

WORKPRO WORKPRO 16 Inch Wet Concrete Saw (Model: B0DPP8HPXJ)

WORKPRO 16 Inch Wet Concrete Saw User Manual

Model: B0DPP8HPXJ

1. INTRODUCTION

Thank you for choosing the WORKPRO 16 Inch Wet Concrete Saw. This powerful tool is designed for efficient and precise cutting of concrete, stone blocks, and cement-based materials. Equipped with a 1600W motor and a wet cutting system, it ensures high performance while significantly reducing dust. Please read this manual thoroughly before operation to ensure safe and effective use of your saw.

2. SAFETY INFORMATION

Your safety is paramount. Always adhere to the following safety guidelines:

- **Blade Compatibility:** The included diamond blade is **not suitable for cutting wood**. If wood cutting is required, replace the blade with an appropriate one.
- **Personal Protective Equipment (PPE):** Always wear appropriate safety gear, including safety goggles, gloves, hearing protection, and a dust mask, during operation.
- **Wet Cutting Requirement:** Always connect a water hose and ensure the wet cutting system is active while operating the saw to cool the blade and control dust.
- **Dual Safety Switch:** The saw features a dual-switch safety system. Both the power trigger and the safety lock switch must be engaged simultaneously to activate the machine, preventing accidental startups.
- **Stable Workpiece:** Ensure the material being cut is stable and securely supported to prevent movement during operation.
- **Clear Work Area:** Keep the work area clear of obstructions and bystanders.
- **Power Supply:** Ensure the power supply matches the saw's requirements and use a GFCI protected outlet.

3. PACKAGE CONTENTS

Upon unpacking, verify that all items listed below are present and undamaged:

- 1 16 Inch Concrete Saw
- 1 Carbon Brush
- 1 Wrench
- 1 Auxiliary Handle
- 1 Water Pump
- 2 Faucet Connectors
- 2 Water Hoses
- 1 User Instruction Manual (this document)



Image: The WORKPRO 16 Inch Wet Concrete Saw with all its components and accessories laid out.

4. PRODUCT FEATURES AND COMPONENTS

Familiarize yourself with the key parts of your WORKPRO Concrete Saw:

