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› WnewTools 1200W Electric Hand Trimmer User Manual

WnewTools ATOOL1436024

1200W 220V 6.35mm 1/4" Electric Hand Trimmer Wood Laminate Palm Router Joiner Tool

Brand: WnewTools | Model: ATOOL1436024

INTRODUCTION

This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your WnewTools 1200W Electric Hand Trimmer. Please read this manual thoroughly before using the tool to ensure proper handling and to prevent injury or damage.



Image: The WnewTools 1200W Electric Hand Trimmer, showcasing the tool itself, its retail packaging, and various included accessories such as wrenches and guide assemblies.

SAFETY INSTRUCTIONS

Always follow basic safety precautions when using electrical tools to reduce the risk of fire, electric shock, and personal injury.

- **Work Area Safety:** Keep the 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 abuse the cord. Never use the cord for carrying, pulling, or unplugging the power tool. Keep cord away from heat, oil, sharp edges, or moving parts.
- **Personal Safety:** Always wear eye protection. Use dust mask, non-skid safety shoes, hard hat, or hearing protection for appropriate conditions. Dress properly. Do not wear loose clothing or jewelry. Keep your hair and clothing away from moving parts.
- **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:** Maintain power tools and accessories. Check for misalignment or binding of moving parts, breakage of parts,

and any other condition that may affect the power tool's operation.

PACKAGE CONTENTS

Upon opening the package, verify that all the following items are included and in good condition:

- 1 x Wood Electric Trimmer
- 2 x Wrenches
- 1 x Trimmer Guide Assembly
- 1 x Straight Guide Assembly
- 1 x English Manual



Image: All components included in the package for the WnewTools Electric Hand Trimmer, neatly laid out. This includes the main trimmer unit, two wrenches, and various guide attachments.

SPECIFICATIONS

Feature	Specification
Color	Black
Material	Aluminum + Plastic
Voltage	220V
Input Power	1200W
No Load Speed	35000r/min
Frequency	50HZ
Collet Diameter	6.35mm (1/4")
Item Weight	1.94 pounds (approx. 880 grams)
Product Dimensions	8.66 x 3.15 x 5.91 inches

SETUP

Before operating the trimmer, ensure it is properly set up and secured.

1. Install the Router Bit:

Ensure the trimmer is unplugged. Loosen the collet nut using one of the provided wrenches. Insert the desired 6.35mm (1/4") router bit into the collet. Tighten the collet nut firmly with the wrench, ensuring the bit is securely held.



Image: A detailed view of the trimmer's transparent base and collet, illustrating where the router bit is inserted and secured.

2. Attach Guide Assemblies (if needed):

For specific trimming tasks, attach the Trimmer Guide Assembly or Straight Guide Assembly to the base of the tool. Secure them using the provided screws and knobs. Adjust the guide to the desired depth or offset for your application.



Image: The electric trimmer with a guide assembly attached to its base, demonstrating how accessories are mounted for precise routing and trimming operations.

3. Adjust Cutting Depth:

The transparent base allows for clear visibility. Adjust the depth of cut by loosening the locking mechanism on the side of the base, moving the motor housing up or down, and then re-tightening the lock. Perform a test cut on scrap material to verify the depth.



Image: A close-up view of the trimmer's transparent base, highlighting the adjustment mechanism for setting the cutting depth.

OPERATING INSTRUCTIONS

Follow these steps for safe and effective operation of your electric hand trimmer.

1. **Power Connection:**

Plug the 3C power cord into a compatible 220V, 50Hz power outlet. Ensure the power switch on the tool is in the "OFF" position before plugging in.

2. **Starting the Tool:**

Hold the trimmer firmly with both hands using the covered rubber handle. Press the one-touch toggle switch to turn the tool "ON". The motor will quickly reach its no-load speed of 35000r/min.



Image: Rear view of the electric trimmer, illustrating the robust power cord connection and the location of the one-touch toggle switch for easy operation.

3. Performing the Cut:

Place the base of the trimmer flat on the workpiece. Slowly and steadily guide the tool along the desired cutting line. Apply consistent, moderate pressure. Avoid forcing the tool, as this can lead to poor cut quality and motor strain. The transparent base allows for clear visibility of the cutting path.

Wood Laminator Router 1200w 220V



Image: A user demonstrating the application of the WnewTools Electric Hand Trimmer on a wooden workpiece, highlighting its use for carving, slotting, trimming, and edge folding.

4. Finishing the Cut:

Once the cut is complete, lift the tool from the workpiece and then press the toggle switch to turn it "OFF". Wait for the bit to come to a complete stop before setting the tool down.

MAINTENANCE

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

- **Cleaning:** After each use, unplug the tool and use a brush or compressed air to remove sawdust and debris from the motor vents, collet area, and base. Do not use solvents or harsh chemicals.
- **Carbon Brush Replacement:** The external carbon brushes are designed for easy replacement. If the tool experiences reduced power or intermittent operation, the carbon brushes may need to be replaced. Refer to the diagram in the included English Manual for the exact location and procedure. Always use genuine replacement carbon brushes.
- **Storage:** Store the trimmer in a dry, clean place, out of reach of children. Protect the power cord from damage.

TROUBLESHOOTING

Refer to this table for common issues and their potential solutions.

Problem	Possible Cause	Solution
Tool does not start	No power supply; Faulty power cord/plug; Worn carbon brushes.	Check power outlet and connection; Inspect power cord for damage; Replace carbon brushes.
Reduced power or intermittent operation	Worn carbon brushes; Overload; Loose connections.	Replace carbon brushes; Reduce load on the tool; Check all connections.
Excessive vibration	Loose router bit; Damaged router bit; Bent shaft.	Ensure bit is securely tightened; Replace damaged bit; Contact service center if shaft is bent.
Motor overheating	Continuous heavy use; Blocked ventilation slots.	Allow tool to cool down; Clear ventilation slots; Avoid prolonged heavy loads.

WARRANTY AND SUPPORT

For warranty information, technical support, or to order replacement parts, please contact WnewTools customer service through their official website or the retailer from whom you purchased the product. Please have your model number (ATOOL1436024) and purchase date available when contacting support.