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> Hanchen YJ-50 Φ 50mm Electric Cutter Replacement Blade Instruction Manual

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Model: YJ-50 | Brand: Hanchen

1. PRODUCT OVERVIEW

This manual provides instructions for the Hanchen YJ-50 Φ 50mm Electric Cutter Replacement Blade. This blade is designed for use with the Hanchen YJ-50 electric cutter, offering precise cutting for various materials up to 10mm in thickness. It is crucial to read and understand these instructions before installation and operation to ensure safety and optimal performance.



Figure 1: Hanchen YJ-50 Φ 50mm Electric Cutter Replacement Blade (Front View)



Figure 2: Close-up view of the Hanchen YJ-50 Φ 50mm Electric Cutter Replacement Blade

1.1 Applicable Materials

- **Clothing Materials:** Fur, cashmere, wool, silk, and similar fabrics.
- **Rubber Products:** Materials used in raincoats, rain boots, wetsuits.
- **Leather Products:** Leather for shoes, belts, bags, and other accessories.
- **Textiles:** Various cloths, straps, and threads.
- **Paper Products:** Cardboard and other paper-based materials.
- **Other:** Blankets, carpets, craft materials, umbrella fabrics, hat materials, and certain bulletproof clothing fabrics.

2. SAFETY INSTRUCTIONS

Always prioritize safety when handling sharp blades and operating power tools. Failure to follow these instructions may result in injury or damage to the equipment.

- **Personal Protective Equipment:** Always wear appropriate safety glasses and gloves when handling or replacing the blade.
- **Power Disconnection:** Ensure the electric cutter is unplugged from the power source before attempting any blade installation, removal, or maintenance.
- **Sharp Edges:** Blades are extremely sharp. Handle with extreme care to prevent cuts.
- **Secure Installation:** Ensure the blade is correctly and securely installed before operating the electric cutter. A loose

blade can be hazardous.

- **Keep Clear:** Keep hands and other body parts away from the blade during operation.
- **Storage:** Store replacement blades in their original packaging or a protective container, out of reach of children and unauthorized personnel.
- **Disposal:** Dispose of dull or damaged blades responsibly, ensuring they are safely contained to prevent injury.

3. INSTALLATION OF REPLACEMENT BLADE

Follow these steps to safely replace the blade on your Hanchen YJ-50 electric cutter.

1. **Disconnect Power:** Unplug the Hanchen YJ-50 electric cutter from the power outlet.
2. **Remove Old Blade:** Carefully locate the blade retention mechanism on your electric cutter. Using the appropriate tool (usually a wrench or screwdriver provided with the cutter), loosen the fasteners holding the old blade in place. Remove the old blade, handling it by its dull edges if possible.
3. **Clean Blade Area:** Clean any debris or material residue from the blade mounting area on the cutter.
4. **Position New Blade:** Align the new Hanchen YJ-50 $\Phi 50\text{mm}$ replacement blade with the mounting points on the electric cutter. Ensure the blade is seated correctly and flush against the mounting surface.
5. **Secure New Blade:** Re-install and tighten the fasteners to secure the new blade firmly. Do not overtighten, but ensure there is no wobble or play in the blade.
6. **Verify Installation:** Gently rotate the blade by hand (with power still disconnected) to ensure it spins freely and is properly aligned.
7. **Reconnect Power:** Once the blade is securely installed and verified, you may plug the electric cutter back into the power source.

4. OPERATING GUIDELINES

While this manual focuses on the blade, proper operation of the electric cutter with the new blade is essential for effective and safe cutting.

- **Material Preparation:** Ensure the material to be cut is laid flat and free of obstructions.
- **Cutting Technique:** Guide the electric cutter smoothly and steadily through the material. Avoid forcing the blade, as this can lead to uneven cuts or blade damage.
- **Cutting Thickness:** The Hanchen YJ-50 blade is designed for materials up to 10mm thick. Do not attempt to cut materials exceeding this thickness, as it can strain the motor and damage the blade.
- **Overheating:** If the cutter or blade becomes excessively hot, discontinue use and allow it to cool down before resuming operation.



Figure 3: Demonstrating cutting material up to 10mm thick with the electric cutter and YJ-50 blade.



Figure 4: The YJ-50 blade is also suitable for cutting harder materials within its specified thickness limit.

5. MAINTENANCE AND STORAGE

Proper maintenance and storage extend the life of your blade and ensure consistent cutting performance.

- **Cleaning:** After each use, disconnect the power and carefully clean any accumulated material or debris from the blade and its surrounding area using a brush or cloth.
- **Blade Sharpness:** Regularly inspect the blade for sharpness. A dull blade will reduce cutting efficiency and may damage materials. Replace the blade when it becomes dull or damaged.
- **Lubrication:** Refer to your electric cutter's manual for any specific lubrication requirements related to the blade mechanism.
- **Storage:** Store unused replacement blades in a dry, cool place, preferably in their original protective packaging, away from moisture and corrosive substances. Keep them out of reach of children.

6. TROUBLESHOOTING

If you encounter issues, consider the following common problems related to the blade.

Problem	Possible Cause	Solution
Poor cutting performance / Ragged edges	Dull or damaged blade; Incorrect blade installation; Material too thick.	Replace the blade; Re-install the blade correctly; Ensure material is within 10mm thickness.
Blade wobbles or vibrates	Loose blade fasteners; Incorrect blade installation; Damaged blade.	Tighten fasteners; Re-install the blade correctly; Replace the blade if damaged.
Cutter motor strains during operation	Dull blade; Material too thick or hard; Blade binding.	Replace the blade; Do not cut materials exceeding 10mm or excessively hard materials; Check for material obstruction.

If problems persist after following these steps, please refer to the Hanchen YJ-50 electric cutter's main instruction manual or contact customer support.

7. SPECIFICATIONS

- **Model:** YJ-50 Replacement Blade
- **Blade Diameter:** $\Phi 50\text{mm}$
- **Maximum Cutting Thickness:** 10mm
- **Compatibility:** Designed specifically for Hanchen YJ-50 Electric Cutters (Reference ASIN for cutter: B077YTMC56)
- **Material:** High-quality steel

8. CONTACT AND SUPPORT

For further assistance, technical support, or inquiries regarding this replacement blade, please contact Hanchen customer service.

You can find more information about Hanchen products and support on their official website or through your purchase platform.

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