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## BAOSHISHAN MZY-73

# BAOSHISHAN Bench Polishing Machine

MODEL: MZY-73 USER MANUAL

### Introduction

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This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your BAOSHISHAN MZY-73 Bench Polishing Machine. Please read this manual thoroughly before using the machine and retain it for future reference.

### Safety Instructions

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- Always wear appropriate personal protective equipment, including safety glasses and gloves, when operating the machine.
- Ensure the machine is placed on a stable, level surface before operation.
- Securely mount the machine using the provided mounting holes if permanent placement is desired, especially for heavy-duty tasks.
- Keep hands and loose clothing away from rotating parts.
- Disconnect power before changing accessories or performing maintenance.
- Do not operate the machine in wet conditions or near flammable materials.
- Ensure adequate ventilation in your workspace.

### Package Contents

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Your BAOSHISHAN MZY-73 Bench Polishing Machine package includes the following items:

- Bench Polishing Machine (MZY-73)
- Polishing Wheels (3 types: cloth wheel, grinding wheel, fiber wheel)
- Drill Chuck (1)
- Flexible Shaft (1)
- Corundum Grinding Wheels with Shank (3)
- Key Wrench

- Tapered Spindle
- Drill Arbor Adapter
- Allen Wrench
- Carbon Brush



Image: Overview of the included accessories, including various wheels, flexible shaft, drill chuck, and tools.

## Specifications

Specification	Value
Brand	BAOSHISHAN
Model Number	MZY-73
Material	Metal
Power Source	AC
Voltage	110V
Power	320W (0.43 Horsepower)
Speed	1750-10000 RPM (Adjustable)
Wheel Diameter	4 Inches
Item Weight	7.6 pounds
Package Dimensions	10.16 x 7.8 x 7.2 inches



Image: The BAOSHISHAN MZY-73 Bench Polishing Machine, illustrating its compact size and design.

## Setup

- 1. Placement:** Place the machine on a stable, level workbench. The heavy cast iron base and rubber feet are designed to minimize vibration. For enhanced stability, especially during intensive use, secure the machine to your workbench using the two mounting holes provided on the base.
- 2. Attaching Polishing Wheels:** Attach the desired polishing wheel (cloth, grinding, or fiber) to the tapered spindles on either side of the motor. Ensure the wheel is securely fastened.
- 3. Installing Flexible Shaft:** To use the flexible shaft, attach it to one of the motor's spindles. Then, connect the drill chuck or other grinding wheels with shank to the flexible shaft. This allows for detailed work like engraving, drilling, derusting, or sharpening.



Image: Visual guide demonstrating the installation of the flexible shaft, drill chuck, and various polishing wheels.

**PERFECT FOR  
SMALL ARTISAN WORKSHOP**

Bench	Power	Sp
Voltage	320W	0-10000rpm
110V		

Any problems contact us: [shen@baoshishan.com](mailto:shen@baoshishan.com)

1750-10000rpm

320W

3 polishing tool

For small to medium pieces

**BAOSHISHAN**

Image: Illustration of how to use the 1.5-10mm drill chuck with grinding wheels for detailed cleaning, such as inside a ring.



Image: The flexible shaft attachment, highlighting its versatility for engraving, drilling, derusting, and sharpening with different accessories.

## Operating Instructions

1. **Power On:** Plug the machine into a 110V power outlet. Flip the red power switch to the 'ON' position.
2. **Adjust Speed:** Use the speed control knob to adjust the RPM from 1750 to 10000. Start with a lower speed for delicate items and gradually increase for harder materials or more aggressive polishing. The motor starts instantly.
3. **Apply Polishing Compound:** For best results, apply a suitable polishing compound to the rotating wheel before bringing the workpiece into contact.
4. **Polishing Technique:** Gently bring the workpiece into contact with the rotating wheel. Apply even, light pressure and move the item consistently to achieve a uniform finish. Avoid excessive pressure, which can cause overheating or damage to the workpiece or machine.
5. **Using Different Wheels:**
  - **Cloth Wheel:** Ideal for final polishing and buffing of jewelry, plastics, and softer metals.
  - **Fiber Wheel:** Suitable for general polishing, removing light scratches, and preparing surfaces.
  - **Grinding Wheel:** Used for more aggressive material removal, shaping, or sharpening.



Image: Close-up of the adjustable speed dial, indicating a range from 1750 to 10000 RPM.

