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› Supstable Cordless Mini Chainsaw User Manual (Models BLX-168, 6-inch & 8-inch)

Supstable BLX-168

Supstable Cordless Mini Chainsaw User Manual

Models: BLX-168 (6-inch & 8-inch Guide Bars)

1. INTRODUCTION

Thank you for choosing the Supstable Cordless Mini Chainsaw. This versatile tool is designed for efficient tree trimming, wood cutting, and branch pruning. Featuring a powerful 1000W brushless motor and interchangeable 6-inch and 8-inch guide bars, it offers flexibility for various tasks. This manual provides essential information for safe and effective operation, maintenance, and troubleshooting.

2. SAFETY INFORMATION

WARNING: Read all safety warnings, instructions, illustrations, and specifications provided with this power tool. Failure to follow all instructions may result in electric shock, fire, and/or serious injury.

2.1 General Safety Rules

- Always wear appropriate personal protective equipment (PPE), including safety goggles, gloves, and hearing protection.
- Keep children and bystanders away while operating the chainsaw.
- Do not operate the chainsaw in wet conditions or in the presence of flammable liquids or gases.
- Ensure the work area is clear of obstacles and well-lit.
- Maintain a firm grip with both hands on the chainsaw during operation.
- Never operate the chainsaw with one hand unless specifically designed for single-handed use and proper technique is employed.
- Avoid kickback by being aware of the chain tip and avoiding contact with hard objects.
- Disconnect the battery before performing any maintenance, cleaning, or when changing

accessories.

3. PACKAGE CONTENTS

Verify that all items are present and in good condition upon unpacking:

- Mini Chainsaw unit (x1)
- Storage Suitcase (x1)
- Rechargeable Li-on Battery (2000mAh) (x2)
- Quick Charger (x1)
- Chains (x2) (One 6-inch, one 8-inch, one pre-mounted)
- Guide Plates (6-inch and 8-inch) (x1 set)
- Gloves (x1 pair)
- Screwdriver (x1)
- Guide Plate Sheath (x2)
- Oil Bottle (empty) (x1)
- User Manual (x1)



Figure 3.1: Complete package contents of the Supstable Mini Chainsaw.



Figure 3.2: Visual representation of the Supstable Mini Chainsaw kit components.

4. SETUP

4.1 Battery Charging and Installation

1. Connect the quick charger to a power outlet.
2. Insert the rechargeable Li-ion battery into the charger. The indicator light will show charging status.
3. Once fully charged, remove the battery from the charger.
4. Align the charged battery with the battery slot on the chainsaw handle and slide it in until it clicks securely into place.



Figure 4.1: The two included 2000mAh rechargeable batteries.



Figure 4.2: Battery performance details, indicating runtime and cutting capacity.

4.2 Chain and Guide Bar Installation/Replacement

The chainsaw comes with both 6-inch and 8-inch guide bars and chains for different cutting needs. One chain is typically pre-mounted.

1. Ensure the battery is removed for safety.
2. Use the provided screwdriver to loosen the cover screws on the chainsaw body.
3. Remove the cover and the existing guide bar/chain if replacing.
4. Place the desired guide bar onto the mounting studs.
5. Carefully loop the chain around the sprocket and guide bar, ensuring the cutting teeth are facing the correct direction (refer to the chain for directional arrows).
6. Replace the cover and tighten the screws, ensuring the chain tension is appropriate (see Section 5.2 for tensioning).

Video 4.1: Demonstration of how to install the chainsaw chain and guide bar.

