

DocSmart HT02-G

DocSmart 20" Cordless Hedge Trimmer Instruction Manual

MODEL: HT02-G

1. Important Safety Instructions

Always read and understand this manual before operating the hedge trimmer. Failure to follow instructions can result in serious injury or property damage.

- **Personal Protective Equipment (PPE):** Always wear safety goggles, gloves, and appropriate clothing to protect against flying debris and sharp blades.
- **Dual Safety Lock:** The trimmer is equipped with a dual safety lock mechanism to prevent accidental activation. Both the safety buttons and the power switch must be engaged simultaneously to operate the tool.
- **Blade Guard:** Always use the blade guard when the trimmer is not in use or during transport.
- **Clear Work Area:** Ensure the work area is clear of bystanders, children, and pets.
- **Inspect Before Use:** Before each use, inspect the trimmer for any damage, loose parts, or dull blades. Do not operate a damaged tool.
- **Branch Size:** This hedge trimmer is designed for soft branches up to 1/2 inch diameter and can cut through branches up to 2/3 inches thick (blade gap). For thicker or hardwood branches, use specialized tools like pruning shears or a mini chainsaw to avoid damaging the trimmer's motor or blades.
- **Avoid Forcing:** Do not force the tool through thick branches. If a branch gets stuck, immediately disconnect the battery to prevent engine damage.
- **Secure Grip:** Maintain a firm, non-slip grip on both handles during operation.

2. Package Contents

Verify that all items are present in your package:

- 1x DocSmart Hedge Trimmer
- 1x Blade Guard
- 2x 2000mAh Rechargeable Batteries

- 1x Auxiliary Handle
- 1x Bezel (Front Hand Guard)
- 1x Safety Goggles
- 1x Pair of Gloves
- 1x Screw Kit
- 1x Dual-head Screwdriver (Slotted/Phillips)
- 1x Battery Charger
- 1x User Manual
- 1x Package Box



Image 2.1: DocSmart 20" Cordless Hedge Trimmer with all included accessories, including two batteries, charger, safety glasses, gloves, and blade guard.

3. Setup and Assembly

The DocSmart hedge trimmer comes with the blade pre-assembled and pre-oiled. Only minimal assembly is

required before first use.

1. **Attach Auxiliary Handle and Bezel:** Use the provided screw kit and dual-head screwdriver to securely attach the auxiliary handle and the bezel (front hand guard) to the main unit. Ensure all screws are tightened.
2. **Charge Batteries:** Before initial use, fully charge both 2000mAh rechargeable batteries using the provided charger. A full charge takes approximately 2 hours. One green light on the battery indicates 25% charge.
3. **Insert Battery:** Once charged, slide a battery into the battery slot on the trimmer until it clicks securely into place.

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Video 3.1: This video demonstrates the assembly process for the DocSmart 20-inch Hedge Trimmer, including attaching the auxiliary handle and inserting the battery.

4. Operating Instructions

The DocSmart 20" Cordless Hedge Trimmer is designed for efficient and precise trimming of hedges and bushes.

1. **Powering On:** To start the trimmer, simultaneously press the safety buttons on the handle and then squeeze the power switch. Release the safety buttons once the blades begin to move.
2. **180° Rotatable Head:** The trimmer features a 180° rotatable head for enhanced maneuverability and comfort. To adjust the head, press the rotation button (usually located near the main handle) and rotate the blade assembly to your desired angle (e.g., 90° left, horizontal, 90° right). Release the button to lock it in place. This feature is particularly useful for shaping hedges in tight areas or for vertical trimming.
3. **Trimming Technique:** Hold the trimmer firmly with both hands. Use a sweeping motion to cut through branches. For best results, cut small amounts at a time. Avoid overreaching or cutting above shoulder height.
4. **Blade Performance:** The 20.67-inch 65Mn steel blade operates at up to 3000 RPM, providing sharp, clean cuts. It is ideal for soft branches up to 1/2 inch in diameter.

180° rotating handle



Image 4.1: The 180° rotatable handle allows for versatile trimming angles, including horizontal and vertical cuts.



Image 4.2: The dual safety lock system requires pressing two safety buttons before engaging the power switch for operation.

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Video 4.3: This video demonstrates the DocSmart 20-inch Electric Hedge Trimmer in action, showcasing its cutting capabilities and ease of use.

5. Maintenance

Proper maintenance ensures the longevity and optimal performance of your hedge trimmer.

- **Blade Care:** After each use, clean the blades of any sap, debris, or plant residue. Apply a thin layer of liquid oil to the blades to protect them from rust and reduce wear and tear.
- **Battery Charging:** The 2000mAh batteries provide approximately 120 minutes of working time on a full charge. Recharge batteries as needed. Store batteries in a cool, dry place away from direct sunlight.
- **Storage:** Always attach the blade guard before storing the hedge trimmer. Store the tool in a dry, secure location out of reach of children.

Long Lasting Battery

2000+2000mAh



Battery Runtime



120 Mins
Working time



2 Hours
Charging time

Image 5.1: The hedge trimmer includes two 2000mAh Li-ion batteries, each offering 120 minutes of runtime and requiring 2 hours for a full charge.

6. Troubleshooting

Refer to the following table for common issues and their solutions:

| Problem | Possible Cause | Solution |
|---|---|---|
| Trimmer does not start | Battery not inserted correctly or not charged; Safety buttons/power switch not engaged correctly. | Ensure battery is fully charged and properly inserted. Confirm both safety buttons and power switch are pressed simultaneously. |
| Reduced cutting power or blades jamming | Dull blades; Cutting branches too thick; Debris caught in blades. | Clean and oil blades. Use pruning shears for branches exceeding 2/3 inch. Disconnect battery and carefully remove any debris. |
| Excessive vibration or noise | Loose components; Damaged blade. | Check for loose screws or parts and tighten them. Inspect blades for damage; replace if necessary. |

7. Specifications

- **Brand:** DocSmart
- **Model Number:** HT02-G
- **Power Source:** Battery Powered (2x 12V 2000mAh Li-ion batteries included)
- **Motor:** 1000W Pure Copper Motor
- **Motor Speed:** Up to 3000 RPM
- **Blade Length:** 20 Inches (20.67 inches actual)
- **Blade Material:** 65Mn Steel
- **Cutting Width (Blade Gap):** 0.67 Inches
- **Item Weight:** 4.4 Pounds
- **Product Dimensions:** 35.8"L x 6.9"W x 6.8"H
- **Special Features:** 180° Rotatable Head, Dual Safety Lock

8. Warranty and Support

Specific warranty details are not provided in the product information. For warranty claims, technical support, or replacement parts, please contact DocSmart customer service directly through their official channels or the retailer where the product was purchased.

