KIESBOHR CS002

KIESBOHR CS002 6-inch Cordless Mini Chainsaw User Manual

Model: CS002 | Brand: KIESBOHR

1. Introduction

This manual provides essential instructions for the safe operation, maintenance, and troubleshooting of your KIESBOHR CS002 6-inch Cordless Mini Chainsaw. Please read this manual thoroughly before using the tool to ensure proper function and to prevent injury.

2. Safety Instructions

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

2.1 General Safety

- Keep the work area clean and well-lit. Cluttered or dark areas invite accidents.
- Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust.
- Keep children and bystanders away while operating a power tool. Distractions can cause you to lose control.

2.2 Personal Protective Equipment (PPE)

- Always wear eye protection (safety glasses or goggles).
- Wear hearing protection (earplugs or earmuffs).
- Wear heavy-duty work gloves to protect hands.
- Wear sturdy, non-slip footwear.
- Avoid loose clothing or jewelry that can get caught in moving parts.

2.3 Chainsaw Specific Safety

- Ensure the safety switch and hand guard are functioning correctly before each use.

- Always hold the chainsaw firmly with both hands during operation.
- Be aware of kickback. Avoid the guide bar tip contacting any object.
- Do not operate the chainsaw with one hand unless specifically designed for such use and proper training has been received.
- Never operate the chainsaw above shoulder height.
- Disconnect the battery before making any adjustments, changing accessories, or storing the tool.

3. Product Overview

Familiarize yourself with the components of your KIESBOHR CS002 Mini Chainsaw.

