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› Yunirvana 4.5Amp 1/2-inch Corded Impact Drill Hammer Drill User Manual

Yunirvana T0105

Yunirvana 4.5Amp 1/2-inch Corded Impact Drill Hammer Drill

Model: T0105

1. INTRODUCTION

This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your Yunirvana 4.5Amp 1/2-inch Corded Impact Drill Hammer Drill. Please read this manual thoroughly before using the tool and keep it for future reference.

2. IMPORTANT SAFETY INSTRUCTIONS

WARNING: Read all safety warnings, instructions, illustrations, and specifications provided with this power tool. Failure to follow all instructions listed below may result in electric shock, fire, and/or serious injury.

- **Work Area Safety:** Keep your work area clean and well-lit. Cluttered or dark areas invite accidents. 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. Do not expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electric shock.
- **Personal Safety:** Always wear eye protection. Use hearing protection when operating the drill for extended periods. Dress properly; avoid loose clothing or jewelry. Secure long hair.
- **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.
- **Maintenance:** Have your power tool serviced by a qualified repair person using only identical replacement parts. This will ensure that the safety of the power tool is maintained.

3. PRODUCT OVERVIEW AND COMPONENTS

Your Yunirvana Impact Drill is a versatile tool designed for various drilling tasks in wood, metal, and masonry. It features a powerful 4.5Amp motor, variable speed control, and two functions: drilling and hammer drilling.



Image 3.1: Yunirvana 4.5Amp Corded Impact Drill with included 105-piece accessory set and carrying case.

Included Components:

- 1 x Hammer Drill Unit
- 1 x Auxiliary Handle
- 1 x Depth Gauge
- 1 x Chuck Key
- 1 x Carrying Case
- 20 x Screwdriver Bits
- 60 x Drywall Plastic Anchors with Screws
- 1 x Extension Rod
- 3 x Woodwork Drill Bits (Flat)
- 21 x Drill Bits (HSS Black Oxide Twist, Wood, Construction)
- 1 x User Manual

- 1 x Warranty Card



Image 3.2: A detailed view of the comprehensive 105-piece accessory set, showcasing various drill bits, screwdriver bits, plastic anchors, screws, and the auxiliary handle.

4. SETUP

4.1 Attaching the Auxiliary Handle and Depth Gauge

The auxiliary handle provides additional control and stability during operation. It can be rotated 360 degrees for optimal positioning.

1. Loosen the auxiliary handle by rotating its grip counter-clockwise.
2. Slide the handle onto the front of the drill, positioning it as desired.
3. Insert the depth gauge into the hole on the auxiliary handle. Adjust its position to set the desired drilling depth.
4. Tighten the auxiliary handle by rotating its grip clockwise to secure it and the depth gauge in place.



Image 4.1: Illustration demonstrating the 360-degree rotation of the auxiliary handle and the proper setup of the depth gauge for precise drilling depth control.

4.2 Installing Drill Bits

The drill is equipped with a 1/2-inch keyed chuck for secure bit retention.

1. Ensure the drill is unplugged from the power source before changing bits.
2. Insert the chuck key into one of the holes on the chuck.
3. Rotate the chuck key counter-clockwise to open the chuck jaws.
4. Insert the desired drill bit into the chuck, ensuring it is centered and fully seated.
5. Rotate the chuck key clockwise to tighten the chuck jaws firmly around the drill bit. Ensure the bit is securely held to prevent slippage during operation.
6. Remove the chuck key from the chuck before operating the drill.

