We imported advanced production technology and an R&D team from Korea in 2001 and built our third factory for Swiss lathe machine production.

We own about 500 workers and 40 engineers, more than 5000 square meters. Our engineering team has rich experience in equipment selection and process design. We can give you a 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 to over 40 countries and have received good feedback.

- ♥ More than 20 years of production experience.
- ♥ Exported to more than 40 countries.
- ♥ More than 300 staffs in factory.
- ♥ CE and ISO9001 certification.
- ♥ 7×24 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

TCK420 High quality gsk slant bed turret cnc precision lathe machine with CE Guarantee:

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



TCK420 High quality gsk slant bed turret cnc precision lathe machine with CE

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 TCK420 High quality gsk slant bed turret cnc precision lathe machine 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 TCK420 High quality gsk slant bed turret cnc precision lathe machine 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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