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› DocSmart 20-inch Cordless Hedge Trimmer (Model HT02-B) User Manual

DocSmart HT02-B

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INTRODUCTION

Thank you for choosing the DocSmart 20-inch Cordless Hedge Trimmer. This manual provides essential information for the safe operation, maintenance, and troubleshooting of your new tool. Please read this manual thoroughly before first use and keep it for future reference. Proper use and care will ensure optimal performance and extend the life of your hedge trimmer.

IMPORTANT SAFETY INSTRUCTIONS

Always prioritize safety when operating power tools. Failure to follow these instructions may result in serious injury or property damage.

- **Personal Protective Equipment:** Always wear safety goggles to protect your eyes from debris and gloves to protect your hands during operation.
- **Dual Safety Lock:** The hedge trimmer is equipped with a safety lock to prevent accidental activation. Ensure you understand its operation before starting the tool.
- **Blade Guard:** Always use the provided blade guard when the trimmer is not in use or during transport to prevent accidental contact with the blades.
- **Clear Work Area:** Keep the work area clear of bystanders, children, and pets. Remove any obstacles that could interfere with trimming.
- **Inspect Before Use:** Before each use, inspect the trimmer for any damage, loose parts, or worn blades. Do not operate a damaged tool.
- **Cutting Capacity:** This trimmer is designed for cutting branches up to 2/3 inches thick. For branches thicker than 1/2 inch, proceed with caution. For hardwood or branches exceeding 2/3 inches, use specialized tools like pruning shears or a mini chainsaw to avoid damaging the trimmer.
- **Avoid Overloading:** Do not force the tool to cut through branches that are too thick or dense. If the blade gets stuck, immediately disconnect the battery to prevent engine damage.
- **Battery Safety:** Use only the specified DocSmart batteries and charger. Do not expose batteries to extreme temperatures or moisture.

PACKAGE CONTENTS

Verify that all items are present in your package:

- 1x DocSmart Hedge Trimmer (Model HT02-B)
- 1x Blade Guard
- 2x 2000mAh Lithium-Ion Batteries
- 1x Auxiliary Front Handle
- 1x Safety Goggles
- 1x Pair of Work Gloves
- 1x Screw Kit
- 1x Dual-head Screwdriver (Slotted/Phillips)
- 1x Battery Charger (Plug-in type)
- 1x User Manual



Image: The DocSmart 20-inch Cordless Hedge Trimmer shown with all included accessories: the trimmer unit, two batteries, charger, blade guard, safety goggles, work gloves, and a screwdriver.

SPECIFICATIONS

Brand	DocSmart
Model Number	HT02-B
Power Source	Battery Powered
Product Dimensions (LxWxH)	35.8" x 6.9" x 6.8"
Item Weight	4.4 Pounds
Blade Length	20 Inches
Blade Material	Mn65 Steel
Maximum Cutting Thickness (Blade Gap)	0.67 Inches
Motor Speed	Up to 3000 RPM
Battery Type	Lithium-Ion
Battery Capacity	2x 2000mAh
Approximate Working Time per Battery	120 minutes
Approximate Charging Time per Battery	2 hours

SETUP

1. Battery Charging

Before initial use, fully charge both batteries. Each 2000mAh Lithium-Ion battery takes approximately 2 hours to reach full charge using the provided plug-in charger. The battery features indicator lights; one green light represents 25% charge.

- Connect the charger to a standard power outlet.
- Insert the battery into the charger.
- Allow the battery to charge until all indicator lights show full charge.
- Disconnect the battery from the charger once fully charged.

Long Lasting Battery

2000+2000 mAh



Image: Two DocSmart Lithium-Ion batteries with indicators for 120 minutes working time and 2 hours charging time.

2. Assembly

The hedge trimmer blades come pre-assembled and pre-oiled. Minimal assembly is required before first use.

1. **Attach the Blade Guard:** Secure the blade guard (baffle) to the trimmer as instructed in the diagram. This protects the blades and prevents accidental contact.
2. **Install the Auxiliary Front Handle:** Attach the auxiliary handle to the designated position on the trimmer body. Ensure it is securely fastened for a firm grip during operation.
3. **Insert Battery:** Once fully charged, slide a battery into the battery compartment until it clicks securely into place.

