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BIHUI BU-TCB800

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Model: BU-TCB800

INTRODUCTION

Thank you for choosing the BIHUI Manual Tile Cutter 800mm BU-TCB800. This robust manual cutting tool is designed for precise and efficient cutting of various tile materials up to 800mm in length. Its durable construction and ergonomic design ensure comfortable and reliable performance for both professional and DIY projects. Please read this manual thoroughly before operation to ensure safe and optimal use of your tile cutter.

SAFETY INSTRUCTIONS

Always follow these safety guidelines to prevent injury and damage to the tool:

- **Wear appropriate personal protective equipment (PPE):** Always wear safety glasses and gloves when operating the tile cutter.
- **Work on a stable surface:** Ensure the tile cutter is placed on a flat, stable, and non-slip surface before use.
- **Keep work area clean:** Remove any debris or obstructions from the cutting area.
- **Handle tiles carefully:** Tiles can have sharp edges, especially after cutting.
- **Keep hands clear:** Never place hands or fingers near the scoring wheel or breaking mechanism during operation.
- **Inspect the tool:** Before each use, check the scoring wheel for damage and ensure all components are securely fastened.
- **Store safely:** Store the tile cutter in a dry, secure place, out of reach of children.

SETUP

Follow these steps to set up your BIHUI Manual Tile Cutter:

1. **Unpack the unit:** Carefully remove all components from the packaging.
2. **Place on a stable surface:** Position the tile cutter on a sturdy, level workbench or floor.
3. **Familiarize yourself with components:** Identify the base, guide rails, scoring carriage, breaking mechanism, and measuring guide.
4. **Adjust the measuring guide:** If applicable, adjust the side measuring guide to the desired angle or length for repetitive cuts. Ensure it is securely locked in place.



Figure 1: Overview of the BIHUI Manual Tile Cutter 800mm with a tile positioned for cutting. This image shows the main components including the base, guide rails, and scoring handle.



Figure 2: Close-up of the adjustable measuring guide and angle ruler, allowing for precise positioning of tiles for straight or diagonal cuts. Ensure the guide is tightened before scoring.

OPERATING INSTRUCTIONS

Follow these steps for effective tile cutting:

- 1. Prepare the tile:** Clean the tile surface. Mark the desired cut line clearly with a pencil or marker.
- 2. Position the tile:** Place the tile on the cutter bed, aligning your marked cut line with the scoring wheel's path. Use the measuring guide for accuracy. Ensure the tile is stable and does not wobble.
- 3. Score the tile:**
 - Position the scoring wheel at the edge of the tile furthest from you.
 - Apply firm, consistent downward pressure on the handle.
 - Push the scoring carriage smoothly and steadily across the tile in a single, continuous motion towards you. Do not score back and forth.
 - A clear, audible scoring sound indicates a proper score line.
- 4. Break the tile:**
 - Once the score line is complete, position the breaking foot (part of the scoring carriage) directly

over the scored line, typically near the edge of the tile closest to you.

- Apply quick, firm downward pressure on the handle to engage the breaking mechanism. The tile should snap cleanly along the score line.
- For larger tiles, you may need to apply pressure at both ends of the score line or use the breaking mechanism at multiple points.

5. **Inspect the cut:** Carefully remove the cut tile pieces. Smooth any sharp edges with a rubbing stone if necessary.



Figure 3: Detailed view of the carbide scoring wheel, which creates a precise score line on the tile surface. Ensure the wheel is clean and free of debris for optimal performance.

