



Vertical Small Gear Hobber Y3150 Spur Gear Cutting

Our Product Introduction

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Basic Information

- Place of Origin: Henan, China
- Brand Name: BAISHUN
- Certification: ISO
- Model Number: Y3150
- Minimum Order Quantity: 1 set
- Price: Negotiation
- Packaging Details: Export standard wooden case package
- Delivery Time: 55 work days
- Payment Terms: T/T, L/C, Western Union
- Supply Ability: 50 Set/Sets per Month



Product Specification

- CNC Or Not: Normal
- Condition: New
- Type: Gear Hobbing Machine
- Video Outgoing-inspection: Provided
- Machinery Test Report: Provided
- Marketing Type: Hot Product 2023
- Warranty Of Core Components: 1 Year
- Core Components: Gearbox, Motor
- Voltage: 380V
- Dimension(L*W*H): 2440*1370*1800mm
- Warranty: 1 Year
- Key Selling Points: Competitive Price
- Weight (KG): 4500
- Power (kW): 6.75



More Images



Product Description

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Gear hobbing machine is a machining process for cutting gears, splines, and worm gears on a hobbing machine, which is a special type of milling machine. The gear hobbing machine uses a rotating hob to cut teeth into the workpiece, creating gears of various sizes and shapes. It is widely used in the manufacture of gears for various applications such as automobiles, aerospace and other industrial machinery.

Feature:

- 1.Raised height for vertical column and increased stroke: The vertical column is made higher (180/130mm increased axial stroke in head slide than Y3180/Y3150 of the same kind) to enable processing of larger tooth width.
- 2.Service life of cutting tools is increased by electric tool leap. The longest stroke reaching 180mm, such electric tool leap takes longer hob and greatly increases life the hob.
- 3.High precision and long service life: The machine adopts the worm gear of a high precision over five grade and uses bronze alloy material which is of high abrasion resistance, enabling long service life and steady accuracy.
- 4.Higher tool speed allowed: Rolling bearings replace the traditional bearings along the hobs to allow greater rotating speed of the tools.
- 5.Backlash balancing cylinder is involved as the tool post moves in the axial direction, effectively reducing the space between lead screws and eliminating vibration.
- 6.Convenient hydraulic powered structure reduces the non-cutting time as well as the times to use the cutting tools.
- 7.External support of the small column tailstock adopts the hinge structure and can be easily opened outward, convenient to hang components of larger diameters(Y3180).

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Machine Parameter

Model	Y3150	Y3180
Max.diameter of machining spur gears with external support	350mm	550mm
Max. diameter of machining spur gears without external support	500mm	800mm
Dia. of worktable	520mm	650mm
Max. cutting module	8mm	10mm
Max. Processing width	250mm	300mm
Min.number of teeth processed	6	8
Max.vertical travel of tool seat	300mm	350mm
Min.turning angle	240°	240°
Max.tool loading dimensions(Dia.*L)	160*160mm	180*180mm
Dia. Of hob mandrel	22/27/32mm	22/27/32/40mm
Max. diameter of hob	160mm	180mm
Diameter of table hole	80mm	80mm
Hob spindle speed step	12 steps	12 steps
Hob spindle speed scope	50-275rpm	40-200rpm
Vertical feed range of the hob per revolution of the workpiece	0.24-4.25mm/r	0.4-4mm/r
Main motor power	4.75kw	5.5kw
Main motor speed	1430rpm	1500rpm
Machine weight	4500kg	5500kg
Machine tool dimensions (L*W*H)	2440*1370*1800mm	2752*1490*1870mm

Related Products

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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.

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

Contact

Welcome to contact!!

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