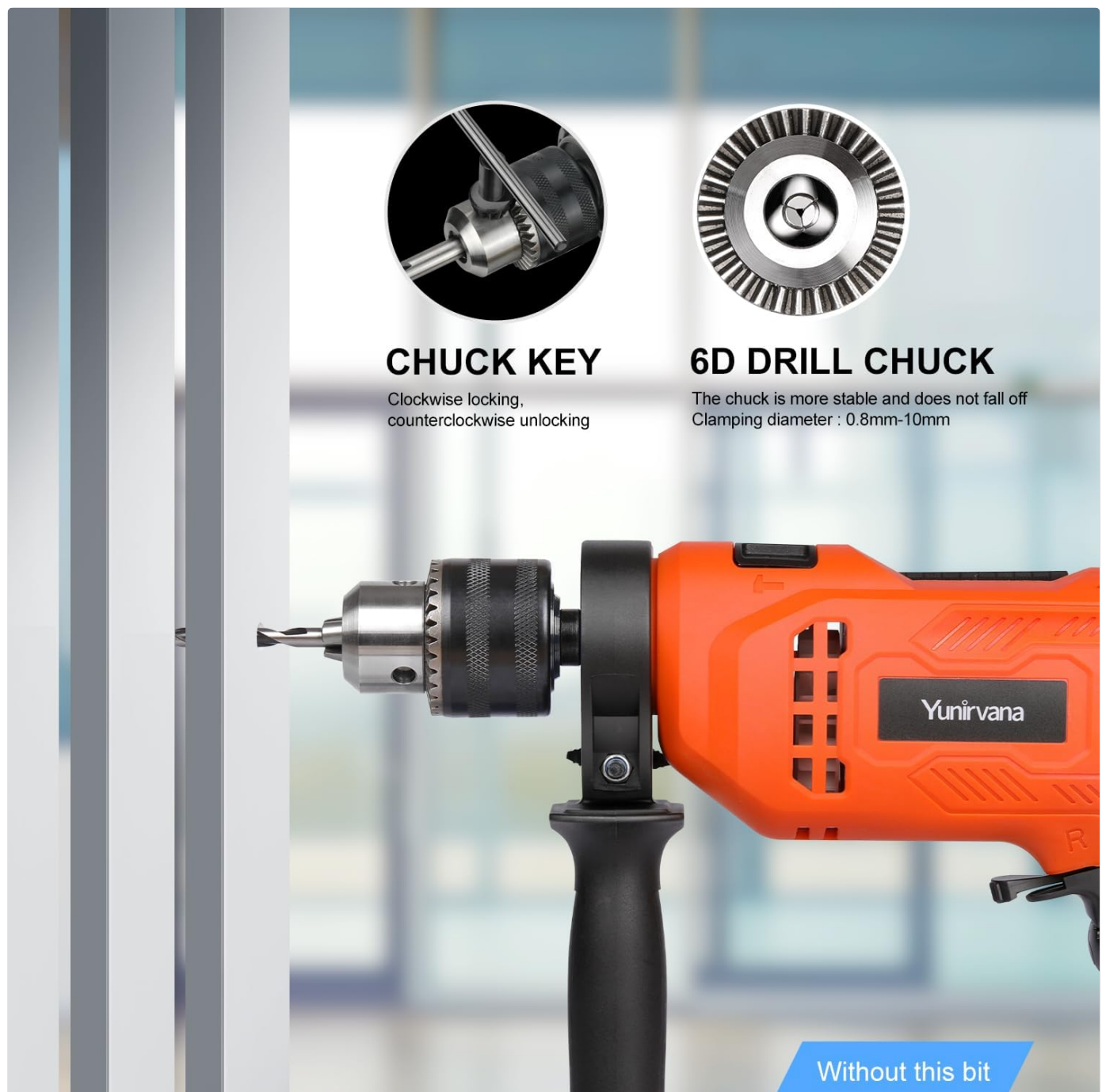


Image 4.2: A close-up view of the drill's keyed chuck, illustrating the use of the chuck key for securely locking and unlocking drill bits.

5. OPERATING INSTRUCTIONS

5.1 Powering On/Off and Variable Speed Control

The drill features a variable speed trigger and a speed setting knob for precise control.

1. **To Start:** Plug the drill into a suitable power outlet. Press the trigger switch to start the drill. The speed will vary depending on how far the trigger is pressed.
2. **To Stop:** Release the trigger switch.
3. **Variable Speed Setting Knob:** Use the speed setting knob (0-3000 RPM) to pre-set the maximum speed for specific applications. Rotate the knob to increase or decrease the maximum speed.
4. **Trigger Lock Button:** For continuous operation, press the trigger lock button while the trigger is depressed. To release, press the trigger again.