OPERATING INSTRUCTIONS

1. Starting and Stopping the Trimmer

The DocSmart hedge trimmer features a dual safety lock mechanism to prevent unintentional starting.

- **To Start:** Press and hold the safety button (typically located on the side of the handle), then squeeze the power switch (trigger). Release the safety button once the trimmer starts.
- **To Stop:** Release the power switch. The blades will stop moving.



Image: Close-up view of the hedge trimmer handle highlighting the safety buttons and power switch for dual safety lock operation.

2. Trimming Techniques

The 180° rotatable head allows for versatile trimming angles, making it easier to shape hedges and bushes in various positions.

- **Adjusting the Head:** To rotate the head, locate the rotation mechanism (usually a button or lever near the handle base), activate it, adjust the head to the desired angle (e.g., 90° left, horizontal, 90° right), and lock it into position.
- **Cutting Motion:** Use a smooth, sweeping motion to cut. Avoid jabbing or forcing the blades into dense material.
- **Ergonomics:** The lightweight design (4.4 lbs) and ergonomic non-slip handle ensure comfortable use, reducing fatigue during extended operation.

180° rotating handle



Image: Three panels illustrating the 180° rotating handle feature, showing the trimmer head rotated right 90°, in a horizontal position, and rotated left 90°.



Image: A man wearing safety glasses and ear protection uses the hedge trimmer to precisely trim a green bush, demonstrating the tool's cutting performance.

Lightweight & Cordless

User Friendly for Elderly and Family Temporary Work



Image: A woman in a hat and work clothes easily operates the lightweight cordless hedge trimmer to trim a low hedge, emphasizing its user-friendly design.

MAINTENANCE

1. Blade Care

To maintain cutting efficiency and prevent rust, it is crucial to care for the blades.

- **Oiling:** After each use, apply a thin layer of liquid oil to the blades. This lubricates them and helps prevent corrosion.
- **Sharpening:** If the blades become dull, they may need professional sharpening or replacement. Refer to the manufacturer's guidelines for blade sharpening.

2. Cleaning

Regular cleaning ensures optimal performance and longevity.

- **Disconnect Power:** Always remove the battery before cleaning the trimmer.
- **Remove Debris:** Use a stiff brush or compressed air to remove leaves, twigs, and sap from the blades and motor housing.
- **Wipe Down:** Wipe the exterior of the trimmer with a damp cloth. Do not use harsh chemicals or abrasive cleaners.

3. Storage

Store the hedge trimmer properly to protect it from damage and prolong its life.

- **Clean and Oil:** Ensure the trimmer is clean and the blades are oiled before storage.
- **Attach Blade Guard:** Always place the blade guard over the blades when storing.
- **Remove Battery:** Remove the battery from the trimmer before long-term storage. Store batteries in a cool, dry place.
- **Secure Location:** Store the trimmer in a dry, secure location out of reach of children and away from extreme temperatures.

TROUBLESHOOTING

This section addresses common issues you might encounter with your hedge trimmer.

Problem	Possible Cause	Solution
Trimmer does not start	Battery not charged or improperly inserted; Safety lock not engaged correctly; Power switch faulty.	Ensure battery is fully charged and securely inserted. Confirm both safety button and power switch are pressed simultaneously. If issue persists, contact support.
Blades are not cutting effectively	Dull blades; Blades clogged with debris; Attempting to cut branches too thick.	Clean blades thoroughly. Oil blades. Sharpen or replace blades if dull. Do not attempt to cut branches exceeding 2/3 inch in diameter.
Trimmer stops during operation	Battery depleted; Overload protection activated (e.g., blade stuck).	Replace with a charged battery. If a branch is stuck, immediately remove the battery, then carefully clear the obstruction. Do not force the trimmer.
Excessive vibration or noise	Loose components; Damaged blades; Internal motor issue.	Check for any loose screws or parts and tighten them. Inspect blades for damage. If the issue persists, discontinue use and contact customer support.

WARRANTY AND SUPPORT

Specific warranty details for the DocSmart 20-inch Cordless Hedge Trimmer (Model HT02-B) are not provided within this manual. For warranty information, product support, or to purchase replacement parts, please contact DocSmart customer service directly or visit the official DocSmart website.

You can often find contact information on the product packaging or by visiting the DocSmart Store on Amazon.

