400mm Max Slotting Length Vertical Slotting Machine for Keyway Slotting with 4kW Main Motor Power Metal Slotting Machine

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: Baishun
- Certification: ISO
- Model Number: BK5040
- 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: 100Set/Sets per Month



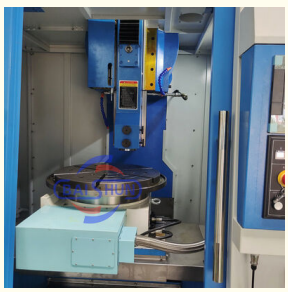
Product Specification

- Max Slotting Length: 400mm
- Table Size: 800x610mm
- Main Motor Power: 4kW
- Max Load Capacity: 350kg
- Ram Adjustment Stroke: 315mm
- Machine Weight: 3700kg
- Highlight: **400mm Vertical Slotting Machine**, **Keyway Slotting Metal Slotting Machine**, **4kW Vertical Shaping Machine**



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Product Description

Product Overview

The **BK5040 CNC Vertical Slotting Machine** is a high-precision shaping solution designed for interpolation of planes, forming surfaces, keyways, and inclined workpieces up to 10° — including mold applications. It is well suited to single-piece and small-batch production environments.



Main Performance Characteristics

The machine table provides three feed directions — longitudinal, horizontal, and rotary — allowing several surfaces to be machined in a single clamping.

Hydraulic transmission mechanism drives the sliding pillow reciprocating motion, paired with a hydraulic feed device for the working table.

The sliding pillow maintains consistent speed across every stroke, and both ram and table movement speeds are continuously adjustable.

The hydraulically controlled table includes a ram commutation oil reversing mechanism. In addition to hydraulic and manual feed, a single motor drives vertical, horizontal, and rotary fast movement.

Hydraulic feed delivers the feed instantaneously as the work stroke returns, providing superior performance compared with mechanical slotting machines that use drum-wheel feed.

Applications

Interpolation of planes, forming surfaces, keyways, and similar workpieces.

Insertion of inclinations up to 10° for molds and other workpieces within this range.

Ideal for enterprises engaged in single-piece or small-batch production.

Technical Specifications

Item	Unit	BK5018	BK5030	BK5032	BK5040
Max. length of ram	mm	180	300	320	400
Ram adjustment stroke	mm	80	300	315	315
Number of ram movements	n/min	30/120	30~150	20~80	20~80
Working desk size	mm	600*320	550*405	800*610	800*610
X direction motor torque	N.M	6	6	7.7	7.7
Z direction motor torque	N.M	6	6	7.7	7.7
Main motor power	kw	3.7	3.7	4	4
Machine weight	kg	2000	2800	3700	3700
Package dimension	mm	2200*2100*2300	2300*2200*2300	2800*2400*2500	2800*2400*2500

Machine Pictures




BAISHUN
BK5032
河南百顺机械设备有限公司
Henan Baishun Machinery Equipment Co., Ltd.


BK5030
河南百顺机械设备有限公司



Contact Us for More Details

For more detailed specifications and pricing, please contact our team.

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