12-Speed Regulation

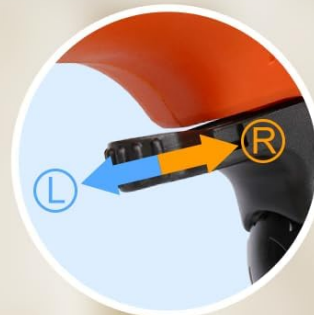
Selecting the appropriate setting from the 12 options based on the operation's varying impact intensity can make the work more convenient

Image 5.1: A close-up view of the drill's 12-speed regulation knob, allowing users to select the appropriate speed for varying impact intensity.



Trigger Lock Bottom

With lock button to enable you to lock the speed without a constant grip on the trigger to reduce fatigue.



Forward / Reverse Lever

Easy to access forward/reverse lever makes backing out a bit quick and easy, and can be operated with one hand



Image 5.2: This image highlights the trigger lock button for continuous operation and the forward/reverse lever for easy bit removal.

5.2 Forward/Reverse Lever

The forward/reverse lever is located above the trigger and allows you to change the direction of rotation.

- Push the lever to the left for forward rotation (drilling).
- Push the lever to the right for reverse rotation (removing screws or freeing a stuck bit).

CAUTION: Always ensure the drill has come to a complete stop before changing the direction of rotation.

5.3 Mode Selection (Drill vs. Hammer Drill)

Your drill offers two modes: standard drilling and hammer drilling. Select the appropriate mode based on the material you are working with.

- **Drill Mode (Electric Drill):** For drilling in wood, metal, plastic, and other softer materials. This mode provides rotational action only.
- **Hammer Drill Mode (Impact Drill):** For drilling in masonry, concrete, and brick. This mode combines rotational

action with a hammering motion to break through tough materials.

To switch modes, locate the selector switch on the top of the drill and slide it to the desired icon.



Image 5.3: This diagram illustrates the two operational modes: Hammer Drill for impact drilling in concrete and Electric Drill for standard drilling in various materials.

6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your drill.

- **Cleaning:** After each use, wipe down the drill with a clean, damp cloth. Do not use harsh chemicals or abrasive cleaners. Keep ventilation openings clear of dust and debris.
- **Chuck Care:** Periodically clean the chuck jaws to ensure proper gripping of drill bits. Apply a small amount of light machine oil to the chuck jaws if they become stiff.
- **Cord Inspection:** Regularly inspect the power cord for any signs of damage, cuts, or fraying. If damaged, have it replaced by a qualified technician.

- **Storage:** Store the drill and its accessories in the provided carrying case in a dry, secure location, out of reach of children.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your drill.

Problem	Possible Cause	Solution
Drill does not start.	No power supply. Faulty power cord/plug. Trigger switch malfunction.	Check power outlet. Inspect cord for damage; replace if necessary. Contact customer support.
Drill bit slips in chuck.	Chuck not tightened sufficiently. Chuck jaws are dirty or worn.	Ensure chuck is tightened firmly with the chuck key. Clean chuck jaws; if worn, replace chuck.
Overheating during use.	Overloading the drill. Blocked ventilation slots.	Reduce pressure; allow drill to cool. Clear all ventilation slots.
Poor drilling performance.	Dull or incorrect drill bit. Incorrect mode selected. Insufficient speed.	Use sharp, appropriate drill bit for material. Ensure correct mode (Drill/Hammer Drill) is selected. Adjust speed setting knob.

8. SPECIFICATIONS

Technical specifications for the Yunirvana 4.5Amp 1/2-inch Corded Impact Drill Hammer Drill.

Feature	Specification
Brand	Yunirvana
Model Number	T0105
Power Source	Corded Electric
Voltage	120 Volts
Amperage	4.5 Amps
Maximum Rotational Speed	3000 RPM
Maximum Chuck Size	1/2 inch (13 Millimeters)
Maximum Power	600 Watts
Drill Type	Hammer Drill
Special Feature	Variable Speed
Product Dimensions	15.75"L x 12.2"W x 4.72"H
Item Weight	7.89 pounds
Material	Metal
Color	Orange

