



## Big Spindle Bore Lathe Machine C61200 Metalwork Turning Lathe Machines Universal Horizontal Heavy Duty Lathe

Our Product Introduction

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### Basic Information

- Place of Origin: China
- Brand Name: BAISHUN
- Certification: CE, ISO
- Model Number: C61200
- Minimum Order Quantity: 1 Set
- Price: To be negotiated.
- Packaging Details: Export standard wooden case package or Negotiation with customers
- Delivery Time: 50 working days
- Payment Terms: T/T, Western Union
- Supply Ability: 20 Set/Sets per Month



### Product Specification

- Product Name: Big Spindle Bore Metalwork Turning Lathe Machines Universal Horizontal Heavy Duty Lathe
- Type: C61200
- Swing Diameter Over Carriage: 2000mm
- Swing Diameter Over Bed: 1600mm
- Max. Weight Of Workpiece: 32ton
- Main Motor Power: 75KW
- Guide Rail Width: 1600mm
- Function: Metal Turning
- Highlight: **Big Spindle Bore Lathe Machine, Universal Horizontal Heavy Duty Lathe, Metalwork Turning Lathe Machines**



### More Images



## Product Description

### Big Spindle Bore Lathe Machine C61200 Metalwork Turning Lathe Machines Universal Horizontal Heavy Duty Lathe

This series conventional heavy-duty horizontal lathe, it suitable for high speed steel hard alloy cutting tool, various materials shaft parts, cylindrical and disk-shaped parts processing. To achieve turning cylindrical, face grooving, cutting slot, cutting off, boring and turning inside and outside the cone and other processes

## HEAVY DUTY HORIZONTAL LATHE

DETAILS DETERMINE SUCCESS OR FAILURE. DETAILS CAST A GOOD MACHINE



1. Bed using high-grade quality gray cast iron is made by resin sand molding, and use the sealing sand structure, guide using three rectangular flat guide rail, using high frequency quenching and grinding technology. Bed upper width is 1600mm. Chip using the bottom chip mode.
2. Spindle supported by two points, bearings with a precision spindle bearings, transmission gear after high-frequency quenching and grinding process for processing, and the tooth top edge trimming technology, spindle box using the powerful oil for lubrication, the front spindle using reliable maze of closed institutions, can effectively prevent oil spills and foreign objects into the headstock.
3. The main transmission system by the DC motor-driven spindle rotation, between the main motor and transmission mechanism, connected by flexible coupling, it has good mechanical properties.
4. The tailstock consists of upper body and lower body. On the upper body is equipped with a tailstock spindle and the spindle centerline adjustment mechanism. Under the body is equipped with a tailstock fast moving mechanism and the locking mechanism. Tailstock sleeve adopts built-in top structure; sleeve quick shift and the tailstock sleeve fast moving mechanism are driven by separate motor drive.
5. Turret using the pressure plate holder is divided into three parts, by the large carriage, cross slide and the top knife block, with high strength, high rigidity and other characteristics, suitable for heavy cutting
6. Extension unit rail paste tin zinc copper plate method, the apron and the saddle tool carrier linkage, motor vehicles to cut any cone.
7. Feed box for two axis sliding structure, can achieve the transformation of the various feed.
8. The hydraulic system used to control the hydraulic cylinders, realize the spindle box gear automatic shift and forced

lubrication, the system works reliable, convenient maintenance.

The bed is the foundation of the machine, on which the other components are mounted. The tailstock is located at the opposite end of the bed from the heads

The carriage moves along the bed and holds the cutting tool, which can be adjusted vertically and horizontally. The cross slide moves perpendicular to the carriage and provides precision movement for the cutting tool. The feed rod is responsible for moving the carriage and cross slide, as well as controlling the depth of the cut.

Available in different sizes and capacities, horizontal lathe machine tools can be used for a variety of machining applications, ranging from small hobby projects to heavy-duty industrial work.

