



## CK6150 CNC Lathe 500mm Swing High Precision Thread Cutting Machine

### Our Product Introduction

#### Basic Information

- Place of Origin: Henan, China
- Brand Name: BAISHUN
- Certification: ISO
- Model Number: CK6150
- Minimum Order Quantity: 1 set
- Price: Negotiation
- Packaging Details: Export standard wooden case package, or as customers' requirement.
- Delivery Time: 45 work days
- Payment Terms: T/T, L/C, Western Union
- Supply Ability: 50 Set/Sets per Month



#### Product Specification

- Product Name: High Precision Thread Cutting Lathe
- Max.Swing Diameter(mm): 500 Mm
- Max. Length Of Workpiece (mm): 1500/3000/4000mm
- Max. Spindle Speed (r.p.m): 1500 R.p.m
- Structure: Flat Bed Lathe
- Spindle Motor Power(kW): 7.5
- Spindle Bore(mm): 52/80/105
- Number Of Axes: 2
- Repeatability (X/Y/Z) (mm):  $\pm 0.006$
- Tail Stock Center Travel: 150mm
- Key Words: Thread Cutting Lathe
- Application: Metal Turning
- Highlight: Thread Cutting CNC Lathe, CK6150 CNC Lathe Machine



#### More Images



## Product Description

### CNC Turning Lathe Machine CK6150 High Precision Thread Cutting Lathe

#### Product Description

The CNC lathe is a machine tool that is used for shaping and turning metal workpieces. It use a variety of cutting tools, such as drills, boring tools, and turning tools, to remove material from the workpiece. The machine is programmed using software that specifies the size and shape of the workpiece, as well as the cutting operations to be performed.

The workpiece is clamped in the spindle of the lathe, which rotates at high speed to create the cutting motion. As the workpiece rotates, the cutting tools move in precise patterns to remove material and shape the workpiece.

CNC lathes are highly precise and efficient machines that are used in a wide range of industries, including aerospace, automotive, and electronics manufacturing. They are capable of producing complex parts with tight tolerances and high accuracy, making them an essential tool for modern manufacturing.

- 1.Fronnd end of the spindle adopts three-supporting structure of two-way angular in touch with the ball bearing to improve its accuracy and enhance its rigidity;
- 2.Gears in head stock and guide way are processed by quenching to ensure accurate transmission and high rigidity.
- 3.Complete closed cover can protect the iron scraps splashing out.









#### Machine Parameter

|                                                    |                                                                           |        |                  |        |        |
|----------------------------------------------------|---------------------------------------------------------------------------|--------|------------------|--------|--------|
| Specifications                                     | CK6140                                                                    | CK6150 | CK6161           | CK6166 | CK6180 |
| Max. swing over bed                                | 400mm                                                                     | 500mm  | 610mm            | 660mm  | 800mm  |
| Max. workpiece length                              | 750/1000/1500/2000/3000mm                                                 |        |                  |        |        |
| Spindle taper                                      | Mohs NO.6(MT6)[ Φ90 1:20(Type B)][ Φ113 1:20(Type C)]                     |        |                  |        |        |
| Chuck size                                         | C6[D8(Type B/C)]                                                          |        |                  |        |        |
| Spindle bore dia.                                  | Φ52mm/[Φ80mm(Type B)][Φ105mm(Type C)]                                     |        |                  |        |        |
| Range of spindle speeds 3 steps(Auto. Change gear) | Independent spindle:100~1600r/min<br>21-1500r/min( 62-1500 66-500 21-150) |        |                  |        |        |
| Tail stock center travel                           | 150mm                                                                     |        |                  |        |        |
| Tail stock sleeve taper                            | MT5                                                                       |        |                  |        |        |
| Positioning accuracy                               | ±0.015mm                                                                  |        |                  |        |        |
| Repositioning accuracy                             | ±0.006mm                                                                  |        |                  |        |        |
| X/Z rapid traverse                                 | 4/6m/min                                                                  |        |                  |        |        |
| Spindle motor                                      | 7.5kw                                                                     |        |                  | 11kw   |        |
| Overall dimensions for750                          | 2550*1550*1700mm                                                          |        | 2550*1550*1900mm |        |        |
| Overall dimensions for1000                         | 2750*1550*1700mm                                                          |        | 2750*1550*1900mm |        |        |
| Overall dimensions for1500                         | 3250*1550*1700mm                                                          |        | 3250*1550*1900mm |        |        |
| Overall dimensions for2000                         | 3700*1550*1700mm                                                          |        | 3700*1550*1900mm |        |        |
| Overall dimensions for3000                         | 4710*1550*1700mm                                                          |        | 4710*1550*1900mm |        |        |
| G.W for750(kg)                                     | 2800                                                                      | 2900   | 2850             | 2900   | 3000   |
| G.W for1000(kg)                                    | 2900                                                                      | 3000   | 3000             | 3050   | 3150   |
| G.W for1500(kg)                                    | 3150                                                                      | 3200   | 3200             | 3250   | 3350   |

|                 |      |      |      |      |      |
|-----------------|------|------|------|------|------|
| G.W for2000(kg) | 3350 | 3400 | 3400 | 3450 | 3550 |
| G.W for3000(kg) | 4100 | 4200 | 4250 | 4300 | 4400 |

## Company Introduction

Henan Baishun Machinery Equipment Co.,Ltd is a professional manufacturer, which especially work for Slotting machine,Vertical lathe machine, CNC Vertical lathe machine, CNC Horizontal lathe machine, Roll lathe machine, Gear hobbing machine, Pole erection machine, Shredder machine,etc. With 14 years experience for lathe machines, we have export our products to Peru, Brazil, Chile, Mexico, Italy, Indonesia, Sri Lanka, Russia, and Uzbekistan.ect.

Our company attaches great importance to international technical exchanges and cooperation, has introduced advanced technology and craft from United States, Germany, Australia and other countries, establishes the international advanced production lines and first-class modern testing base. Welcome all friends visiting and communicating and cooperating.

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## Our Services

### 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.

## Contact

**Welcome to contact!!**

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