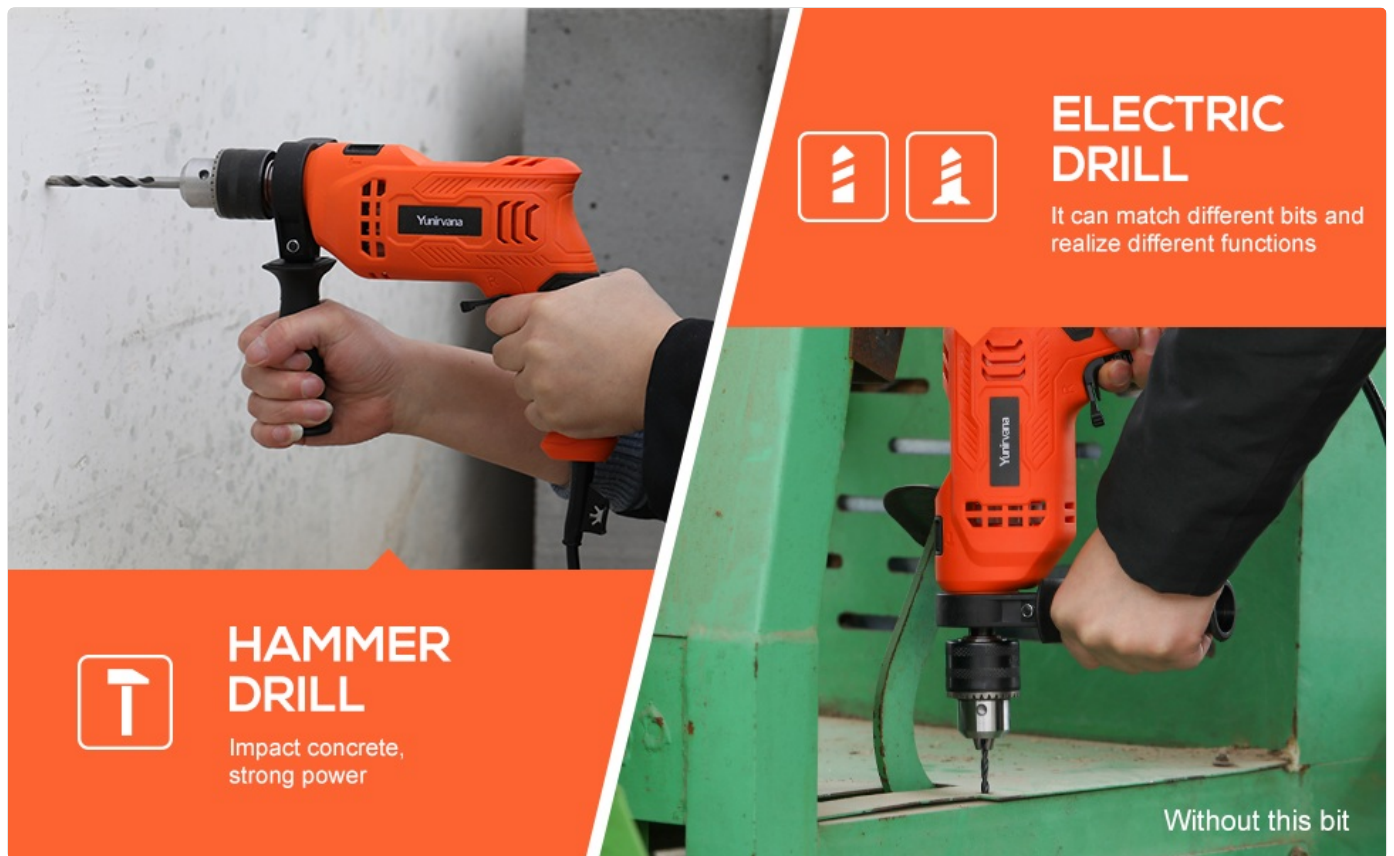


Image 8.1: Visual representation of key technical parameters of the drill, including voltage, no-load speed, rated power, and chuck capacity.

9. WARRANTY AND SUPPORT

Your Yunirvana 4.5Amp 1/2-inch Corded Impact Drill Hammer Drill comes with a warranty card included in the package.

Please refer to the warranty card for specific terms and conditions of your product's warranty coverage.

For technical support, parts, or service inquiries, please contact Yunirvana customer service through the retailer's platform or visit the official Yunirvana brand store online. Keep your purchase receipt and model number (T0105) handy when contacting support.

For more information, you may also refer to the official [User Manual \(PDF\)](#).

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