

Manuals.plus /

› MHJKHG /

› MHJKHG 600mm Ceramic Ball Bearing Tile Cutter Instruction Manual

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Model: 600mm Ceramic Ball Bearing Tile Cutter



Image: The MHJKHG 600mm Ceramic Ball Bearing Tile Cutter, showcasing its overall design and components.

INTRODUCTION

This manual provides comprehensive instructions for the safe and effective use of your MHJKHG 600mm Ceramic Ball Bearing Tile Cutter. This tool is designed for precise manual cutting of various stone materials, including ordinary floor tiles, polished tiles, and ceramic tiles. Please read this manual thoroughly before operation to ensure

proper setup, usage, and maintenance, thereby maximizing the tool's performance and longevity.

Suitable for cutting stone, including ordinary floor tile, polished brick, tile tile, etc.



Image: The tile cutter positioned on a concrete block, illustrating its suitability for cutting various stone materials like floor tiles, polished bricks, and ceramic tiles.

SAFETY INSTRUCTIONS

Always prioritize safety when operating any cutting tool. Failure to follow these instructions may result in injury or damage to the tool or workpiece.

- **Wear Personal Protective Equipment (PPE):** Always wear safety glasses to protect your eyes from flying debris. Gloves are recommended to protect hands.
- **Work Area:** Ensure your work area is clean, well-lit, and free from obstructions. Maintain a stable and level surface for the tile cutter.
- **Inspect Tool Before Use:** Before each use, check the tile cutter for any signs of damage, loose parts, or worn components. Do not use a damaged tool.
- **Secure Workpiece:** Ensure the tile is properly positioned and stable on the cutting bed before attempting to score or break.
- **Proper Technique:** Apply consistent, controlled pressure when scoring. Avoid excessive force, which can lead

to uneven cuts or tile breakage.

- **Keep Hands Clear:** Never place hands or fingers near the cutting wheel or breaking mechanism during operation.
- **Children and Bystanders:** Keep children and bystanders at a safe distance from the work area.
- **Storage:** Store the tile cutter in a dry, secure place, out of reach of children.

PRODUCT COMPONENTS

Familiarize yourself with the main parts of your MHJKHG Tile Cutter:

- **Sturdy All-Steel Frame:** Provides the foundational stability and durability for the cutting operation.
- **Solid Steel Rails with Ball Bearings:** Ensures smooth, precise movement of the cutting head along the tile.
- **Cutting Head with Ceramic Blade:** The primary mechanism for scoring the tile surface.
- **Ergonomic Rubber Handle:** Designed for comfortable grip and controlled operation of the cutting head.
- **Positioning Device:** Allows for accurate pre-cutting measurements and consistent cut lines.
- **Movable Support Feet:** Protects the tile from chipping during the breaking process and provides stability.
- **Guide Plate:** Assists in maintaining straight and accurate cuts.

