

## Saker SK1806S-02

# Saker 6-Inch Cordless Mini Chainsaw with Auto Oiler

MODEL: SK1806S-02

*Your comprehensive guide to safe and efficient operation.*

## Introduction

Thank you for choosing the Saker 6-Inch Cordless Mini Chainsaw. This powerful and compact tool is designed for efficient cutting tasks such as trimming branches, felling small trees, and cutting firewood. Its lightweight and ergonomic design ensures comfortable handling, while integrated safety features provide peace of mind during use. Please read this manual thoroughly before operation to ensure safe and optimal performance.

## Important Safety Information

**WARNING: Always wear appropriate personal protective equipment, including safety glasses, gloves, and hearing protection, when operating the chainsaw.**

- **Prevent Accidental Starts:** The chainsaw features a safety switch that prevents accidental activation. Ensure this switch is engaged before handling or transporting the tool.
- **Proper Grip:** Always maintain a firm grip on the ergonomic handle to ensure control and reduce vibrations.
- **Kickback Prevention:** The chainsaw is designed with a low-kickback chain and a safety guard. Always be aware of potential kickback and maintain proper body positioning.
- **Chain Lubrication:** Proper chain lubrication is critical for safe and efficient operation. Ensure the automatic oiler system is functioning and the chain is adequately oiled before and during use.
- **Appropriate Cutting Size:** Do not attempt to cut wood thicker than the chainsaw's bar length (6 inches). Exceeding this limit can cause the blade to bind or kick back, leading to injury.
- **Battery Safety:** Use only the specified rechargeable batteries. Ensure batteries are fully charged before use and stored safely.

## Package Contents

Your Saker Mini Chainsaw package includes the following items:

- Saker 6-Inch Cordless Mini Chainsaw unit
- 2 x Lithium Ion Batteries (20V MAX, 1.5Ah)
- Battery Charger
- 3 x Saw Chains (6-inch)
- Safety Goggles
- Work Gloves
- Lubricant Oil Bottle
- Screwdriver
- Wrench
- User Manual
- Storage Case



Figure 1: Saker Mini Chainsaw and included accessories, neatly arranged in its storage case.

The package includes the main chainsaw unit, two rechargeable batteries, a charger, three replacement chains, safety goggles, work gloves, a lubricant oil bottle, a screwdriver, a wrench, the user manual, and a durable storage case for convenient transport and organization.

Video 1: Unboxing the Saker Mini Chainsaw, showcasing all components including the chainsaw, batteries, charger, chains, and safety gear.

## Setup Instructions

1. **Charge the Battery:** Before first use, fully charge both Lithium Ion batteries using the provided charger. The charger's LED indicator will show charging status.
2. **Install the Chain:**
  - Place the chain onto the guide bar, ensuring the cutting teeth face the correct direction.
  - Align the guide bar and chain with the chainsaw's drive sprocket.
  - Secure the cover and tighten the screws using the provided wrench. Ensure the chain is taut but can still be moved by hand.
3. **Fill the Auto Oiler:** Locate the oil reservoir cap on the chainsaw. Fill the reservoir with the provided lubricant oil. The automatic oiler system will ensure continuous lubrication during operation.
4. **Attach the Battery:** Slide a fully charged battery into the base of the chainsaw handle until it clicks securely into place.



Figure 2: Visual guide for assembling the chain, tightening screws, pouring oil into the fuel tank, inserting the battery, and starting the chainsaw.

## Operating Instructions

1. **Safety First:** Always wear safety goggles and gloves before operating.
2. **Starting the Chainsaw:** To activate the chainsaw, press and hold the safety button located on the side of the handle, then squeeze the trigger. The chain will begin to move.
3. **Making a Cut:**
  - Position the chainsaw with the chain resting on the material to be cut.
  - Apply gentle, steady pressure. Allow the chainsaw to do the work. Do not force it.
  - For optimal performance and safety, cut on a downward motion.
  - Avoid cutting branches thicker than 6 inches to prevent binding or kickback.



4. **Stopping the Chainsaw:** Release the trigger to stop the chain. The safety button will automatically reset.

Video 2: Demonstration of the Saker Mini Chainsaw cutting branches with ease, highlighting its one-handed operation.

Video 3: User demonstrating the power and efficiency of the Saker Mini Chainsaw on various wood types.



Figure 3: The Saker Mini Chainsaw is capable of high-efficient cutting, easily managing logs up to 6 inches in diameter.

## Maintenance

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

- **Chain Lubrication:** Regularly check the lubricant oil level and refill as needed. The automatic oiler

system ensures continuous lubrication, but manual checks are recommended.

- **Chain Tension:** Periodically check the chain tension. A loose chain can derail or cause inefficient cutting. Use the provided wrench to adjust the tension as necessary.
- **Chain Sharpening/Replacement:** A dull chain reduces cutting efficiency and increases kickback risk. Sharpen the chain regularly or replace it with one of the included spare chains when it becomes dull or damaged.
- **Cleaning:** After each use, clean the chainsaw, especially the guide bar and chain, to remove sawdust and debris. Ensure the battery is removed before cleaning.
- **Storage:** Store the chainsaw in its case in a dry, secure location, out of reach of children. Remove the battery before long-term storage.



Figure 4: The auto-oiler system ensures the chain remains optimally lubricated, reducing friction and heat for smooth operation.



Video 4: User demonstrating the ease of use and maintenance, including how to lubricate the chain and check battery charge.

### Troubleshooting

Problem	Possible Cause	Solution
Chainsaw does not start	Battery not charged or improperly installed; Safety button not pressed.	Ensure battery is fully charged and correctly seated. Press the safety button before squeezing the trigger.
Chain binds or cuts slowly	Dull chain; Incorrect chain tension; Cutting wood too thick.	Sharpen or replace the chain. Adjust chain tension. Do not cut wood thicker than 6 inches.
Excessive vibration or noise	Loose chain; Damaged chain or guide bar.	Check and adjust chain tension. Inspect chain and guide bar for damage and replace if necessary.
Chain oil leaks	Overfilled oil reservoir; Damaged oil cap or seal.	Do not overfill the oil reservoir. Ensure the oil cap is securely tightened. Contact support if leakage persists.

### Specifications

- **Model Number:** SK1806S-02
- **Product Dimensions:** 15.7 x 6.7 x 5.5 inches
- **Item Weight:** 6.27 pounds (2.85 Kilograms)
- **Brand:** Saker
- **Power Source:** Battery Powered
- **Battery Type:** 2 x Lithium Ion (20V MAX, 1.5Ah)
- **Bar Length:** 6 inches
- **Motor Power:** 550W
- **Special Feature:** Automatic Oiler

### Warranty and Support

Saker is confident in the quality of its products. If you encounter any quality problems or have questions about your mini cordless chainsaw during daily use, please contact us at any time. We are always here to assist you.

For service inquiries, please refer to the contact information provided in your user manual or visit the official Saker website.