



B5040 gear cutting vertical metal slotting machine for metal work

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: Baishun
- Certification: ISO CE
- Model Number: B5040
- Minimum Order Quantity: 1 Set
- Price: Negotiation
- Packaging Details: Export standard wooden case package
- Delivery Time: 20 working days
- Payment Terms: T/T, L/C, Western Union
- Supply Ability: 150 Set/Sets per Month



Product Specification

- Product Name: Slotting Machine For Metal Work
- Video Outgoing-inspection: Provided
- Warranty Of Core Components: 1 Year
- Condition: New
- Voltage: 380v/50hz Or As Customer Required
- Warranty: 1 Year
- Key Selling Points: Automatic
- Power (kW): 4
- Weight (KG): 2200 KG
- COLOR: As Your Required
- Highlight: **B5040, vertical metal slotting machine, slotting machine for metal work**



More Images



Product Description

B5040 manufacturing gear cutting vertical metal slotting machine for metal work

Metal slotting machine tools are used to process groove in workpiece. During processing, the workpiece on the worktable performs longitudinal, lateral or rotational movement, and the inserting tool reciprocates up and down to slot the workpiece. A linear motion machine tool that uses the vertical reciprocating motion of the slotting tool to slot the keyway and the hole. The slotting machine, like the planer, also uses a single-edged tool (slotting tool) to cut the workpiece, but the planer is a horizontal layout, and the slotting machine is a vertical layout. Slotting machines have high productivity and accuracy. They are mostly used to process internal keyways or spline holes in single or small batch production. They can also process flat, square or polygonal holes, etc.

The main performance characteristics:

- 1.The working table of the machine tool is provided with three different directions of feed (longitudinal, horizontal and rotary), therefore work object go through once clamping, Several surfaces in the machine tool machining
 - 2.Hydraulic transmission mechanism with sliding pillow reciprocating motion and hydraulic feed device for working table.
 - 3.The sliding pillow has the same speed in every stroke, and the movement speed of the ram and the working table can be adjusted continuously.
 - 4.Hydraulic control table have ram commutation oil for oil reversing mechanism, In addition to hydraulic and manual feed outer,
- Even there single motor drive vertical, horizontal and rotary fast moving.
- 5.Use hydraulic feed the slotting machine, Is when the work is over turning back instantaneous feed, Therefore be better than mechanical slotting machine used drum wheel feed.
 6. The slotting machine is used for slotting the flat and formed surface keyways
 7. It is suitable for either single piece of small batch production
 8. The main transmission mechanism of the slotting machine is used for converting the rotating motion of the crank gear into reciprocating motion of ram
 9. The worktable of the machine is designed for longitudinal, cross and rotary feeding both automatically (only for D type model) and manually
 10. It is stopped automatically, when the worktable is in case of trouble

Product main technical parameters:

Specification	Unit	B5020	B5032	B5040
Max. stroke of RAM	mm	220	340	400
Ram maximum slotting length	mm	200	320	500
Ram motion frequency	times/min	32.50.80.125	20.32.50.80	7500
Ram tilt angle	°	0-8	0-8	20.32.50.80
Ram vertical adjustment distance	mm	230	315	315
Cutter head bearing surface to the distance between the forearm bed	mm	485	600	0-8
Table Diameter	mm	500	630	25x40
The distance between the lower end of the sliding frame to work table	mm	320	490	630
Max. longitudinal moving distance of working table	mm	500	630	600
Max. transverse moving distance of working table	mm	500	560	690
Table maximum rotation angle	°	360	360	620
Vertical and horizontal table power feed range	mm	0.08-1.21	0.08-1.21	560
Table rotary feed range	mm	0.052-0.783	0.052-0.783	0.08-1.21
Motor power	kw	3	4	4
Motor speed	r/min	1430	960	960
Machine weight	kg	2200	3000	3700
Outline dimension	mm	1916*1305*1995	2261*1495*2245	2290*1525*2485

Machine picture



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