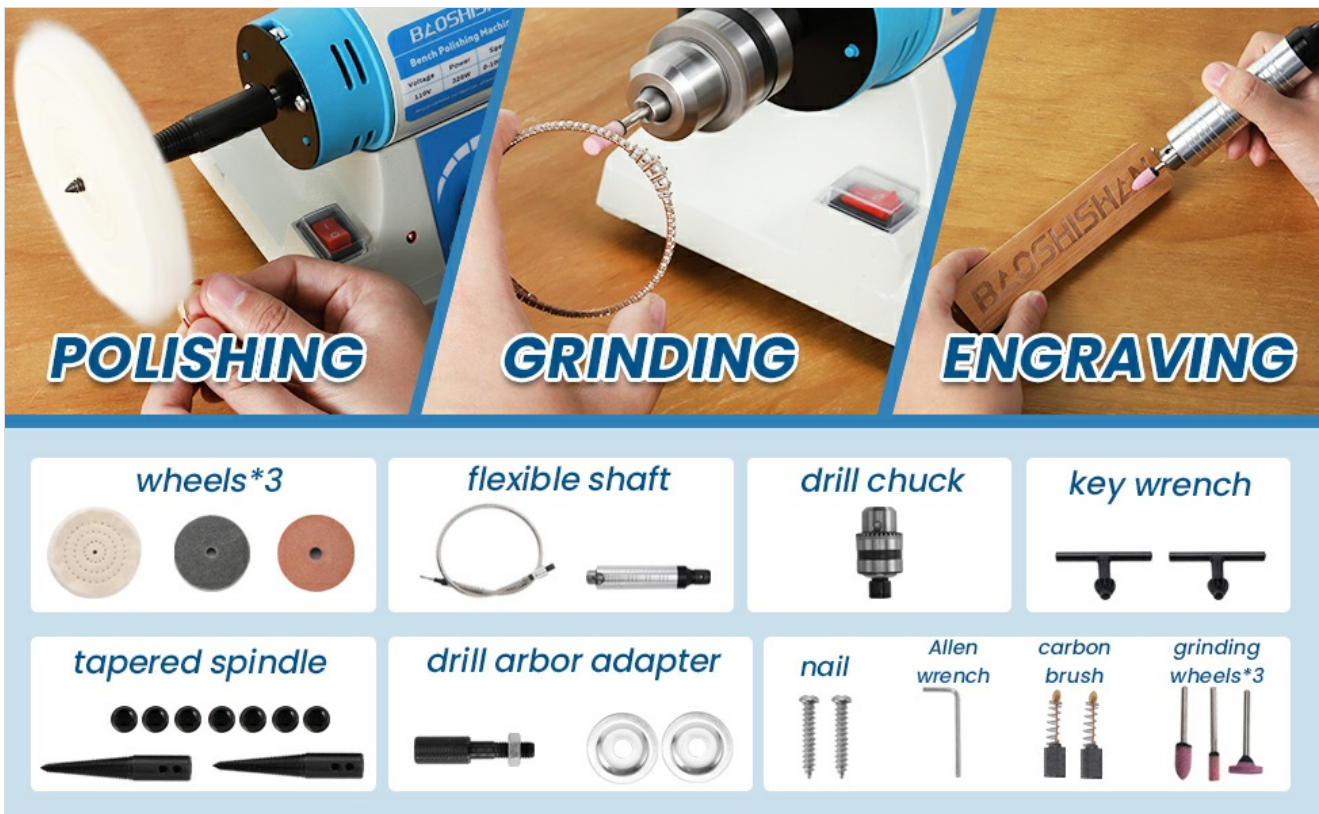


Image: Demonstrates the use of cloth, fiber, and grinding wheels for polishing different materials.

Your browser does not support the video tag.

Video: Demonstrates the BAOSHISHAN 320W Bench Buffer Polisher in operation, showing the application of polishing compound

and polishing of a metal object.

## Maintenance

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- **Cleaning:** Regularly clean the machine and accessories to prevent buildup of dust and polishing residue. Use a soft, dry cloth. Do not use harsh chemicals or abrasive cleaners.
- **Accessory Inspection:** Before each use, inspect polishing wheels and other attachments for wear or damage. Replace worn accessories to ensure optimal performance and safety.
- **Carbon Brush Replacement:** The carbon brushes may need replacement over time. Refer to the machine's housing for access to the carbon brush holders.
- **Storage:** Store the machine in a clean, dry place away from direct sunlight and extreme temperatures.

## Troubleshooting

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- **Machine Does Not Start:** Check if the power cord is securely plugged into a working outlet. Ensure the power switch is in the 'ON' position.
- **Inconsistent Speed or No Speed Variance:** If the machine operates only at one speed or the speed control knob has no effect, ensure the knob is properly seated and functioning. If the issue persists, contact customer support.
- **Excessive Vibration:** Ensure the machine is securely mounted to a stable surface. Check that polishing wheels and attachments are properly balanced and securely fastened.
- **Flexible Shaft Issues:** If the flexible shaft detaches or the inner spring twists, ensure it is correctly attached to the motor spindle and the drill chuck is properly secured. For internal damage, contact customer support for replacement parts.
- **Overheating:** Avoid prolonged heavy use without breaks. Ensure the motor's ventilation slots are clear of obstructions.

## Warranty and Support

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The BAOSHISHAN MZY-73 Bench Polishing Machine comes with a **1-year warranty**. If you encounter any issues or require assistance, please contact BAOSHISHAN customer support. Our expert team is available to help resolve problems quickly and efficiently.

For further inquiries or technical support, please refer to the contact information provided with your product packaging or visit the official BAOSHISHAN website.