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› HARDELL Mini Chainsaw Cordless User Manual

HARDELL MR6503

HARDELL Mini Chainsaw Cordless User Manual

Model: MR6503 | Brand: HARDELL

1. IMPORTANT SAFETY INSTRUCTIONS

Always read and understand all safety warnings, instructions, illustrations, and specifications provided with this power tool. Failure to follow all instructions listed below may result in electric shock, fire, and/or serious injury.

- **Personal Protective Equipment:** Always wear appropriate personal protective equipment, including safety glasses, gloves, and hearing protection, when operating the chainsaw.
- **Safety Lock:** The HARDELL Mini Chainsaw is equipped with a safety lock. Ensure the safety lock is engaged before starting the chainsaw to prevent accidental activation.
- **Proper Grip:** Maintain a firm grip on the chainsaw with one hand, ensuring your other hand is clear of the chain and cutting area.
- **Work Area:** Keep the work area clear of bystanders, children, and pets. Ensure stable footing and clear surroundings before cutting.
- **Chain Oiling:** Regularly lubricate the chain as instructed in the maintenance section to ensure smooth operation and prevent overheating.
- **Avoid Kickback:** Be aware of potential kickback. Avoid cutting with the tip of the guide bar and ensure the chain is sharp and properly tensioned.

WIDE USAGE



Home Improvement



Wood Cutting



Branch Cutting

The safety lock button (red) must be pressed before the trigger can be engaged, ensuring safe operation.

Clean Cuts In Seconds

More cuts & Less Energy Use



Always wear appropriate protective gear, including gloves, when operating the chainsaw.

2. PACKAGE CONTENTS

Verify that all items are present and in good condition upon opening the package:

- 1 × HARDELL Brushless Mini Chainsaw
- 1 × 6-inch Guide Plate
- 2 × Chains
- 2 × 2.0Ah 21V Lithium-Ion Batteries
- 1 × Fast Charger
- 1 × Screwdriver
- 1 × Oil Bottle (empty, for lubricating oil)

- 1 × Buckle
- 1 × Carrying Storage Case
- 1 × User Manual



All items included in your HARDELL Mini Chainsaw package.

3. PRODUCT OVERVIEW

The HARDELL Mini Chainsaw is designed for efficient and convenient cutting tasks around your home and garden. It features a powerful brushless motor and a lightweight, ergonomic design.

Key Features:

- **Powerful Brushless Motor:** Equipped with a high-efficiency brushless motor, providing strong cutting performance and extended tool lifespan.
- **Long-lasting Batteries:** Comes with two 2000mAh 21V rechargeable lithium batteries for extended usage and consistent power output.
- **One-Hand Operation:** Weighing approximately 2.75 pounds, this mini chainsaw is designed for comfortable one-hand use, reducing arm fatigue.
- **Enhanced Safety:** Features a safety lock and a 90-degree rotating guard plate to prevent accidental injuries and provide protection during operation.
- **Versatile Applications:** Ideal for home pruning, woodcutting, tree trimming, branch cutting, and various DIY tasks.

BRUSHLESS MOTOR



 300% Lifetime	 250% Efficiency	 90% Power
 88% Consumption	 68% Noise	 53% Abrasion

The brushless motor ensures powerful and efficient cutting performance.

LARGE CAPACITY

2*2000mAh 21V Battery



Over charge
Protection



Overload
Protection



Battery
Indicator

 **1.5-2** Hours Charging time

Battery level:



40  Minutes
Working time

High-capacity batteries provide extended working time and feature built-in protections.

Deep Quenched Steel Chain

Chain Speed: 39ft/s



The lightweight design allows for comfortable one-hand operation.

4. SETUP

4.1 Charging the Battery

Before first use, fully charge both 2.0Ah 21V Lithium-Ion batteries. Connect the fast charger to a power outlet and then to the battery. The charging time is approximately 1.5 to 2 hours per battery.