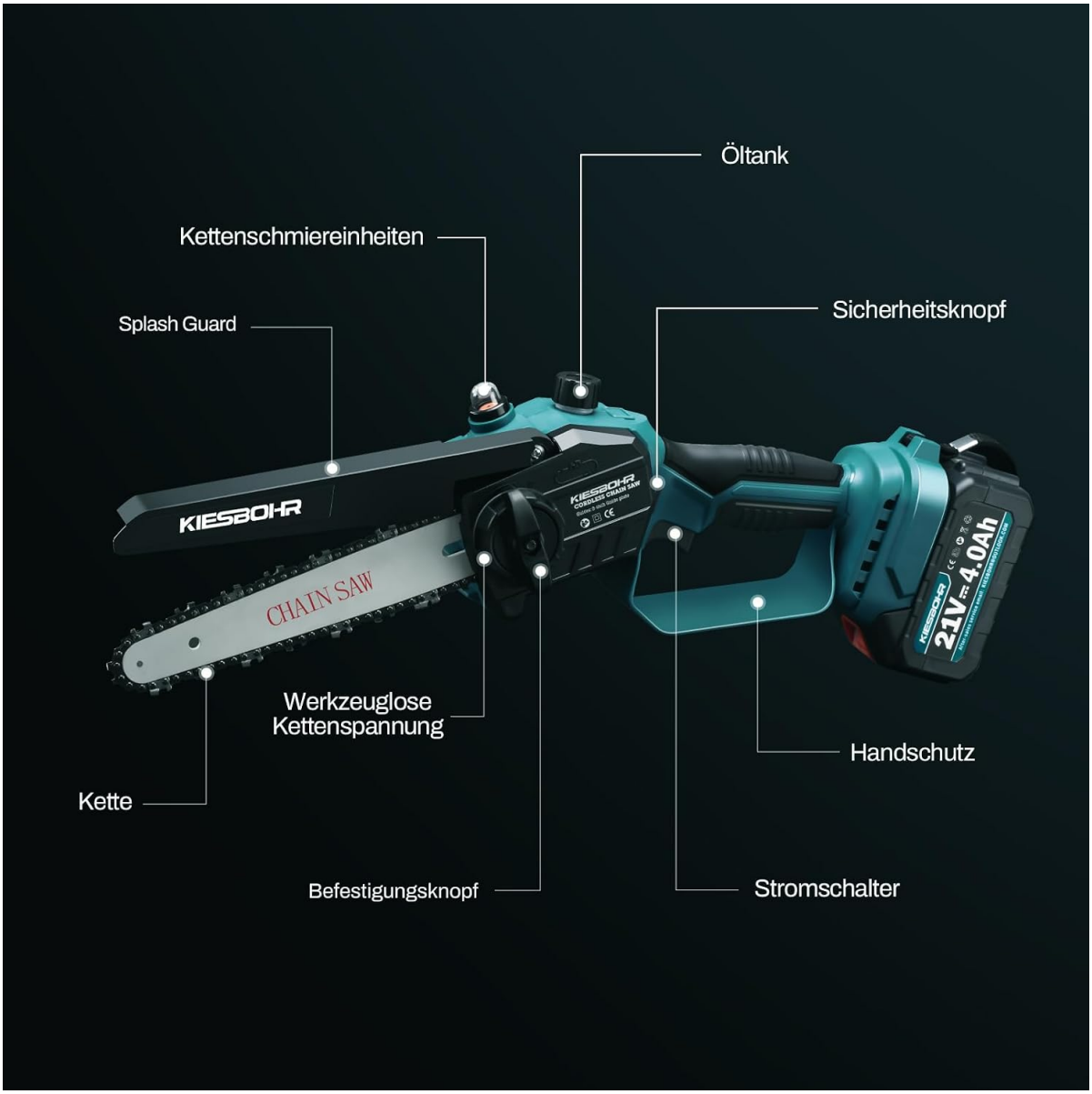


Figure 1: Chainsaw Components. This diagram labels the key parts of the KIESBOHR CS002 Mini Chainsaw, including the oil tank, chain lubrication units, safety button, tool-free chain tensioning mechanism, hand guard, chain, fastening knob, power switch, and splash guard.

- **Oil Tank:** Reservoir for chain lubricating oil.
- **Chain Lubrication Units:** System for continuous chain lubrication.
- **Safety Button:** Must be pressed before activating the power switch.
- **Tool-free Chain Tensioning:** Knob for quick chain tension adjustment.
- **Hand Guard:** Protects the operator's hand from debris and the chain.
- **Chain:** The cutting element of the chainsaw.

- **Fastening Knob:** Secures the guide bar and chain.
- **Power Switch:** Activates the chainsaw motor.
- **Splash Guard:** Provides protection against flying debris.

4. What's Included

Your KIESBOHR CS002 package typically includes:

- KIESBOHR 18V Chainsaw (battery and charger not included)
- 2 Saw Chains (1/4", 1.1 mm, 39 drive links)
- Tool Box
- User Manual

5. Setup

5.1 Battery Installation

The KIESBOHR CS002 is compatible with Makita 18V batteries (excluding G-series). Ensure the battery is fully charged before use.



Figure 2: Makita 18V Battery Compatibility. The chainsaw is designed to work with various Makita 18V battery models, such as BL1820, BL1830, BL1840, BL1850, and BL1860. Note: G-series batteries are not compatible.

1. Align the battery with the battery slot on the chainsaw handle.
2. Slide the battery into place until it clicks securely.
3. To remove, press the release button on the battery and slide it out.

5.2 Chain Tension Adjustment

Proper chain tension is crucial for safe and efficient operation. The CS002 features tool-free chain tensioning.



Figure 3: Tool-Free Chain Tensioning. The adjustable knob allows for quick and easy adjustment of chain tension without the need for additional tools.

1. Ensure the battery is removed.
2. Loosen the fastening knob slightly.
3. Turn the adjustable knob to increase or decrease chain tension. The chain should be snug against the guide bar but still able to be pulled freely by hand.
4. Once tension is correct, tighten the fastening knob securely.

5.3 Chain Lubrication

The improved lubrication system provides continuous oil to the chain, extending its lifespan and improving cutting performance. The oil tank capacity is 30ml.