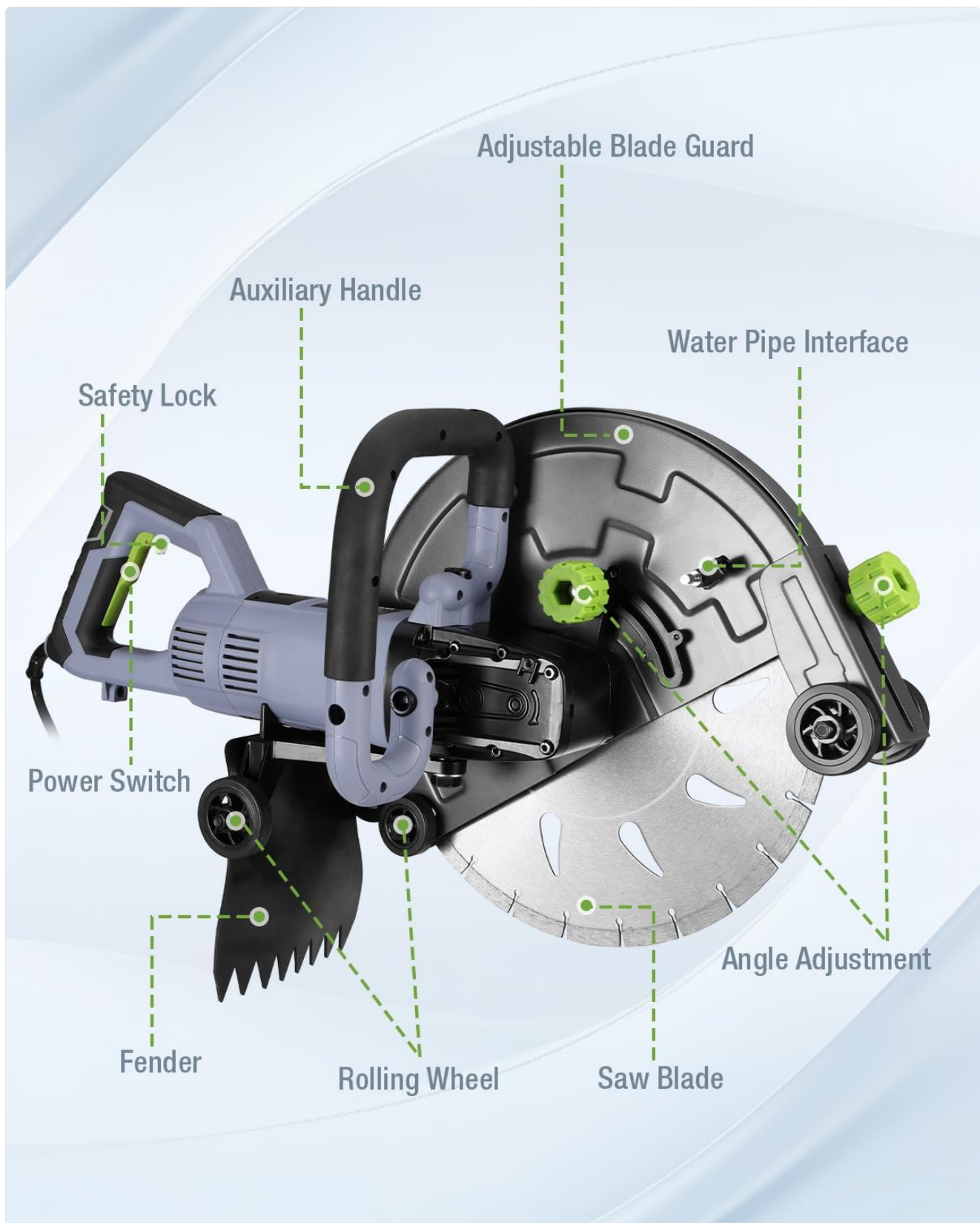


Image: Detailed diagram showing the various components of the concrete saw, including the adjustable blade guard, auxiliary handle, water pipe interface, safety lock, power switch, fender, rolling wheel, saw blade, and angle adjustment.

- **Powerful 1600W Motor:** Delivers up to 3100 RPM for efficient cutting of tough materials.



Image: An internal view highlighting the robust 1600W motor, emphasizing its power and 3100 RPM capability for effortless cutting.

- **Efficient Wet Cutting System:** Integrates water flow directly onto the blade to cool it and significantly reduce dust and airborne particles.



Image: The concrete saw in operation, demonstrating the wet cutting feature with water effectively suppressing dust during a cut.

- **Dual Safety Switch:** Requires simultaneous engagement of the power trigger and safety lock to prevent accidental starts.