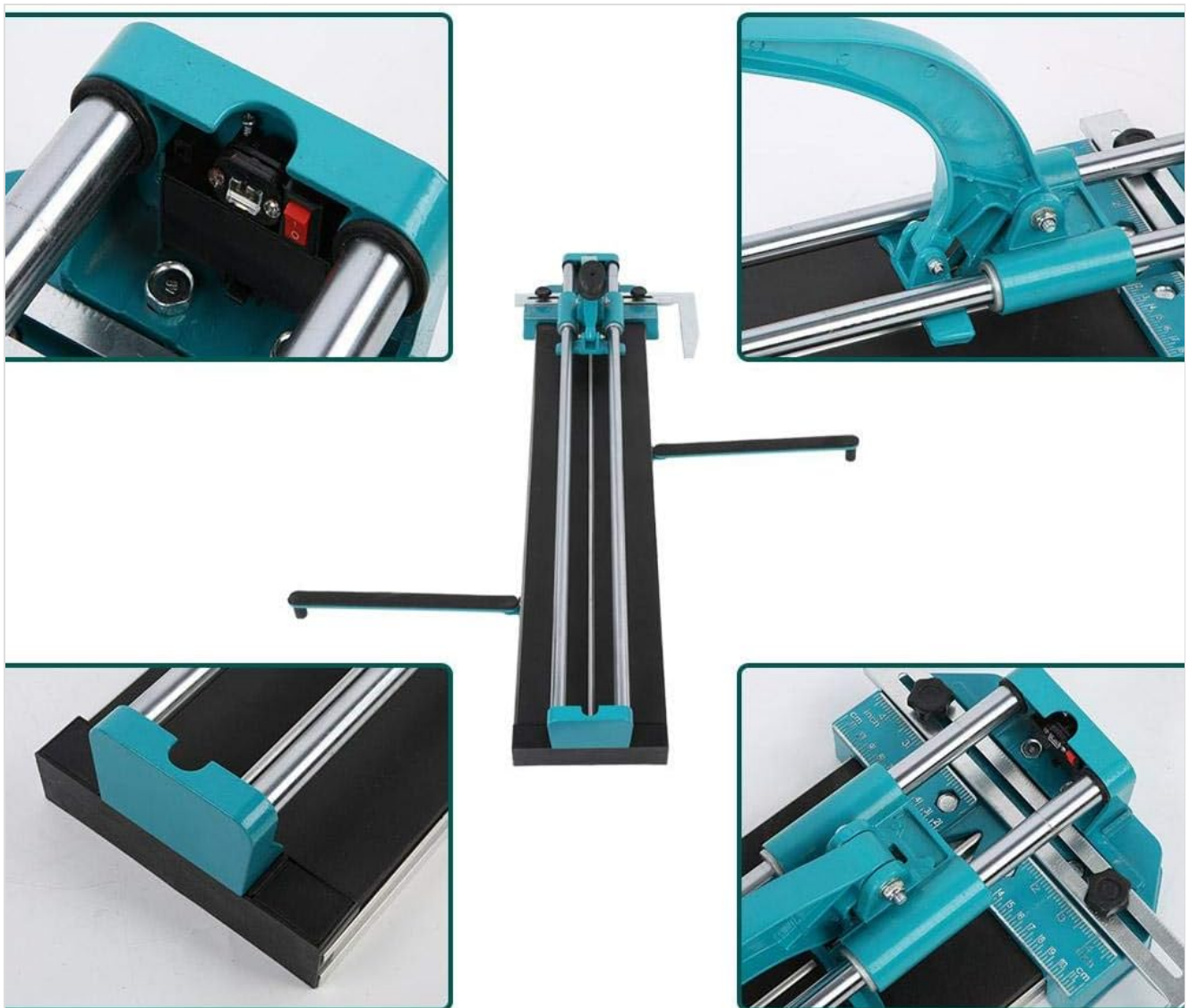


Image: A multi-view collage showing various components of the MHJKHG 600mm Ceramic Ball Bearing Tile Cutter, including the handle, base, cutting mechanism, and overall structure.



SOLID STEEL RAIL, HIGH QUALITY BALL BEARING.

Image: A close-up view highlighting the solid steel rail and high-quality ball bearing system, crucial for smooth and stable cutting operations.

SETUP

Before beginning any cutting tasks, ensure the tile cutter is properly set up:

1. **Unpack:** Carefully remove all components from the packaging.
2. **Assemble Support Legs (if detachable):** Attach any detachable support legs or extensions to the main frame, ensuring they are securely fastened.
3. **Position the Cutter:** Place the tile cutter on a stable, flat, and level workbench or surface. Ensure there is adequate space around the cutter for safe operation and tile handling.
4. **Inspect Cutting Wheel:** Verify that the ceramic cutting wheel is securely installed and free from damage.
5. **Adjust Positioning Device:** If your model includes a movable ruler or positioning guide, ensure it is clean and moves freely for accurate measurements.



Image: An angled view of the MHJKHG Tile Cutter, showing its stable stance with extended support legs, ready for operation.