#### Following is 32 tons load capacity heavy duty lathe machine

Model		C61160	C61200	C61250	C61315
Max.swing over bed	mm	1600	2000	2500	3150
Max.swing over carriage/tool post	mm	1200	1600	2000	2600
Width of bed (Three lathe beds)	mm	1600	1600	1600/2100	2100
Max.length of workpiece	m	5-20	5-20	5-20	5-20
Max.weight of workpiece	ton	32	32	32/75	75
Max.torque of face plate	kg.m	8000	8000	8000	8000
Max.cutting capacity tool post	kg.m	8000	8000	8000	8000
Section dimension of tool shank	mm	70x70	70x70	70x70	70x70
Headstock					
Progression of spindle speed		Stepless	Stepless	Stepless	Stepless
Range of spindle speed	rpm	1~200 0.8-160 0.025-125	1~200 0.8-160 0.025-125	1~200 0.8-160 0.025-125	1~200 0.8-160 0.025-125
Diameter of chuck	mm	1600	2000	2500	3150
Knife rest					
Step. No of feed	step	18	18	18	18
Range of longitudinal feed	mm/r	0.125-48	0.125-48	0.125-48	0.125-48
Range of cross feed	mm/r	0.063-24	0.063-24	0.063-24	0.063-24
Feed range of tool slide compound	mm/r	0.063-24	0.063-24	0.063-24	0.063-24
Longitudinal rapid traverse speed	mm/min	3000	3000	3000	3000
Cross rapid traverse speed	mm/min	1500	1500	1500	1500
of cross slide	mm	670	800	1000	1250
Metric thread (thread pitch)	mm	2-40	2-40	2-40	2-40
Inch thread	mm	1-14	1-14	1-14	1-14
Module thread	mm	1.5-20	1.5-20	1.5-20	1.5-20
Tailstock					
Traversing capacity of sleeve	mm	200	200	300	300
Rapid traverse of tailstock	mm/min	3000	3000	3000	3000
Rapid traverse of sleeve	mm/min	664	664	664	664
Power					
Main motor power	kw	75	75	90	118

#### Our Services

We can provides 7x24-hour online pre-sale service, engineer follow-up order service, and logistics delivery operation service, And also we can provide installation services. In addition, with more than 10 years experience of various markets, we can help customers successfully complete a series of services from purchasing to goods Customs clearance, thereby saving times and also reducing customers' costs in all aspects.

#### Our advantage:

- 1: With CE, ISO certification.
- 2: Full production tracking.
- 3: Professional engineers can guarantee the highest quality.
- 4: More suppliers as alternatives, guarantee your lowest and competitive price.
- 5: Sales fstaff with more than 10 years experience, will answer your pre-sales and after-sales questions.
- 6: OEM production is available, to meet customer needs
7. Low MOQ (1 unit) is available.
8. 24 hours technical support.

#### Warranty period:

During warranty period (one year), if you have any parts broken because of qulity problem,we will supply to you free of charge by express.

Out of warranty period, if you have any question, you can contact us, we will supply our best service to you as usual.

1. Technical support online service provided .
2. Technical files service provided.
3. Machine operation video provided
4. On-site training service provided.
5. Spare parts replacement and repair service provided.
6. All of the questions will be replied within 24 hours

## FAQ

### 1. How can I choose the most suitable machines?

A: You can choose the exact model by yourself. Or you can tell us your specifications, to let us choose the best model for you, too.

You can also send us the product drawing, and we will choose the most suitable machines for you.

### 2. When do you deliver?

A: It depends on the machine and model you choose. Mostly 1.5 months - 3 months. All machines are **100% new and not used**, only made according to your order. Occasionally there will be a few machines available from stock. You can send us a message or mail to check exact delivery time.

### 3. Is machine tested?

A: The accuracy, noisy will be tested according to China GB standard. Some machines will

### 4. What's the Payment Terms?

A: T/T 30% down payment when order, 70% balance payment before shipment ; Irrevocable L/C at sight also acceptable.

### 5. What's the MOQ?

A: 1 set (Only some low cost machines will be more than 1 set)

### 6. How is the warranty?

A: 12 months after shipment date

### 7. If I have a problem setting up/ getting it running problem, will you be available by email to assist in solving the problem.

A: Video technical support, online service, we can answer you in 24 hours.

**We are a direct-sale lathe machine manufacturer, not a trading company,  
which means we can offer you the best prices.**

**Welcome get in touch with us:)  
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