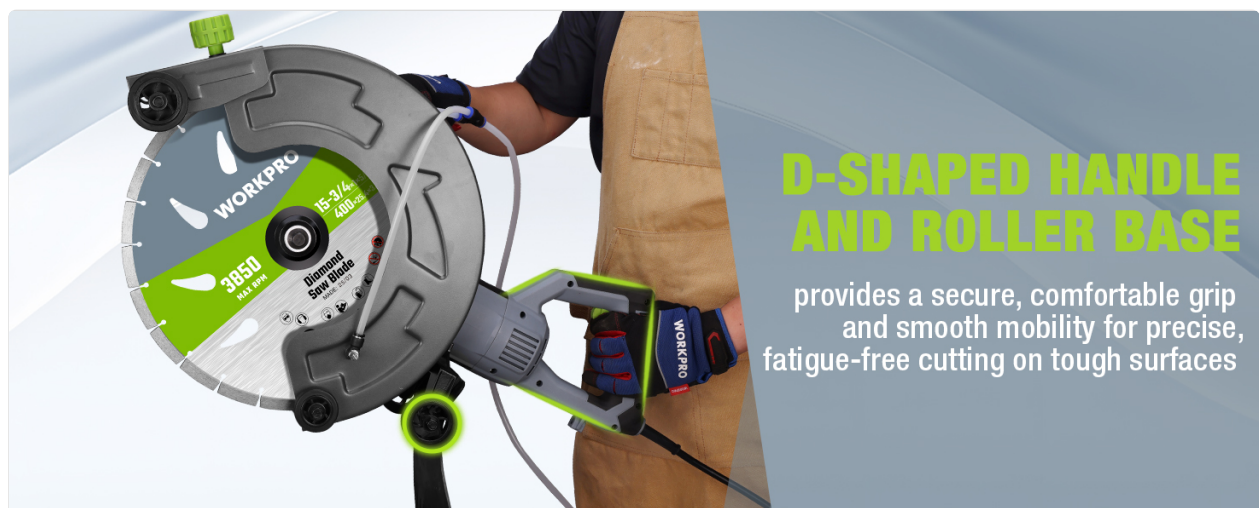


Image: A detailed view of the saw's handle, illustrating the position of the power trigger and the safety lock switch, highlighting the dual safety mechanism.

- **D-Shaped Handle & Roller Base:** Provides a secure, comfortable grip and allows the tool to glide effortlessly for stable and accurate cuts.



Image: The saw positioned on a surface, showcasing its ergonomic D-shaped handle and the smooth-rolling base designed for improved control and mobility.

- **Maximum 6.69 Inch Cutting Capacity:** Allows for deep cuts, reducing the need for multiple passes.

MAXIMUM 6.69 INCH CUTTING CAPACITY

tackles deep-cut tasks efficiently with fewer passes
and less need for extra tools or finishing work



Image: The concrete saw cutting into a block, with an overlay indicating its maximum cutting depth of 6.69 inches.

5. SETUP INSTRUCTIONS

Follow these steps to prepare your WORKPRO Concrete Saw for operation:

1. **Install the Blade:** Press the lock pin and secure the spindle. Carefully install the diamond blade, ensuring it is oriented correctly. Tighten the bolt adequately with the provided wrench.
2. **Release Spindle Lock:** Rotate the blade by hand to ensure the spindle lock has released and the blade spins

freely.

3. **Connect Water System:** Install the wet-cutting water pipe and secure it in place. Connect the water hoses to the faucet connectors and then to a water source. Ensure the water pump is correctly installed and functioning.
4. **Adjust Blade Guard:** Adjust the blade guard to the appropriate depth for your cutting task.
5. **Power Connection:** Connect the saw to a suitable power outlet.

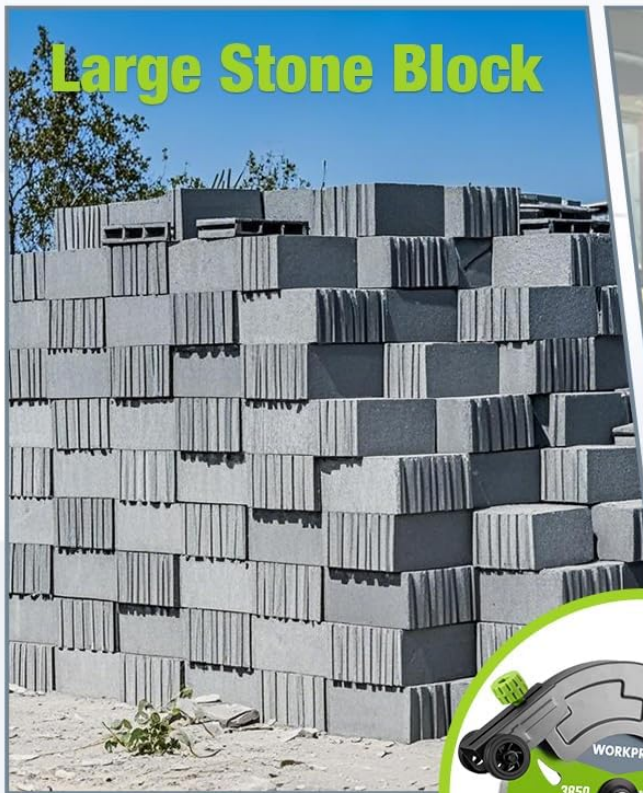


Image: A visual guide illustrating the five key steps for setting up the concrete saw, from blade installation to water system connection and initial power-on.

