



shandong lu young machinery co.,ltd

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## Ck61100 Heavy Duty Horizontal Metal CNC Lathe Machine 3000mm Cnc Lathe Turning

Our Product Introduction

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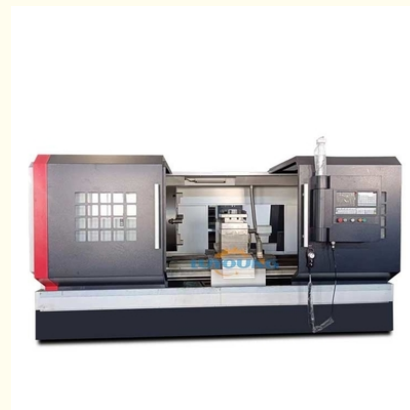
### Basic Information

- Place of Origin: SHANDONG
- Brand Name: cnc lathe machine
- Certification: CE
- Model Number: CK61100
- Minimum Order Quantity: 1/SET
- Price: \$15000-\$25000
- Packaging Details: non-fumigation wooden box
- Delivery Time: 30DAYS
- Payment Terms: T/T
- Supply Ability: 30/SET



### Product Specification

- Distance Between Centres: 3000mm
- Spindle Head Type: A2-5
- Number Of Axes: 2
- Through Bar Diameter: Ø104/(optional Ø130)
- Positioning Accuracy: 0.01
- Tool Post Stations: 6, 4, 8
- Machine Dimension: 2/2.3\*1.5\*1.7
- Style: Flat Bed Type
- Voltage: 380V
- Automatic Grade: Automatic
- Power(w): 11kw
- Max. Swing Diameter: 1000mm



### More Images



## Product Description

CK61100 3000mm cnc lathe turning machine for Precision Manufacturing

### CK61100 CNC lathe 3000mm cnc lathe turning machine for Precision Manufacturing

#### Product Description

Item			CK61100
Processing	Max. swing over bed	mm	Φ1000
	Max. swing dia. over cross slide(mm)		Φ630
	Max.processing length	mm	1000/1500/2000/3000
	Max.processing diameter	mm	Φ1000
	maximum diameter of bar	mm	Φ630
	chuck		630 3jaw or 800 4 jaw
	The spindle terminal structure		D11

Spindle	Diameter of spindle bore	mm	Φ105
	The taper of spindle front-end		1:20
	Spindle speeds series		Four files manually/Hydraulic four files
	Spindle speeds	r/min	30-84/53-150/125-350/300-835
Feed	X/Z axis travel	mm	350/(1000/1500/2000/3000)
	X/Z axis lead screw diameter × pitch	mm	φ3208/φ5010
	X/Z fast moving	m/min	4/6
Tool	Tool post form		Electric vertical
	number of work position		4
	Tool bar section (turning/boring)	mm	32/40
Tailstock	Sleeve diameter / stroke	mm	Φ100/250
	Sleeve inside the hole taper		MT6
	Sleeve driven form		manual
	Tailstock body movement form		Manual
Motor	main motor	Kw	11
	Spindle motor torque	NM	48
	Motor of Z axis X	Kw	1.5/2.3
	X/Z Nm	NM	10/15
	Coolant motor power	W	125
Other	power capacity	KVA	15
	Bed saddle layout		Flat bed
	Guide form		Harden guide way( HRC50)
	Machine weight	kg	4300/4700/5500/6500
	length × width × height	mm	( 3400/3900/4400/5400 ) /1900/2000
Standard configuration:		Optional configuration	
GSK980 TB3 controller system		Siemens/Fanuc controller system	
3 jaw manual chuck		hydraulic hollow chuck	
4 electric tool holder		pneumatic tailstock/hydraulic tailstock	
Auto lubrication system		6 /8 station electricl or hydraulic tool turret	
power distribution cabinet		Chip conveyor outside machine	
One-piece bed casting		centre rest	
Manual tailstock		follow-rest	

lighting system	Hydraulic station
cooling system	

## Product Feature

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### Spindle

45#steel forged spindle,High speed, high precision, strong rigidity;The spindle speed change adopts manual four-speed speed change and stepless speed regulation within the gear, which greatly reduces the probability of machine tool operation failure. Mature structure, stable performance, easy programming and simple operation.

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### Guide rail of the bed

The guide rail of the bed is finely ground after being quenched by the super-audio frequency, with high hardness, good rigidity and long service life. The carriage adopts the plasticization process of the guide rail surface, which has good wear resistance and high precision.

**High-strength grey cast iron resin sand mould integral casting.**

The casting is tempered twice to eliminate the internal stress of the casting itself. The whole machine is good, the machining accuracy is high, and the stability of the machine tool is guaranteed for long-term use.

**Spindle box**

The four-speed speed regulation of the main shaft adopts a gear box structure, especially the three-point support of the main shaft of this machine tool, which has the outstanding characteristics of high speed, high precision, strong rigidity, small thermal deformation, stable operation and low noise.

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**Controller system**

The standard is GSK980TB3 controller system, the optional is Siemens ,Fanuc or Syntec controller system. Simple and easy to operate, with the operation manual.

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**Tailstock**

There is a device in the tailstock sleeve to prevent the rotation of the drill bit, which avoids damage to the taper of the inner hole of the tailstock sleeve due to the rotation of the drill bit caused by misoperation, and effectively protects the tailstock components

**Chuck**

The standard chuck is 3 jaw manual chuck, the optional configuration is 3 jaw or 4 jaw hydraulic hollow chuck.

**Turret**

The standard turret is 4 station electric turret, the optional is 6/8 station electric turret or 12 station living turret.





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