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› CRAFTSMAN V20 Cordless Chainsaw CMCCS620M1 User Manual

CRAFTSMAN CMCCS620M1

CRAFTSMAN V20 Cordless Chainsaw CMCCS620M1 User Manual

Model: CMCCS620M1

1. PRODUCT OVERVIEW

The CRAFTSMAN V20 Cordless 12-inch Compact Chainsaw (CMCCS620M1) is designed for efficient cutting tasks. It features a powerful motor and comes with a high-capacity 4.0 Ah battery for extended runtime. This chainsaw is engineered for minimal maintenance with its auto-oiling system and tool-free chain tensioning. For convenient storage, it includes an integrated VERSATRACK hook, compatible with the VERSATRACK Wall Organization System (sold separately). The V20 battery platform ensures compatibility with other CRAFTSMAN V20 Outdoor Equipment and Power Tools.



Image: The CRAFTSMAN V20 Cordless Chainsaw, showcasing its compact design and 12-inch bar.

Key Features:

- **Extended Run Time:** Equipped with a high capacity 4.0 Ah battery pack for prolonged operation.
- **Precise Cutting:** Features a built-in bubble level to assist in achieving precise and level cuts.

- **Minimal Maintenance:** Designed with an auto-oiling system and tool-free tensioning for reduced upkeep.
- **Compact Design:** Its 12-inch compact design facilitates cutting in confined spaces.
- **VERSATRACK Compatible:** Includes an integrated hook for direct hanging on the VERSATRACK Wall Organization System (sold separately).



20V MAX* 4.0 AH BATTERY
PROVIDES RELIABLE POWER AND PERFORMANCE

BUBBLE LEVEL
FOR HELP WITH STRAIGHT HORIZONTAL CUTS

TOOL-FREE CHAIN TENSIONING
FOR QUICK & EASY CHAIN ADJUSTMENTS

12" BAR & CHAIN
FOR CUTS UP TO 10" THICK

AUTO OILING
FOR CONTINUOUS LUBRICATION

VERSATRACK
COMPATIBLE

† HANG HOOK IS AN INTEGRATED PART OF THE TOOL, READY FOR USE RIGHT OUT OF THE BOX. SEE CRAFTSMAN.COM FOR DETAILS.

V20
LITHIUM ION

* 20V MAX battery, maximum initial battery voltage (measured without a workload) is 20 volts. Nominal voltage is 18.

Image: Diagram highlighting key features such as the 20V MAX* 4.0 Ah battery, bubble level, tool-free chain tensioning, 12" bar & chain, auto oiling, and VERSATRACK compatibility.

2. SAFETY INFORMATION

Always prioritize safety when operating power tools. Failure to follow safety instructions can result in serious injury or death. Read and understand all instructions before use.

General Safety Rules:

- **Personal Protective Equipment (PPE):** Always wear appropriate PPE, including safety glasses, hearing protection, gloves, sturdy footwear, and leg protection (e.g., chainsaw chaps).

- **Work Area:** Keep the work area clear of bystanders, children, and pets. Ensure good footing and balance.
- **Proper Grip:** Always hold the chainsaw firmly with both hands, with thumbs and fingers encircling the handles.
- **Kickback Prevention:** Be aware of kickback. Avoid the guide bar tip contacting any object. Do not cut with the tip of the guide bar.
- **One-Handed Operation:** Never operate the chainsaw with one hand. Loss of control can lead to serious injury.
- **Battery Safety:** Use only the specified battery pack and charger. Do not expose batteries to water or extreme temperatures.
- **Maintenance:** Regularly inspect the chainsaw for damage, loose parts, or dull chain. Perform maintenance as described in this manual.
- **Transport and Storage:** Always remove the battery and engage the chain brake before transporting or storing the chainsaw. Use the bar cover.

3. PACKAGE CONTENTS

Upon opening your CRAFTSMAN V20 Cordless Chainsaw package, verify that all components are present and undamaged. The standard package includes the following items:

- (1) CMCCS620 V20* 12-inch Compact Chainsaw
- (1) CMCB204 V20* 4.0 Ah Lithium Ion Battery
- (1) V20* Lithium Ion Charger
- (1) Bar Cover

PACKAGE INCLUDES:

- (1) CMCCS620 V20* 12-IN. COMPACT CHAINSAW
- (1) CMCB204 V20* 4.0 AH LITHIUM ION BATTERY
- (1) V20* LITHIUM ION CHARGER
- (1) BAR COVER



*20V MAX battery, maximum initial battery voltage (measured without a workload) is 20 volts. Nominal voltage is 18.

Image: Visual representation of the package contents, including the chainsaw, 4.0 Ah battery, charger, and bar cover.

