

High Quality Metal slant bed cnc lathe machine With Living Turret

Our Product Introduction

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Basic Information

- Place of Origin: SHANDONG
- Brand Name: cnc slant bed lathe machine
- Certification: ISO, CE
- Model Number: TCK56
- Minimum Order Quantity: 1
- Price: \$19300-\$24500
- Packaging Details: plywood box
- Delivery Time: 30 days
- Payment Terms: L/C, T/T
- Supply Ability: 100sets per month

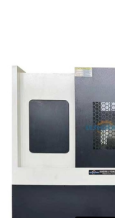


Product Specification

- Rapid Feed Rate: 24m/min
- Net Weight: 5000kgs
- Max Workpiece Length: 750/1000/1500mm
- Max. Swing Diameter Over Bed mm : 560mm
- Coolant System: Included
- Spindle Taper/Spindle Taper: A2-6
- Max. Spindle Torque N.m : 72
- Max Spindle Speed (rpm): 3500rpm
- Spindle Bore (mm): 66
- Bar Through-hole(mm): $\Phi 52$



More Images



Product Description

Product Description:

The slant bed CNC lathe is a high-precision, high-efficiency automated machine tool. Equipped with a multi-station turret or a power

Our Pro

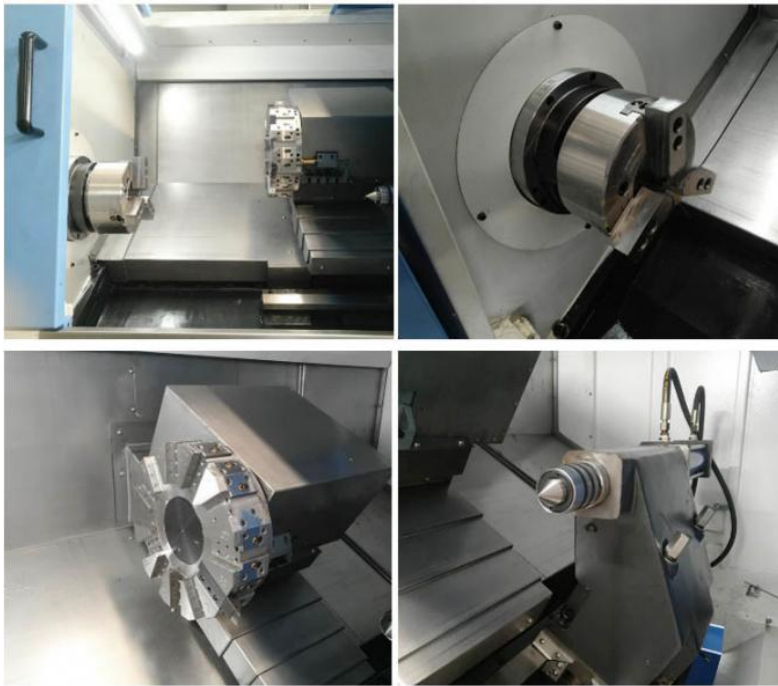
turret, the machine tool has a wide range of process capabilities and can process linear cylinders, oblique cylinders, arcs, and various threads, grooves, worms and other complex workpieces. It has various compensation functions for linear interpolation and circular interpolation, and has played a good economic effect in the mass production of complex parts.

Specification of our slant bed cnc lathe machine:

Item	Model	TCK56*750(with Y axis)
Working Range	Max. swing diameter over bed(mm)	Φ650
	Max. cutting diameter(mm)	Φ540
	Max.cutting length(mm)	540
Machine travel and feed	X axis travel(mm)	280
	Z axis travel(mm)	750/1000
	X/Z axis movement speed(mm/min)	24000
	Handwheel(mm)	0.001/0.01/0.1
	X,Z axis feed speed(mm/min)	0~5000
	X,Z axis manual feed speed(mm/min)	0~1260
Accuracy	X/Z axis repositioning accuracy(mm)	0.005/0.006
	X/Z axis positional accuracy(mm)	0.01/0.015
	C axis accuracy (°)	0.01
Spindle	Max spindle speed (rpm)	3500
	Max. spindle torque (N.m)	72
	Spindle taper	A2-6
	Spindle bore (mm)	Φ66
	Bar through-hole(mm)	Φ52
	hydraulic chuck	10"
Turret	Turret type	living turret
	Number of tool holder	12
	Y axis travel(mm)	100
	Y-axis positioning accuracy(mm)	0.01
	repeated positioning accuracy(mm)	0.008
	Tool mounting dimension(mm)	25×25
	Boring tool holder mounting diameter(mm)	Φ32
	Living tools speed (rpm)	6000
Tailstock	Tailstock travel (mm)	480
	Center taper	MT-5#
Main motor	Main motor power(kW)	11
	Main motor torque (N.m)	72
X, Z axis feed motor	X/Z axis feed motor Power (kw)	2.3
	X/Z axis feed motor torque (N.m)	15
Cooling system	Coolant capacity (L)	200
	Motor type (1HP) (kw)	0.18
Dimensions(mm)	L×W×H(mm)	3400/3600×2060×2100
Weight	Machine weight (kg)	4200/4500

Product feature of TCK56 slant bed cnc lathe machine with hydraulic turret:

- 1.GSK controller system
- 2.hydraulic hollow chuck
- 3.hydraulic tailstock
- 4.Taiwan linear guide way
- 5.hydraulic turret
- 6.high strength bed casting
- 7.lighting system
- 8.cooling system
- 9.auto lubrication system
- 10.Power distribution cabinet.



