



## B5032 Small Vertical Type Key Way Metal Shaper Machine

Our Product Introduction

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### Basic Information

- Place of Origin: China
- Brand Name: Baishun
- Certification: ISO CE
- Model Number: B5032
- 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: Metal Shaper Metal Slotting Machine
- Warranty Of Core Components: 1 Year
- Controller: PLC
- Voltage: 380v/50hz Or As Customer Required
- Warranty: 1 Year
- Key Selling Points: Automatic
- Weight (KG): 2200 KG
- COLOR: As Your Required
- Ram Maximum Slotting Length: 320mm
- Ram Vertical Adjustment Distance: 315mm
- Highlight: **B5032, small metal shaper, metal shaper machine**



### More Images



## Product Description

### B5032 vertical type key way metal shaper metal slotting machine

#### Description:

Metal slotting machines are specialized tools used for creating grooves or slots in workpieces. During the process, the workpiece is moved longitudinally, laterally, or rotated on the worktable while an inserting tool reciprocates up and down to cut the desired slot. This type of machine tool utilizes a linear motion mechanism that employs the vertical reciprocating motion of the slotting tool to create keyways and holes.

Similar to planers, slotting machines also use single-edged tools (slotting tools) to cut the workpiece. However, planers have a horizontal layout, while slotting machines have a vertical layout. Slotting machines are known for their high productivity and accuracy, making them suitable for processing internal keyways or spline holes in both single and small batch production. They can also be used to create flat, square, or polygonal holes, among other shapes.

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.

#### 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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