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› Goldsea 8-Inch Cordless Mini Chainsaw User Manual

Goldsea 8C85

Goldsea 8-Inch Cordless Mini Chainsaw

Model: 8C85



Image: Goldsea 8-Inch Cordless Mini Chainsaw with two batteries, charger, two chains, safety glasses, gloves, and carrying case.

1. INTRODUCTION

Thank you for choosing the Goldsea 8-Inch Cordless Mini Chainsaw. This powerful and portable tool is designed for efficient cutting of wood, branches, and logs up to 8 inches in diameter, making it ideal for garden pruning, tree trimming, and various outdoor tasks. Featuring a brushless motor and a high-quality manganese steel chain, it offers reliable performance and extended lifespan. This manual provides essential information for safe operation, proper setup, maintenance, and troubleshooting to ensure optimal performance and longevity of your chainsaw.

2. SAFETY INSTRUCTIONS

WARNING: Read 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.

2.1 General Safety Precautions

- Always wear appropriate personal protective equipment (PPE) including safety glasses, gloves, and hearing protection when operating the chainsaw.
- Keep children and bystanders away while operating a power tool. Distractions can cause you to lose control.
- Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust.
- Ensure the work area is well-lit and clear of obstacles.
- Maintain a firm grip on the chainsaw with both hands during operation.

2.2 Product-Specific Safety Features

- **Safety Lock:** Prevents accidental starting. You must press the safety lock and the on/off button simultaneously to start the chainsaw.
- **Safety Stopper:** Designed to prevent wood from splashing towards the user during cutting.
- **Protective Gloves:** A pair of gloves is included to protect your hands from debris and improve grip.
- **Non-Slip Textured Handle:** Ensures a firm and secure grip during operation, reducing the risk of slippage.
- **Safety Goggles:** Provided to protect your eyes from sawdust and flying debris.

AUTO-LUBRICATION SYSTEM

Reduce the Hassle of Carrying Oil Bottles for Efficient



Image: Detailed diagram of the mini electric chainsaw, pointing out features such as the brushless motor, automatic refuelling device, trigger lock, safety switch, lithium battery pack, tool-less chain adjustment knob, quench temper chain, and chain baffle.

3. COMPONENTS AND PACKAGE CONTENTS

Your Goldsea Mini Chainsaw package includes the following items:

- 1 x Goldsea Mini Chainsaw unit
- 2 x 21V 4000mAh Lithium-Ion Batteries
- 2 x Chains (one pre-installed, one spare)
- 1 x Chain Sharpener
- 1 x Protective Cover
- 1 x Battery Charger
- 1 x Pair of Safety Goggles
- 1 x Pair of Work Gloves
- 1 x User Manual (this document)

- 1 x Cleaning Brush

Please inspect all components upon unboxing to ensure everything is present and undamaged.

4. SETUP

4.1 Battery Charging

The Goldsea Mini Chainsaw is powered by 21V 4000mAh lithium-ion batteries. For optimal performance and battery longevity, ensure batteries are fully charged before first use and before extended storage.

1. Insert the battery into the charger.
2. Plug the charger into a standard power outlet.
3. The indicator light on the charger will show the charging status. Charge until the battery is full.
4. Once fully charged, disconnect the battery from the charger.



Image: Illustration of the 2x 4000mAh Lithium Battery highlighting safety features such as overtemperature, overvoltage, overload, overcurrent, short circuit, and charge/discharge protection.

4.2 Chain Assembly and Tensioning

The chainsaw comes pre-assembled. If you need to replace the chain or adjust its tension, follow these steps:

1. **Step 1:** Ensure proper chain assembly alignment before changing the chain.
2. **Step 2:** Fit the chain to the guide plate for replacement and installation.
3. **Step 3:** Next, align the holes and fit the cover.
4. **Step 4:** Adjust the chain tension by rotating the round gear (clockwise to tighten, counter-clockwise to loosen). The chain should be snug but still able to be pulled freely around the bar

by hand.

5. **Step 5:** Rotate the triangular button to tighten the cover clockwise.



Image: A visual guide demonstrating five steps for assembling and adjusting the chain tension, including proper chain alignment, fitting the chain to the guide plate, aligning the cover, adjusting tension with the round gear, and tightening the cover.

