



shandong lu young machinery co.,ltd

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## Flat Type CNC Lathe Machine CK6150 With 7.5KW Spindle Motor

Our Product Introduction

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### Basic Information

- Place of Origin: China
- Brand Name: Lu Young
- Certification: CE
- Model Number: CK6150
- Minimum Order Quantity: 1/SET
- Price: \$9000-\$12000
- Packaging Details: non-fumigation
- Delivery Time: 30DAYS
- Payment Terms: T/T
- Supply Ability: 30/SET



### Product Specification

- Max Maching Over Bed 500mm Diameter:
- Machine Size: 2610\*1530\*1674mm
- Machine Name: CK6150 Cnc Lathe Machine
- Max. Swing Dia. Over Cross Slide: 250mm
- Voltage: 3 Phase 380V 50HZ
- Spindle Motor: 7.5KW
- Max Cutting Length: 500MM
- Category: Cnc Lathe Machine



### More Images



## Product Description

### Technical parameters

| Item                             | CK6150A                    |
|----------------------------------|----------------------------|
| Max. swing dia. over bed         | 500mm                      |
| Max. swing dia. over cross slide | 280mm                      |
| Processing length                | 750mm/1000mm/1500mm        |
| Width of the bed                 | 400mm                      |
| Dia. of spindle                  | 82mm                       |
| Spindle taper                    | 1:20/90                    |
| spindle nose                     | Type of spindle head D-8   |
| Spindle speed                    | 150-2000rpm                |
| Spindle speed step               | step-less                  |
| chuck size                       | 250mm                      |
| Tool holder                      | 4 station                  |
| Tool bar section                 | 25X25mm                    |
| Main motor power                 | 7.5KW                      |
| X/Z axis position accuracy       | 0.02/0.025mm               |
| X/Z axis repeatability           | 0.01/0.012mm               |
| X/Z axis travel                  | 360/750mm/1000mm/1500mm    |
| X/Z axis fast feeding speed      | 8/10 M/MIN                 |
| Tailstock sleeve travel          | 150mm                      |
| Tailstock taper                  | MT5                        |
| Dimension                        | 2410/2660/3160*1560*1730mm |
| weight                           | 2800/3200/3500kg           |

### Product Description

1. **CK6150 Manual metal turning lathe automation Horizontal mechanical heavy duty bench**High precision of machine tool, the spindle adopts Harbin bearing HRB high precision double ball bearing support, low noise, high precision and good stability.
2. The **CK6150 cnc lathe machine** bed body guide is refined by ultrasonic quenching, high hardness and good rigidity.
3. The **CK6150cnc lathe machine** electric four-position tool holder is positioned with precise gear positioning, and the positioning accuracy is high.
4. The tail frame has fast CAM clamping device, and the work efficiency is high.The tail seat sleeve has the device to prevent the drill bit rotation, avoiding the taper of the hole of the socket sleeve caused by the rotation of the drill caused by the wrong operation, and the tail part is protected effectively.
5. wide CNC system adopts several system or Cain emperor and other well-known brands at home and abroad, the hybrid stepping motor driver or optional ac servo motor drive, can also according to user's request matching other systems.
- 6.**CK6150 lathe cnc machine** Easy to operate, especially suitable for complex parts or high precision machining of high-volume parts, which is also the first choice for numerical control teaching.
7. The **CK6150 cnc lathe** tail frame has fast CAM clamping device, and the work efficiency is high.The tail seat sleeve has the device to prevent the drill bit rotation, avoiding the taper of the hole of the socket sleeve caused by the rotation of the drill caused by the wrong operation, and the tail part is protected effectively.

### Product Features

- 1.2 CK6150 Manual metal turning lathe automation Horizontal mechanical heavy duty bench tools can complete the machining of straight line, arc, male and female threads and multi-thread, which can be used in the machining of disc and shaft parts with high precision and complex shape.

- 1.3 CK6150 machine tool X direction and Z guide rail adopt rigid sliding guide rail. The machine tool is suitable for heavy turning and precision retention.
- 1.4 CK6150 CNC control system + servo drive, main shaft adopts inverter spindle.
- 1.5 adopt domestic famous ball screw and Japanese NSK screw bearing.
- 1.6 spindle unit adopts Japan NSK spindle bearing group, and the precision assembly and dynamic balance test, ensure that the spindle of high precision, low noise, strong rigidity, which can realize stepless speed regulation and constant speed cutting, start and stop quickly.
- 1.7 each lubrication point shall be fixed by the compulsory automatic lubricating device for fixed point, and the warning signal will be automatically generated when abnormal state or oil quantity is insufficient.
- 1.8The CK6150 lathe cnc machine adopts the four-position rotary tool holder, and the tool holder can be changed to the nearest path of the rotary tool, the speed of changing the knife is fast, the positioning rigidity is good, the repeatability positioning precision is high.
- 1.9 the whole sealing protection device is adopted to prevent the cooling liquid and debris flying out of the machine tool.
- 1.10CK6150 lathe machine chip removal device, easy to clean the iron dust.



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