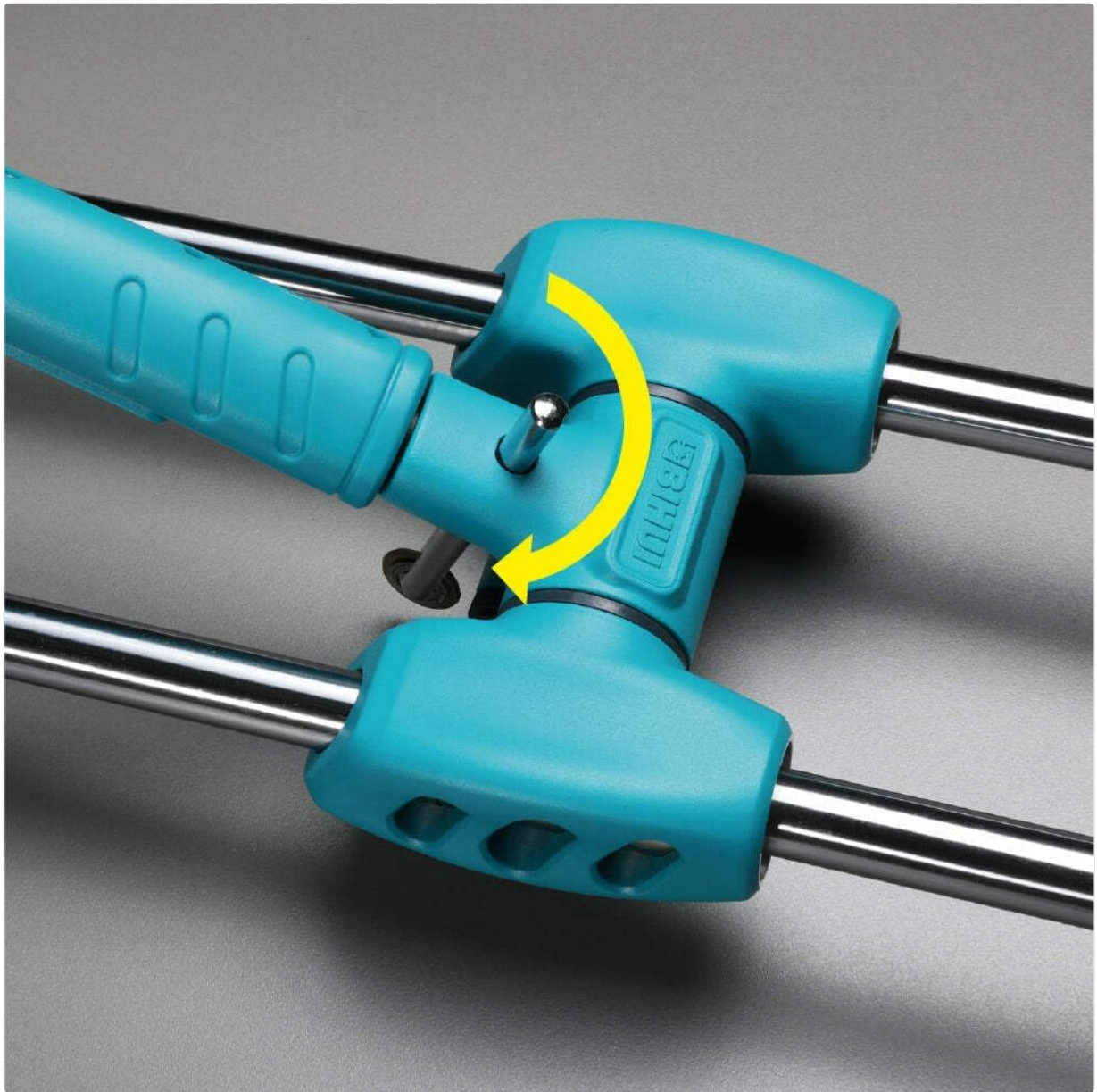


Figure 4: The handle and breaking mechanism. After scoring, apply downward pressure on the handle to activate the breaking foot and snap the tile along the score line. The arrow indicates the direction of pressure.



Figure 5: Close-up of the ergonomic handle grip, designed for comfortable and secure handling during the scoring and breaking process, reducing hand fatigue.

MAINTENANCE

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

- **Cleaning:** After each use, wipe down the guide rails, scoring carriage, and base with a damp cloth to remove tile dust and debris. Ensure no abrasive particles remain.
- **Lubrication:** Periodically apply a light lubricant (e.g., silicone spray) to the guide rails to ensure smooth movement of the scoring carriage.
- **Scoring Wheel Replacement:** The scoring wheel is a wear item. If cuts become inconsistent or difficult, replace the scoring wheel. Refer to the manufacturer's instructions for specific replacement procedures.
- **Storage:** Store the tile cutter in a clean, dry environment to prevent rust and damage.

TROUBLESHOOTING

Here are some common issues and their solutions:

Problem	Possible Cause	Solution
Uneven or chipped cuts	Dull or damaged scoring wheel; inconsistent pressure; tile not stable.	Replace scoring wheel; apply consistent pressure; ensure tile is firmly seated.
Difficulty scoring the tile	Insufficient pressure; dull scoring wheel; incorrect scoring technique.	Increase downward pressure; replace scoring wheel; ensure a single, continuous scoring motion.
Tile not breaking cleanly	Weak score line; breaking foot not aligned with score; insufficient breaking pressure.	Ensure a deep, consistent score; align breaking foot precisely; apply firm, quick pressure.
Scoring carriage movement is stiff	Guide rails are dirty or dry.	Clean and lubricate the guide rails.

SPECIFICATIONS

Feature	Detail
Brand	BIHUI
Model	BU-TCB800
Manufacturer Reference	6973702580450
Cutting Length	800 mm (approx. 31.5 inches)
Construction Material	High-quality steel
Package Dimensions	100 x 20 x 15 cm
Item Weight	5 kilograms
Power Source	Manual

WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the documentation included with your purchase or contact BIHUI customer service directly. Keep your proof of purchase for any warranty claims. For further assistance, you may visit the official BIHUI website or contact your retailer.