Figure 4: Filling the Oil Tank. The image demonstrates pouring chain lubricant into the 30ml oil tank, ensuring continuous lubrication during operation.

1. Ensure the battery is removed.
2. Locate the oil tank cap (refer to Product Overview).
3. Unscrew the cap and carefully fill the tank with appropriate chain lubricant. Do not overfill.
4. Securely replace the oil tank cap.
5. Check the oil level regularly during operation.

6. Operating Instructions

Always ensure you have read and understood the safety instructions before operating the chainsaw.

6.1 Starting and Stopping

1. Insert a charged battery.
2. Hold the chainsaw firmly with both hands.
3. Press the safety button (usually located on the side of the handle).

4. While holding the safety button, press the power switch to start the chainsaw.
5. Release the power switch to stop the chainsaw.

6.2 Cutting Techniques

The KIESBOHR CS002 is designed for pruning small branches and light cutting tasks.



Figure 5: Chainsaw in Use. The image shows the KIESBOHR CS002 Mini Chainsaw effectively cutting through a piece of wood, demonstrating its compact and powerful operation.

- Always ensure the material to be cut is stable and secured.
- Start the chainsaw before contacting the material.
- Apply light, steady pressure. Let the chain do the work.
- Avoid forcing the saw, as this can lead to kickback or damage to the tool.
- Be mindful of the cutting direction and potential pinch points.
- For thicker branches, make relief cuts to prevent pinching.

7. Maintenance

Regular maintenance ensures the longevity and safe operation of your chainsaw.

7.1 Cleaning

- Always remove the battery before cleaning.
- Use a brush or compressed air to remove sawdust and debris from the guide bar, chain, and motor housing.
- Wipe down the exterior with a damp cloth. Do not use harsh chemicals.

7.2 Chain Sharpening

A sharp chain is essential for efficient cutting and safety. Refer to the chain manufacturer's guidelines for proper sharpening techniques or consult a professional.

7.3 Storage

- Store the chainsaw in a dry, secure location, out of reach of children.
- Remove the battery before storing for extended periods.
- Ensure the chain is properly lubricated before storage to prevent rust.

8. Troubleshooting

This section addresses common issues you might encounter.

Problem	Possible Cause	Solution
Chainsaw does not start	Battery not charged or improperly installed; Safety button not pressed; Power switch faulty.	Charge battery and re-install; Ensure safety button is pressed before power switch; Contact customer support if switch is faulty.
Chain not cutting efficiently	Dull chain; Incorrect chain tension; Insufficient lubrication.	Sharpen or replace chain; Adjust chain tension; Refill oil tank.
Excessive vibration	Loose chain; Damaged chain or guide bar.	Adjust chain tension; Inspect chain and guide bar for damage and replace if necessary.
Oil leakage	Oil tank cap not secured; Damaged oil seal.	Ensure oil tank cap is tightly closed; Contact customer support for seal replacement.

9. Specifications

- **Brand:** KIESBOHR
- **Model Number:** CS002
- **Product Dimensions (L x W x H):** 32 x 8 x 7 cm
- **Weight (without battery):** Approximately 1.85 Kilograms
- **Power Source:** Battery Powered (Compatible with Makita 18V batteries, G-series excluded)
- **Power Output:** 800 Watts
- **Chain Length:** 15 Centimeters (6 inches)
- **Chain Speed:** 8 m/s
- **Included Components:** 2 chains (1/4", 1.1 mm, 39 drive links), Tool box, User manual (Battery not included)
- **Brushless Motor:** Yes

- **Tool-free Chain Tensioning:** Yes
- **Continuous Chain Lubrication:** Yes

10. Warranty and Customer Support

Your KIESBOHR CS002 Mini Chainsaw comes with a**24-month manufacturer's warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use.
For warranty claims, technical assistance, or any questions regarding your product, please contact KIESBOHR customer support. Refer to the contact information provided with your purchase documentation or visit the official KIESBOHR website for support details.
Please retain your proof of purchase for warranty validation.