6. OPERATING INSTRUCTIONS

Once set up, follow these steps for safe and effective operation:

1. **Engage Safety:** Ensure you are wearing all necessary PPE.
2. **Activate Water Flow:** Turn on the water supply to the wet cutting attachment. Ensure water is flowing to the blade before starting the saw.
3. **Start the Saw:** Engage both the power trigger and the safety lock switch simultaneously to start the motor.
4. **Begin Cutting:** Gently lower the saw onto the workpiece, allowing the blade to reach full speed before making contact. Feed the machine down in line with the blade, applying steady, even pressure. Do not force the saw.
5. **Maintain Wet Cut:** Continuously monitor the water flow to ensure the blade remains cool and dust is suppressed.
6. **Complete Cut:** Once the cut is complete, release the power trigger and safety lock. Allow the blade to stop spinning before lifting the saw from the workpiece.
7. **Applications:** This saw is ideal for large stone blocks, house renovation, courtyard flooring, and house foundation work.



House Renovation



Courtyard Floor



House Foundation

Image: A collage showing various applications of the concrete saw, including cutting large stone blocks, use in house renovation, courtyard floor projects, and house foundation construction.

7. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your saw:

- **Cleaning:** After each use, disconnect the power and clean the saw thoroughly. Remove any concrete dust or

debris from the blade, guard, and motor vents.

- **Blade Inspection:** Regularly inspect the diamond blade for wear, cracks, or damage. Replace worn or damaged blades immediately.
- **Water System:** Flush the water lines and pump after use to prevent mineral buildup and blockages.
- **Carbon Brushes:** Periodically check the carbon brushes for wear. Replace them when they are significantly worn to maintain motor performance. (A spare carbon brush is included).
- **Storage:** Store the saw in a clean, dry place, away from direct sunlight and moisture.

8. TROUBLESHOOTING

If you encounter issues, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Saw does not start	Power cord not connected; Safety switch not engaged; Faulty power outlet; Worn carbon brushes.	Check power connection; Ensure both trigger and safety lock are pressed; Try another outlet; Inspect and replace carbon brushes.
Blade not cutting efficiently	Worn or dull blade; Incorrect blade for material; Insufficient water flow.	Replace blade; Ensure correct blade type; Check water supply and pump.
Excessive dust during cutting	Water system not active; Blocked water nozzles; Insufficient water pressure.	Activate water flow; Clean water nozzles; Check water pump and hose for kinks.
Saw overheats	Overloading the motor; Insufficient ventilation; Worn carbon brushes.	Reduce cutting pressure; Ensure vents are clear; Inspect and replace carbon brushes.

If the problem persists after attempting these solutions, please contact WORKPRO customer support.

9. SPECIFICATIONS

Feature	Detail
Brand	WORKPRO
Model Number	B0DPP8HPXJ
Power Source	Corded Electric
Motor Power	1600W

Feature	Detail
No-Load Speed	Up to 3100 RPM
Blade Material	Diamond Saw Blade (included)
Max Cutting Depth	6.69 inches (170mm)
Product Dimensions	27.6"L x 13"W x 11"H
Item Weight	36.4 pounds
UPC	820909615606
Manufacturer	Hang Zhou Great Star Industrial Co., Ltd.
Country of Origin	China

10. WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please contact WORKPRO customer service through their official website or the retailer where the product was purchased. Keep your purchase receipt as proof of purchase.

Manufacturer: Hang Zhou Great Star Industrial Co., Ltd.