4.2 Installing the Battery

Align the battery with the battery slot on the bottom of the chainsaw handle. Slide the battery firmly into place until it clicks, indicating it is securely locked.

4.3 Installing/Adjusting the Chain

Refer to the detailed instructions in the included User Manual for proper chain installation and tensioning. Use the provided screwdriver to adjust chain tension as needed. Ensure the chain is installed in the correct direction for optimal cutting performance.

4.4 Oiling the Chain

Before each use, and periodically during extended operation, apply lubricating oil to the chain and guide rail using the provided oil bottle. Proper lubrication is crucial for smooth operation, reduced friction, and extended chain life.

Watch this video for a detailed unboxing and initial setup guide for your HARDELL Mini Chainsaw.

Learn how to properly oil the chain of your HARDELL Mini Chainsaw for optimal performance and longevity.

5. OPERATING INSTRUCTIONS

5.1 Starting the Chainsaw

With the battery securely installed, press the safety lock button (located near the trigger) with your thumb, then squeeze the trigger to start the chainsaw. Release the trigger to stop the chainsaw.

5.2 Cutting Techniques

For best results and safety, follow these guidelines:

- **Small Branches:** For branches up to 4 inches in diameter, apply steady, light pressure. The chainsaw's chain speed of 10 m/s allows for quick cuts.
- **Larger Logs:** For logs up to 6 inches in diameter, make multiple passes if necessary. Avoid forcing the saw. Let the chain do the work.
- **Avoid Overloading:** Do not attempt to cut materials thicker than the recommended 6-inch diameter. This can damage the tool and cause injury.
- **Clear Debris:** Ensure the cutting area is free of obstructions that could interfere with the chain or cause kickback.

One Handed Operation



The chainsaw efficiently cuts through branches, making yard work easier.

6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your HARDELL Mini Chainsaw.

- **Chain Lubrication:** Continuously monitor the oil level and apply lubricating oil to the chain and guide bar before and during use.
- **Cleaning:** After each use, remove the guide plate and chain to clean any sawdust, debris, or resin buildup. Use a brush or compressed air.
- **Chain Sharpening:** A dull chain will reduce cutting efficiency and increase strain on the motor. Sharpen the chain regularly or replace it when necessary.
- **Battery Care:** Store batteries in a cool, dry place away from direct sunlight. Do not expose batteries to extreme

temperatures. Fully charge batteries before long-term storage.

- **Storage:** Store the chainsaw and its components in the provided carrying case in a dry, secure location, out of reach of children.

Proper chain oiling is a critical maintenance step for your chainsaw.

7. TROUBLESHOOTING

If you encounter issues with your HARDELL Mini Chainsaw, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Chainsaw does not start	Battery not charged or improperly installed; Safety lock not engaged.	Charge battery fully; Ensure battery is clicked into place; Press safety lock before trigger.
Chain is not cutting efficiently	Dull chain; Improper chain tension; Insufficient lubrication.	Sharpen or replace chain; Adjust chain tension; Apply lubricating oil.
Chainsaw stops during operation	Low battery charge; Overheating due to continuous heavy use.	Replace with a charged battery; Allow the chainsaw to cool down before resuming use.
Excessive vibration	Loose chain; Damaged chain or guide bar.	Adjust chain tension; Inspect chain and guide bar for damage and replace if necessary.

8. SPECIFICATIONS

Feature	Specification
Brand	HARDELL
Model Number	MR6503
Power Source	Battery Powered
Horsepower	550 Watts
Item Weight	2.75 Pounds
Product Dimensions	16.14"L x 10.23"W x 5.3"H
Chain Length	6 Inches
Chain Speed	10 m/s
Voltage	21 Volts

Feature	Specification
Wattage	850 watts
Battery Cell Type	Lithium Ion
Batteries Included	2 (2.0Ah)

9. WARRANTY AND SUPPORT

For warranty information, technical support, or any questions regarding your HARDELL Mini Chainsaw, please refer to the contact information provided in your product packaging or visit the official HARDELL website.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

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