OPERATING INSTRUCTIONS

Follow these steps for accurate and efficient tile cutting:

- 1. Measure and Mark:** Measure the desired cut line on your tile. Use a pencil or marker to clearly mark the line.
- 2. Position the Tile:** Place the tile onto the cutting bed, aligning your marked cut line precisely with the cutting wheel's path. Utilize the positioning device for exact alignment. Ensure the tile is flat and stable.
- 3. Score the Tile:**
 - Lower the cutting handle so the ceramic blade makes contact with the tile surface at the edge furthest from you.
 - Apply firm, consistent pressure to the handle.
 - Push the cutting head smoothly and steadily along the steel rails, scoring the tile in a single, continuous motion towards you. Avoid multiple passes, as this can lead to chipping or an uneven score.
 - A distinct scoring sound indicates proper contact.
- 4. Break the Tile:**
 - Once the tile is scored, position the breaking foot (part of the cutting head assembly) directly over the scored line, typically near the edge of the tile closest to you.
 - Apply downward pressure to the handle. The movable support feet will help protect the tile.
 - The tile should snap cleanly along the scored line.
- 5. Inspect the Cut:** Carefully remove the cut tile pieces and inspect the edges for cleanliness and accuracy.

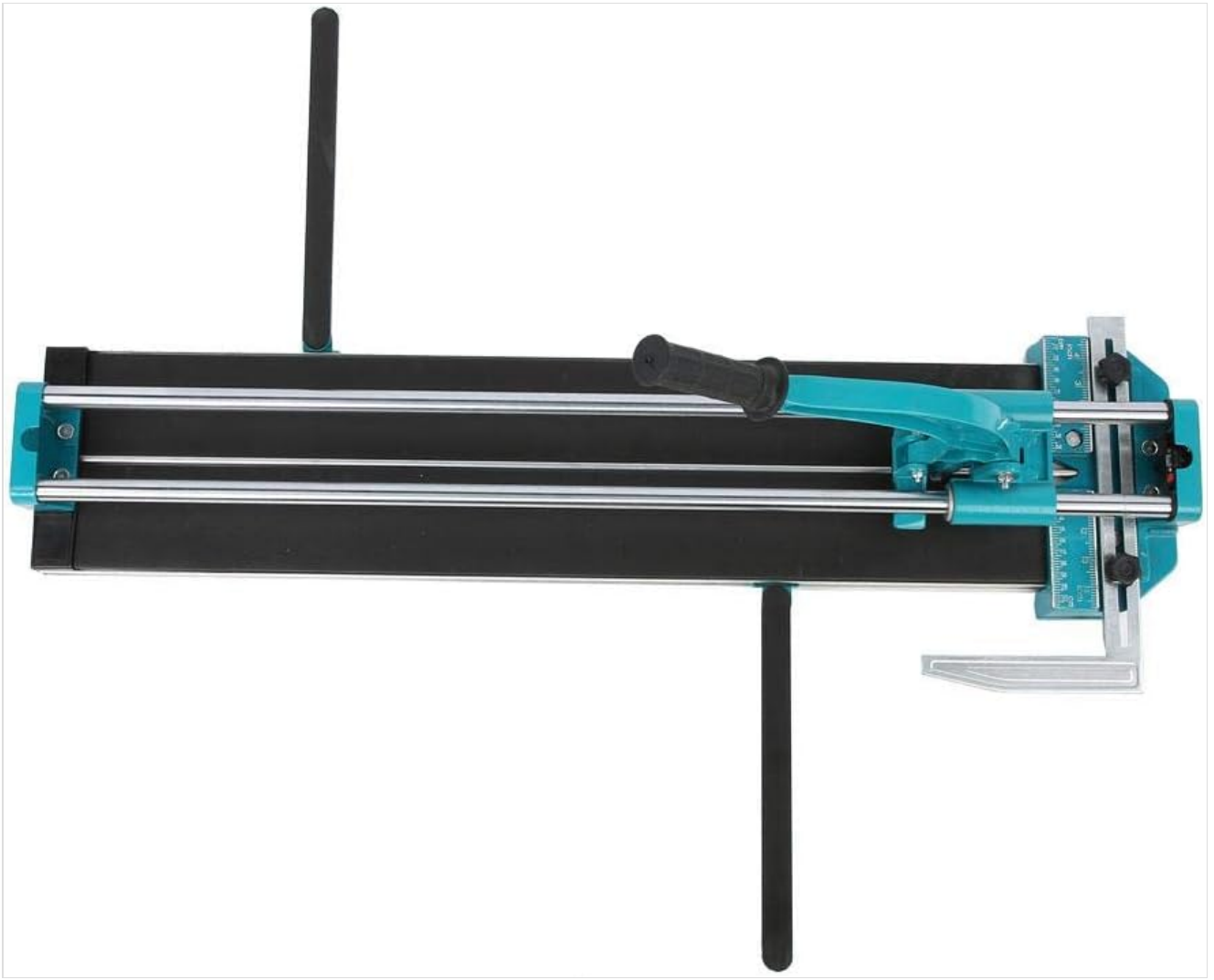


Image: A top-down view of the tile cutter, illustrating the integrated measurement guide and positioning device for precise tile alignment before cutting.



Image: A detailed close-up of the high-quality ceramic cutting wheel, essential for effective scoring of various tile types.

MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your tile cutter:

- **Cleaning:** After each use, wipe down the entire tool, especially the rails and cutting bed, to remove tile dust and debris. A damp cloth can be used, followed by a dry cloth.
- **Lubrication:** Periodically apply a light machine oil to the steel rails and ball bearings to ensure smooth operation. Avoid over-lubricating, which can attract dust.
- **Cutting Wheel Inspection:** Regularly check the ceramic cutting wheel for wear, chips, or damage. A dull or damaged wheel will result in poor cuts and increased effort. Replace the wheel if necessary (refer to manufacturer's guidelines for replacement parts).
