

## Duokon HS81, HS81R, HS81RC, HS81T, HS81TC

# Duokon Hedge Trimmer Replacement Blade Set Instruction Manual

Models: HS81, HS81R, HS81RC, HS81T, HS81TC

## 1. INTRODUCTION

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This manual provides essential instructions for the safe and effective installation, operation, and maintenance of your Duokon replacement blade set for compatible hedge trimmers. Please read this manual thoroughly before attempting any installation or use to ensure proper function and safety.

## 2. SAFETY INFORMATION

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Always prioritize safety when handling and installing hedge trimmer blades. Failure to follow safety guidelines can result in serious injury.

- **Personal Protective Equipment (PPE):** Always wear appropriate PPE, including heavy-duty gloves, eye protection (safety glasses or goggles), and sturdy footwear when handling or installing blades.
- **Power Disconnection:** Ensure the hedge trimmer is completely turned off and disconnected from its power source (unplugged or battery removed) before performing any maintenance, installation, or cleaning.
- **Dry Conditions:** Use the hedge trimmer and perform blade maintenance in dry conditions. Avoid wet environments to prevent electrical hazards (for electric models) and to maintain a secure grip.
- **Keep Away from Children:** Store blades and hedge trimmers out of reach of children.
- **Sharp Edges:** Blades are extremely sharp. Handle with extreme care to avoid cuts.

## 3. PRODUCT FEATURES

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The Duokon replacement blade set offers the following characteristics:

- High performance and durability for effective trimming.
- Brand new and high-quality bar blade construction.
- Manufactured from stainless steel, providing rust-proof properties and enhanced durability.
- Designed for ease of use and straightforward installation.
- Specifically suitable for Stihl hedge trimmer models HS81, HS81R, HS81RC, HS81T, HS81TC.

## 4. COMPATIBILITY

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This replacement blade set is compatible with the following hedge trimmer models:

- Stihl HS81
- Stihl HS81R
- Stihl HS81RC
- Stihl HS81T
- Stihl HS81TC

Please verify your hedge trimmer model before installation to ensure proper fit and function.

## 5. SETUP AND INSTALLATION

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Follow these steps to safely replace your hedge trimmer blades:

1. **Prepare for Installation:** Ensure the hedge trimmer is turned off and completely disconnected from its power source. Wear heavy-duty gloves to protect your hands from sharp edges.
2. **Remove Old Blades:** Locate the fasteners (usually bolts or screws) that secure the existing blades to the hedge trimmer. Use appropriate tools (e.g., a wrench or screwdriver) to carefully loosen and remove these fasteners. Detach the old blades and set them aside for proper disposal.
3. **Clean Blade Area:** Thoroughly clean any accumulated debris, sap, or dirt from the blade mounting area on the hedge trimmer. This ensures a proper fit for the new blades.
4. **Position New Blades:** Carefully align the new Duokon replacement blades with the mounting holes on the hedge trimmer. Ensure they are oriented correctly according to your trimmer's design.
5. **Secure New Blades:** Insert the fasteners through the mounting holes and tighten them securely. Do not overtighten, but ensure the blades are firmly attached and do not wobble.
6. **Initial Check:** Once installed, manually move the blades (with power still disconnected) to ensure they move freely and without obstruction.
7. **Test Operation:** Reconnect the hedge trimmer to its power source. In a safe, clear area, briefly turn on the trimmer to ensure the new blades operate smoothly and without unusual noise or vibration.



Image: Duokon hedge trimmer replacement blade showing its overall length of 77.5 cm.



Image: Detailed view of the blade's attachment mechanism, showing the bolt and securing plate.

## 6. OPERATING INSTRUCTIONS

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Once the new blades are installed, operate your hedge trimmer according to its original manufacturer's instructions, keeping the following in mind:

- **Pre-Operation Check:** Before each use, inspect the blades for any signs of damage, dullness, or looseness. Ensure all fasteners are tight.
- **Proper Grip:** Always maintain a firm grip on the hedge trimmer with both hands during operation.
- **Cutting Technique:** Cut away from your body and maintain a stable stance. Avoid overreaching.
- **Material Limits:** Do not attempt to cut branches or materials that exceed the hedge trimmer's specified cutting capacity. Forcing the blades can cause damage to the blades or the trimmer.
- **Clear Work Area:** Ensure your work area is clear of obstacles, people, and pets before starting.

# Lame de Taille-haie



Image: A person demonstrating the use of a hedge trimmer, highlighting the application of the replacement blades for trimming hedges.

## 7. MAINTENANCE

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Regular maintenance extends the life of your blades and ensures optimal cutting performance.

- **Cleaning:** After each use, disconnect power and carefully clean the blades. Remove sap, leaves, and other debris using a stiff brush or cloth.
- **Lubrication:** Apply a light machine oil or specialized blade lubricant to the blades after cleaning. This prevents rust and ensures smooth operation.
- **Sharpening:** Over time, blades will become dull. For best results, have the blades professionally sharpened or use a suitable blade sharpening tool. Follow the original trimmer manufacturer's guidelines for sharpening.
- **Storage:** Store the hedge trimmer with the blades in a dry, secure location, ideally with a blade cover to protect the edges and prevent accidental contact.



Image: A close-up view of the blade teeth, emphasizing the cutting edge that requires regular cleaning and maintenance.

## 8. TROUBLESHOOTING

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If you encounter issues with your hedge trimmer after blade replacement, consider the following:

- **Poor Cutting Performance:** If the blades are not cutting effectively, they may be dull or damaged. Inspect the cutting edges for nicks or bends. Sharpen or replace the blades if necessary.
- **Excessive Vibration:** Unusual vibration can indicate that the blades are not properly secured, are bent, or are unbalanced. Disconnect power, check all fasteners for tightness, and inspect the blades for any damage.

or deformation.

- **Rust on Blades:** Although made of stainless steel, prolonged exposure to moisture without proper cleaning and lubrication can lead to rust. Ensure blades are cleaned and lightly oiled after each use and stored in a dry environment.
- **Blades Not Moving Freely:** If the blades are stiff or jammed, ensure no debris is obstructing their movement. Check for proper installation and lubrication.

## 9. SPECIFICATIONS

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Key specifications for the Duokon Hedge Trimmer Replacement Blade Set:

Attribute	Value
Brand	Duokon
Product Dimensions	77.5 x 6 x 2 cm
Product Weight	40 grams
Material	Stainless Steel
Cutting Width (Blade)	6 Centimeters
Compatible Models	Stihl HS81, HS81R, HS81RC, HS81T, HS81TC

## 10. WARRANTY AND SUPPORT

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Specific warranty information for this Duokon replacement blade set is not provided in the product details. For any warranty claims or technical support, please refer to the retailer where the product was purchased or contact Duokon customer service directly through their official channels.