



Universal Gear Hobbing Machine High Precision 8mm Modulus Manual

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: Exported standard package gear hobbing machine
- 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: Gear
- Voltage: 380V/50Hz
- Dimension(L*W*H): 2440 X 1370 X 1800mm
- Warranty: 1 Year, 12 Month
- Key Selling Points: Competitive Price
- Weight (KG): 45000
- Power (kW): 4.75



More Images



Product Description

New Brand High Precision 8mm Modulus Manual Universal Gear Hobbing Machine

Product Description

Y3180/Y3150 series gear hobbing machine is fixed by vertical column and adopts the traditional layout of horizontally moving working table, suitable for processing cylindrical gears, worm wheel and short spline shaft in bulk, in package, or in single workpiece. The machine has the following characteristics:

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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Gear Hobbing Machine Technical Data:

Items	Y3150	Y3180
Max.dia.Of workpiece (without back column/with back column) mm	500/500	800/550
Max. modulus mm	8/6	10/8
Max machining width mm	350	500
Minimum hobbing gear teeth (Z/K)	5	7
Max. travel of carriage in vertical direction mm	430	530
Max. helix angle in turning bevel gear	±45°	±45°
Distance between axis of cutter and work table face mm	235~665	235~765
Spindle Taper	MT.5	MT.5
Max. dimension of cutter mm	Φ160×180	Φ160×180
Max. axial movement of cutter mm		180
Diameter of changeable hobbing arbor mm	22,27,32	27,32,40
distance from hob center to worktable center mm	30~330	50~550
Rapid moving speed of work table mm	50	50
External Diameter/bore diameter of work table mm	510/80	650/80
spindle speed steps	9	8
spindle speed range rpm	40~250	40~200
axial feeds range mm/rev	12-step 0.4~4	12-step 0.4~4
power of main motor synchro-speed kw/rpm	4/1500	5.5/1500
power of rapid axial motor synchro-speed kw/rpm	1.1/1500	
Power of rapid worktable motor synchro-speed kw/rpm	1.1/1000	1.1/1000
Power of Pump motor synchro-speed kw/rpm	4500	5800
Net Weight kg	4500	5800
Overall Size mm	2440×1270×1920	2765×1420×2030

Details Discription:

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Casting parts

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Packaging & Shipping

Payment terms

We usually use T/T, L/C

T/T:T/T 30% in advance, the balance be paid after inspection before the delivery

Before delivery, we will send you the pictures of finished machines and welcome you to come to our factory for inspection

Way of packing

FCL&LCL export standard in 20/40feet container

FCL:Sea-worthy package,machine are fixed in container and the spare parts are packed in wooden boxes

Shipping

MSK/MSC/APL/EMC/PIL and so on

Warranty

12 months under normal use except for wearing parts

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Our Services

1. 24 Hours after sales service by E-mail or Phone.
2. 100% response rate.
3. Engineers available to service overseas.
4. OEM service is available
5. Warranty: 12 months, beyond the warranty period, all spare parts offered to you with factory price.

Our Certification:

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