5. OPERATING INSTRUCTIONS

5.1 Starting the Chainsaw

1. Ensure the battery is fully charged and securely inserted into the chainsaw.
2. Hold the chainsaw firmly with both hands.
3. Press the safety lock button with your thumb.
4. While holding the safety lock, press the trigger to start the chainsaw. Release the safety lock once the chainsaw is running.

5.2 Cutting Techniques

The Goldsea Mini Chainsaw is designed for efficient cutting of various wood types. Always ensure the chain is sharp and properly lubricated before cutting.

- **General Cutting:** Apply steady, even pressure. Allow the chainsaw to do the work; do not force it through the material.
- **Log Cutting:** For logs up to 8 inches, the chainsaw can cut through in approximately 10 seconds, depending on wood hardness. Ensure the log is stable and elevated if possible.
- **Branch Trimming:** Support the branch to prevent it from pinching the chain. Make relief cuts if necessary for larger branches.
- **One-Handed Operation:** While designed for one-handed use for portability, always prioritize

safety and use two hands for better control, especially for larger or tougher cuts.



Image: A four-panel image demonstrating the chainsaw's versatility in cutting different materials: bamboo, wood, logs, and tree branches.

6. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your Goldsea Mini Chainsaw.

6.1 Chain Lubrication

The chainsaw features an automatic oiling system to reduce friction and prolong chain life. Ensure the oil reservoir is filled with appropriate bar and chain oil before each use.

1. Locate the oil filling port on the chainsaw.
2. Carefully pour bar and chain oil into the reservoir until full. Do not overfill.
3. Monitor oil levels during operation and refill as needed.

POWERFUL BRUSHLESS MOTOR



Image: A close-up view of the chainsaw's auto-lubrication system, showing oil being poured into the reservoir, designed to reduce the need for carrying separate oil bottles.

6.2 Chain Sharpening

A sharp chain is crucial for efficient and safe cutting. Use the included chain sharpener to maintain the sharpness of your chain. Refer to the chain sharpener's instructions for proper technique and angle.

6.3 Cleaning and Storage

- After each use, remove the battery and clean the chainsaw thoroughly using the provided cleaning brush. Remove sawdust, debris, and any resin buildup from the chain, guide bar, and motor housing.
- Store the chainsaw in a dry, secure place, out of reach of children.
- If storing for an extended period, ensure batteries are fully charged before storage.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your Goldsea Mini Chainsaw.

Problem	Possible Cause	Solution
Chainsaw does not start	Battery not charged or improperly inserted; Safety lock not engaged with trigger; Faulty battery or motor.	Ensure battery is fully charged and correctly inserted. Press safety lock and trigger simultaneously. Test with a different battery if available. Contact support if issue persists.
Chain is loose or comes off	Chain tension is too low; Chain stretched.	Adjust chain tension using the tool-less adjustment knob (refer to Section 4.2). If chain is excessively stretched, replace it.
Poor cutting performance	Dull chain; Insufficient lubrication; Incorrect cutting technique.	Sharpen the chain (refer to Section 6.2). Ensure oil reservoir is filled and automatic oiling system is functioning. Review cutting techniques (Section 5.2).
Chainsaw overheats	Continuous heavy use; Blocked ventilation.	Allow the chainsaw to cool down. Avoid prolonged heavy cutting. Ensure ventilation slots are clear of debris.

8. SPECIFICATIONS

Feature	Specification
Brand	Goldsea
Model Number	8C85
Blade Length	8 Inches
Power Source	Battery Powered
Voltage	21 Volts
Wattage	1000 watts
Horsepower	960 Watts
Battery Type	Lithium Ion
Battery Capacity	2 x 4000mAh (included)
Motor Type	Brushless Motor
Material	Metal, Plastic
Item Weight	3.74 kg
Product Dimensions	19.5L x 8.7W x 5.3H Centimetres

Feature	Specification
Country of Origin	China

9. WARRANTY AND SUPPORT

Goldsea is confident in the quality of our chainsaw. We offer an after-sales guarantee to ensure your satisfaction.

If you have any questions or concerns about the product, please feel free to contact us. We are committed to promptly resolving your concerns and making the right decision within 24 hours.

For support, please refer to the contact information provided at the point of purchase or visit the official Goldsea website.