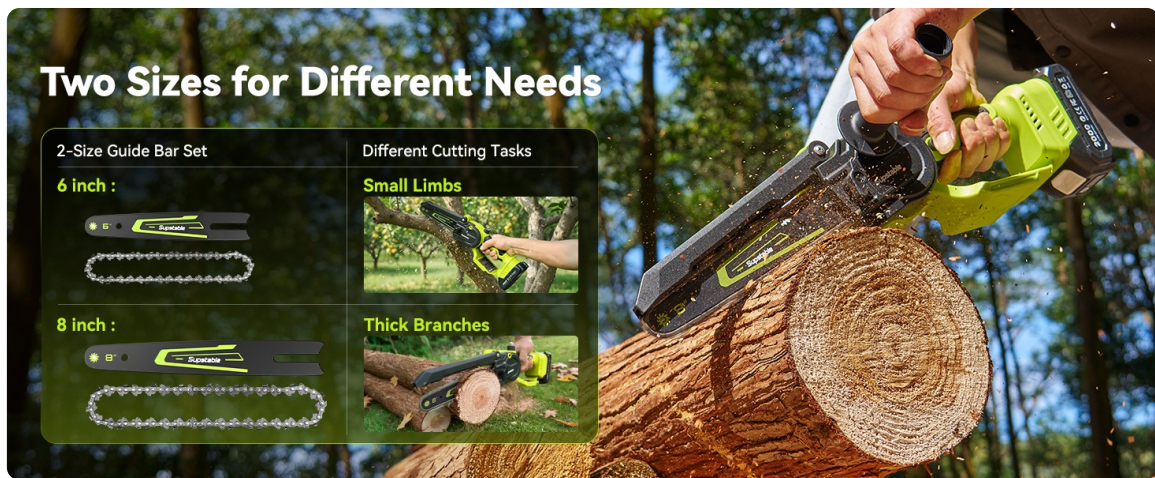


Figure 4.3: Illustration of the two guide bar sizes and their recommended uses.

4.3 Auto-Oiling System Setup

The chainsaw features an automatic oiling system for continuous chain lubrication.

1. Locate the oil tank cap on the chainsaw body.
2. Unscrew the cap and fill the 30ml oil tank with appropriate chainsaw bar and chain oil (not included).
3. Securely replace the cap.
4. Before each use, press the oil bulb a few times to prime the system and ensure oil reaches the chain.



Figure 4.4: Filling the auto-oiling system with bar and chain oil.



Figure 4.5: The auto-oiling system ensures continuous lubrication during operation.

4.4 Attaching the Detachable Extra Grip / Pole (Optional)

For enhanced control or extended reach (with compatible pole attachment, sold separately for some variants), the chainsaw features a detachable extra grip.

1. To attach the extra grip, align it with the designated slot on the chainsaw body and push until it locks into place.

2. If using a pole attachment (for pole saw variants), ensure the chainsaw head is securely fastened to the pole according to the pole attachment's instructions.



Detachable Extra Grip

Experience the Flexibility and Safety

Figure 4.6: Attaching the detachable extra grip for improved handling.

Figure 4.7: The detachable extra grip provides improved control and comfort.

5. OPERATING INSTRUCTIONS

5.1 Starting and Stopping the Chainsaw

1. Ensure the battery is fully charged and securely installed.
2. Engage the safety lock (usually a button or lever that prevents accidental starting).
3. Press and hold the safety lock, then squeeze the trigger to start the chainsaw.
4. Release the trigger to stop the chainsaw. Always engage the safety lock when not actively cutting.

5.2 Cutting Techniques

Always ensure the chain is properly tensioned and lubricated before cutting.

- **Handheld Use:** For smaller branches and wood, hold the chainsaw firmly with both hands (if using the extra grip) or one hand (if designed for it and comfortable). Position the chainsaw so the chain makes full contact with the material.
- **Pole Saw Use (if applicable):** For high branches, extend the pole to the desired length. Maintain a stable stance and keep the chainsaw head clear of your body. Let the weight of the saw do the work; do not force it.
- Begin cutting with the bottom of the guide bar to avoid kickback.
- Cut through the material smoothly and steadily.
- Be aware of falling branches and debris.



8" & 6" 2-in-1 Meet Different Needs



Figure 5.1: Examples of using the 8-inch and 6-inch guide bars for different cutting tasks.