- ♣ 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

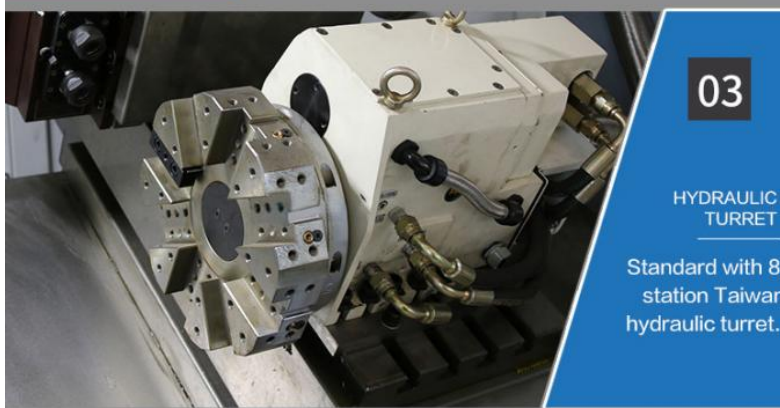
Taiwan linear rail &
ball screw with high
precision and speed.



02

HYDRAULIC
COLLET

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



03

HYDRAULIC
TURRET

Standard with 8
station Taiwan
hydraulic turret.

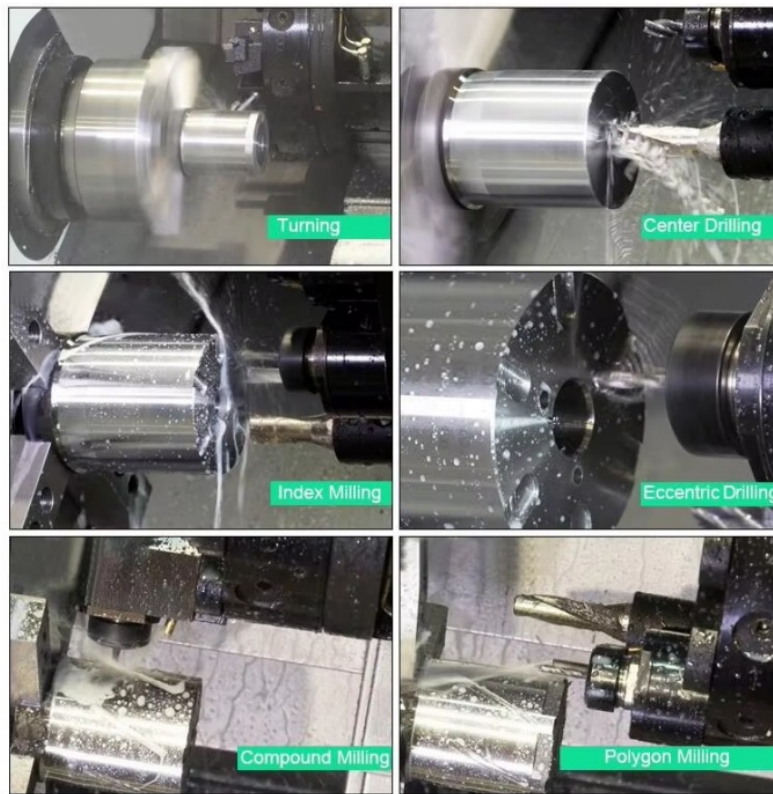
Optional configuration: 12 station living turret

- 1.Siemens/fanuc controller system. 2. 12 station living turret with or without Y axis
- 3.Auto bar feeder 4. Chip conveyor 5.living tool holders
- 6.workpiece measure system 7. Tools measure system





Function of the living turret:



Support and Services:

1. We supply 24 hours on-line service,you could contact with us by email ,phone ,wechat ,whatsapp,skype etc.
2. Received your phone or mail,we will Analyze the problem immediately.
- 3.Supply professional solution, after analyze the problem, we give you our best solution.
4. The warranty period of the whole machine is 1 year. Under normal use, if the machine parts are damaged during the warranty period, we will provide free accessories. Outside the warranty period, if the parts are damaged, we only charge the cost price of the parts, and will never overcharge.
5. Provide lifetime free technical support, you can contact us at any time if you encounter difficulties in the process of use.
6. We provide overseas services, engineers can go to the customer's factory for debugging,installation, maintenance, and repair. (In case of non-epidemic situation).

Packing and Shipping:

Product Packaging:

The slant bed CNC lathe machine will be packed in a sturdy wooden crate to ensure safe transportation.

Each component of the machine will be securely fastened to prevent any damage during shipping.

The slant bed CNC lathe machine will be shipped via a reliable and reputable freight carrier.

The carrier will be selected based on their experience in handling heavy machinery and their ability to deliver the machine on time and in good condition.



FAQ:

1.Does the Slant bed CNC Lathe machine can be customized?

Of course, if our standard configuration can not meet your needs, please tell us that we redesign and produce the machine to meet your needs

2.How long is the warranty period of the slant bed CNC Lathe machine?

Warranty period is one year, if parts damage within one year, we will send free of charge. Free online training or factory training to ensure that you can use our products properly. We can offer overseas paid installation, commissioning service.

3.What time is your work time?

We work online 24 hours a day, offer quotes and technical support at any time.

4.How to get a quote fastly?

Please tell us the model you need or send us drawings of the workpiece, then we can recommend the most suitable products to you. We will give you the best offer within 24 hours.

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