Kobalt 8f125e86-d3bf-4bc1-b21c-16ef78b40c2a

Kobalt 7-in Wet/Dry Tabletop Tile Saw User Manual

Model: 8f125e86-d3bf-4bc1-b21c-16ef78b40c2a

Brand: Kobalt

1. Introduction

Welcome to the user manual for your new Kobalt 7-inch Wet/Dry Tabletop Tile Saw. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your tile saw. Please read this manual thoroughly before operating the tool to ensure proper use and to prevent injury or damage.

The Kobalt 7-inch Wet/Dry Tabletop Tile Saw is designed for cutting various types of tile with precision, offering both wet and dry cutting capabilities. It features a miter gauge for angled cuts, a tilting table for bevel cuts, and a laser guide for enhanced accuracy.



Figure 1: The Kobalt 7-inch Wet/Dry Tabletop Tile Saw, showcasing its compact design and key features like the blade guard and miter gauge.

2. Important Safety Information

Always observe basic safety precautions to reduce the risk of fire, electric shock, and personal injury when operating power tools. Keep this manual for future reference.

General Power Tool Safety Warnings:

- **Work Area Safety:** Keep work area clean and well lit. Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust.
- **Electrical Safety:** Power tool plugs must match the outlet. Never modify the plug in any way. Avoid body contact with grounded surfaces such as pipes, radiators, ranges and refrigerators.
- **Personal Safety:** Always wear eye protection (safety glasses or goggles) and hearing protection. Use appropriate dust mask if operation is dusty. Dress properly; do not wear loose clothing or jewelry.
- **Tool Use and Care:** Do not force the power tool. Use the correct power tool for your application. Disconnect the plug from the power source before making any adjustments, changing accessories, or storing power tools.
- **Specific Tile Saw Safety:** Ensure the water reservoir is filled for wet cutting to prevent blade overheating and excessive dust. Always secure the workpiece. Never reach into the blade area while the saw is running.

3. Product Components

Familiarize yourself with the various parts of your Kobalt Tile Saw before operation.

- **Motor and Blade Assembly:** Houses the motor and the diamond blade.
- **Table:** The main work surface where tiles are placed.
- **Miter Gauge:** Slides for precise cuts up to 45 degrees.
- **Rip Fence:** 20-inch aluminum fence that slides and locks for accurate straight cuts.
- **Water Reservoir:** For wet cutting, to cool the blade and reduce dust.
- **Laser Guide:** Provides precise alignment for cuts.
- **Blade Guard:** Protects the user from the rotating blade.
- **Power Switch:** On/Off control for the saw.



Figure 2: The tile saw with its table tilted, demonstrating its capability for bevel cuts and highlighting the miter gauge and rip fence.

4. Setup Guide

Follow these steps to set up your tile saw for operation.

1. **Unpacking:** Carefully remove all components from the packaging. Inspect for any shipping damage.
2. **Placement:** Place the saw on a stable, level surface capable of supporting its weight and the workpiece. Ensure adequate space for operation and material handling.
3. **Blade Installation:** Ensure the saw is unplugged. Follow the instructions in the blade replacement section to securely install the 7-inch blade.
4. **Water Reservoir (Wet Cutting):** For wet cutting, fill the water reservoir with clean water up to the indicated fill line. Ensure the pump (if applicable) is properly submerged and connected.
5. **Laser Guide Batteries:** Install the two AAA batteries into the laser guide compartment. Test the laser guide to ensure it is functioning correctly.
6. **Power Connection:** Connect the saw to a grounded power outlet.

5. Operating Instructions

This section details how to operate your tile saw for various cutting tasks.

5.1. Straight Cuts (Rip Cuts)

1. Measure and mark your desired cut line on the tile.
2. Adjust the rip fence to the desired width, ensuring it is parallel to the blade. Lock the rip fence securely.
3. Place the tile firmly against the rip fence and flat on the table.
4. Turn on the saw. Allow the blade to reach full speed.
5. Slowly and steadily push the tile through the blade, maintaining firm pressure against the rip fence.
6. Once the cut is complete, turn off the saw and wait for the blade to stop before removing the tile.

5.2. Miter Cuts (Angled Cross Cuts)

1. Adjust the miter gauge to the desired angle (up to 45 degrees). Securely lock the miter gauge.
2. Place the tile firmly against the miter gauge.
3. Turn on the saw.
4. Slowly push the miter gauge and tile assembly through the blade to make the cut.
5. Turn off the saw and wait for the blade to stop before removing the tile.

5.3. Bevel Cuts

1. Adjust the saw table to the desired bevel angle (22.5 or 45 degrees). Securely lock the table in place.
2. Position the tile on the tilted table.
3. Turn on the saw.
4. Carefully feed the tile through the blade, maintaining consistent pressure.
5. Turn off the saw and wait for the blade to stop before removing the tile.

6. Maintenance and Care

Regular maintenance ensures the longevity and optimal performance of your tile saw.

- **Cleaning:** After each use, especially with wet cutting, clean the saw thoroughly. Remove all tile dust and slurry from the table, water reservoir, and blade area. Use a damp cloth and mild detergent if necessary.
- **Blade Replacement:** Always unplug the saw before changing the blade. Use the appropriate wrench to loosen the blade nut. Remove the old blade and install the new 7-inch diamond blade, ensuring it is oriented correctly. Tighten the blade nut securely.
- **Water Reservoir:** Regularly empty and clean the water reservoir to prevent algae buildup and maintain pump efficiency.
- **Laser Guide:** Keep the laser guide lens clean. Replace AAA batteries as needed.
- **Storage:** Store the saw in a clean, dry place, away from direct sunlight and extreme temperatures.

7. Troubleshooting Common Issues

Refer to this table for solutions to common operational problems.

Problem	Possible Cause	Solution
Saw does not power on.	No power supply; faulty switch; tripped circuit breaker.	Check power cord connection; test outlet; reset circuit breaker; contact service if switch is faulty.
Blade not cutting efficiently or burning tile.	Dull blade; insufficient water (wet cutting); feeding too fast.	Replace blade; ensure water reservoir is full and pump is working; reduce feeding speed.
Inaccurate cuts.	Rip fence or miter gauge not locked; laser guide misaligned; unstable workpiece.	Ensure all guides are securely locked; check laser guide alignment; firmly hold workpiece.
Excessive vibration or noise.	Loose blade; damaged blade; worn bearings.	Check blade tightness; replace damaged blade; contact service for bearing issues.

8. Technical Specifications

Key specifications for the Kobalt 7-inch Wet/Dry Tabletop Tile Saw.

Specification	Value
Model Number	8f125e86-d3bf-4bc1-b21c-16ef78b40c2a
Part Number	KWS B7-06

Specification	Value
Blade Diameter	7 Inches
Power Source	Battery Powered (for laser guide), Electric (for saw)
Voltage	4.5 Volts (DC) for laser guide
Product Dimensions	45.72 x 19.81 x 36.83 cm
Item Weight	8.02 kg (17.69 Pounds)
Cutting Angle	Up to 45 Degrees (Miter and Bevel)
Included Components	7-in Blade, 2 AAA Batteries (for laser)

9. Warranty and Customer Support

For information regarding the product warranty, please refer to the warranty card included with your purchase or visit the official Kobalt website. If you encounter any issues not covered in this manual or require further assistance, please contact Kobalt customer support.

Keep your purchase receipt and model number handy when contacting support for faster service.

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