- **Tighten Fasteners:** Periodically check all screws and bolts and tighten them if loose.
- **Storage:** Store the tile cutter in a clean, dry environment to prevent rust and corrosion.

TROUBLESHOOTING

Here are some common issues and their potential solutions:

- **Uneven or Chipped Cuts:**
 - *Cause:* Dull cutting wheel, inconsistent scoring pressure, multiple scoring passes, or improper tile alignment.
 - *Solution:* Replace the cutting wheel, ensure a single firm and consistent scoring pass, verify tile alignment, and ensure the movable support feet are correctly positioned.
- **Difficulty Scoring Tile:**
 - *Cause:* Dull cutting wheel, insufficient pressure, or incorrect blade contact angle.
 - *Solution:* Replace the cutting wheel, apply more consistent downward pressure, and ensure the blade is making proper contact with the tile surface.
- **Cutting Head Sticking or Rough Movement:**
 - *Cause:* Accumulation of dust/debris on rails, lack of lubrication, or damaged ball bearings.
 - *Solution:* Clean the steel rails thoroughly, apply a light lubricant, and inspect ball bearings for damage.
- **Tile Not Breaking Cleanly:**
 - *Cause:* Insufficient scoring depth, incorrect placement of the breaking foot, or tile material too thick/hard for the tool.
 - *Solution:* Ensure a deep, continuous score line. Position the breaking foot directly over the score. Verify the tool is suitable for the tile type and thickness.

SPECIFICATIONS

Attribute	Detail
Model	600mm Ceramic Ball Bearing Tile Cutter
Brand	MHJKHG
Cutting Capacity	Up to 600mm (length)
Blade Type	Ceramic Cutting Wheel
Bearing Type	Ball Bearing
Frame Material	All-steel
Application	Ordinary floor tiles, polished tiles, ceramic tiles
ASIN	B0DYP3KWSW

WARRANTY INFORMATION

Warranty details for this product are not explicitly provided in the available information. Please refer to your purchase documentation or contact the seller directly for specific warranty terms and conditions.

CUSTOMER SUPPORT

For technical assistance, replacement parts, or any inquiries regarding your MHJKHG 600mm Ceramic Ball Bearing Tile Cutter, please contact the seller or manufacturer directly. Refer to your purchase receipt or the product packaging for contact details.