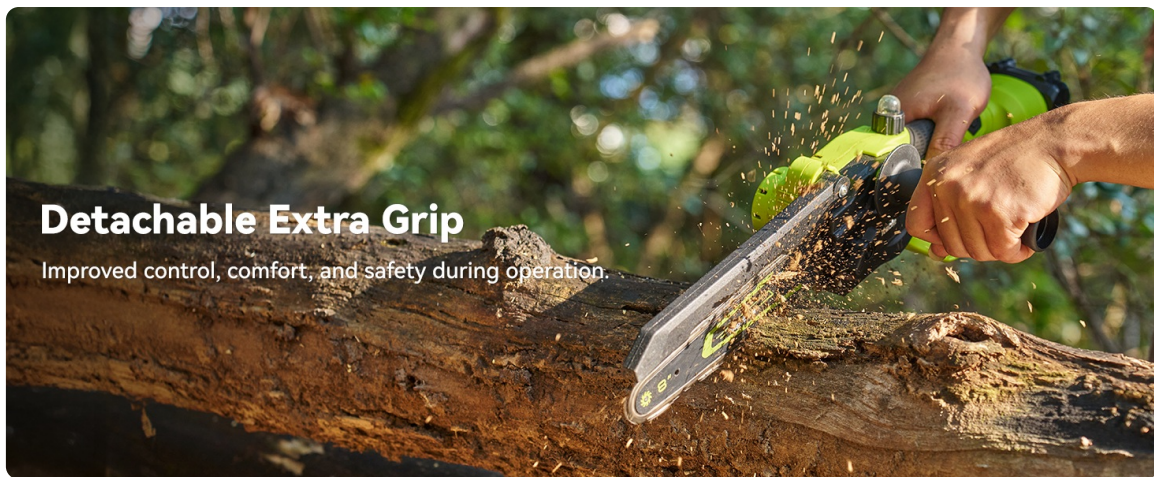


Figure 5.2: The lightweight design allows for comfortable one-handed operation for lighter tasks.

Video 5.1: Overview of the Supstable 6 & 8 Inch Mini Chainsaw Cordless, demonstrating its features and use.

6. MAINTENANCE

6.1 Chain Lubrication

The auto-oiling system ensures the chain is lubricated during operation. Regularly check the oil level in the 30ml tank and refill as needed with quality bar and chain oil. Press the oil bulb before and during use to ensure proper flow.

6.2 Chain Tensioning

Proper chain tension is crucial for safe and efficient operation. A loose chain can derail, and an overly tight chain can cause excessive wear and reduce performance.

1. Ensure the battery is removed.
2. Loosen the guide bar retaining screws slightly.
3. Adjust the chain tensioning screw until the chain is snug against the guide bar but can still be pulled freely by hand. There should be no slack on the underside of the guide bar, and the chain should not bind.
4. Retighten the guide bar retaining screws firmly.

6.3 Cleaning and Storage

- After each use, remove the battery and clean the chainsaw.
- Use a brush or compressed air to remove sawdust and debris from the chain, guide bar, and motor vents.
- Wipe down the exterior with a damp cloth. Do not use harsh chemicals.
- Apply a light coat of oil to the chain and guide bar to prevent rust during storage.
- Store the chainsaw in its original suitcase in a dry, secure location, out of reach of children.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Chainsaw does not start	Battery not charged or improperly installed; Safety lock not disengaged; Faulty switch.	Charge battery and ensure proper installation; Disengage safety lock; Contact customer support.
Chain not cutting efficiently	Dull chain; Incorrect chain tension; Insufficient lubrication.	Sharpen or replace chain; Adjust chain tension; Refill oil tank and prime auto-oiler.
Chainsaw overheats	Overuse; Blocked ventilation; Dull chain.	Allow chainsaw to cool; Clear ventilation openings; Sharpen or replace chain.
Chain derails	Loose chain tension; Worn guide bar or chain.	Adjust chain tension; Inspect and replace worn components.

8. SPECIFICATIONS

Feature	Specification
Brand	Supstable
Model Number	BLX-168
Power Source	Battery Powered
Motor Power	1000 Watts (Brushless)
Battery Voltage	21 Volts
Battery Capacity	2 x 2000mAh Lithium Ion
Chain Length	6 Inches & 8 Inches (Interchangeable)
Chain Speed	7.8 m/s
Item Weight	3.51 Kilograms (approx. 7.72 lbs)
Product Dimensions	17.32"L x 13.39"W x 3.94"H
Auto-Oiler	Yes (30ml tank capacity)

9. WARRANTY AND SUPPORT

For warranty information, technical support, or replacement parts, please refer to the contact details provided in your product packaging or visit the official Supstable website. Keep your purchase receipt as proof of purchase.