4. SETUP

4.1. Battery Charging

Before initial use, fully charge the 4.0 Ah Lithium Ion battery using the provided V20* Lithium Ion Charger. Refer to the charger's specific instructions for charging times and indicators.



Image: Close-up of the CRAFTSMAN V20 4.0 Ah Lithium Ion battery, indicating its power capacity.

4.2. Chain and Bar Installation/Tensioning

The CRAFTSMAN V20 Chainsaw features tool-free tensioning for quick and easy chain adjustments. Ensure the chain is properly seated in the guide bar groove and tensioned correctly before operation. A properly tensioned chain should be snug against the guide bar but still allow you to pull it around the bar by hand.

4.3. Filling Bar Oil Reservoir

This chainsaw is equipped with an auto-oiling system for continuous lubrication of the chain and bar. Before each use, fill the bar oil reservoir with appropriate bar and chain oil. Do not use waste oil or thin oils. Ensure the reservoir cap is securely fastened to prevent leaks during operation.

5. OPERATING INSTRUCTIONS

5.1. Starting the Chainsaw

1. Ensure the battery is fully charged and properly inserted into the chainsaw.
2. Verify the chain brake is disengaged (pulled back towards the front handle).
3. Grip the chainsaw firmly with both hands.
4. Press the lock-off button and then squeeze the trigger to start the chainsaw.

5.2. Cutting Techniques

Always maintain a firm grip and stable footing. Use the chainsaw for cutting wood only. For precise and level cuts, utilize the integrated bubble level. The 12-inch bar and chain are capable of cutting material up to 10 inches thick.



UP TO 60 CUTS PER CHARGE**

****ON 4" X 4" PRESSURE-TREATED PINE**

Image: A person operating the CRAFTSMAN V20 Chainsaw to cut a log, demonstrating its cutting capability.



12" BAR & CHAIN FOR CUTS UP TO 10" THICK

Image: The chainsaw in action, highlighting its 12-inch bar and chain suitable for cuts up to 10 inches thick.

6. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your CRAFTSMAN V20 Chainsaw.

6.1. Cleaning

- Always remove the battery before cleaning.
- Use a brush or compressed air to remove sawdust and debris from the motor housing, chain, and guide bar.
- Wipe down the exterior with a damp cloth. Avoid using harsh chemicals.

6.2. Chain Sharpening

A sharp chain is essential for efficient and safe cutting. Sharpen the chain regularly or have it professionally sharpened when it becomes dull. Refer to the chain manufacturer's guidelines for proper sharpening angles and file sizes.

6.3. Guide Bar Maintenance

Periodically clean the guide bar groove to remove accumulated sawdust and debris. Flip the guide bar regularly to ensure even wear.

6.4. Storage

When not in use, store the chainsaw in a dry, secure location out of reach of children. Always remove the battery and place the bar cover over the guide bar and chain. The integrated VERSATRACK hook allows for convenient hanging storage.



VERSATRACKTM†
C O M P A T I B L E

† HANG HOOK IS AN INTEGRATED PART OF THE TOOL, READY FOR USE RIGHT OUT OF THE BOX.

Image: Multiple CRAFTSMAN V20 tools, including chainsaws, neatly stored on a VERSATRACK Wall Organization System, demonstrating the integrated hook feature.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your CRAFTSMAN V20 Chainsaw.

Problem	Possible Cause	Solution
Chainsaw does not start.	Battery not charged or improperly inserted. Chain brake engaged.	Ensure battery is fully charged and correctly seated. Disengage the chain brake.
Chain does not move.	Chain brake engaged. Chain too tight. Obstruction in chain path.	Disengage chain brake. Adjust chain tension. Clear any obstructions.
Excessive oil leakage.	Oil reservoir overfilled. Reservoir cap not sealed properly.	Fill oil reservoir only 3/4 full. Ensure reservoir cap is tightly secured.
Poor cutting performance.	Dull chain. Incorrect chain tension.	Sharpen or replace the chain. Adjust chain tension.

8. SPECIFICATIONS

Attribute	Detail
Brand	CRAFTSMAN
Model Number	CMCCS620M1
Power Source	Battery Powered
Chain Length	12 Inches
Item Weight	9.9 Pounds
Product Dimensions	26.94"L x 9.03"W x 10.88"H
Battery Type	Lithium Ion (1 required, included)
Replacement Chain	CMZCSC12
Replacement Bar	CMZCSB12

9. WARRANTY AND SUPPORT

9.1. Warranty Information

The CRAFTSMAN V20 Cordless Chainsaw CMCCS620M1 comes with a **3 Year Limited Warranty**. Please retain your proof of purchase for warranty claims. For full warranty details, refer to the official CRAFTSMAN warranty policy or contact customer support.

9.2. Customer Support

For further assistance, technical support, or to inquire about replacement parts, please visit the official CRAFTSMAN website or refer to the comprehensive user manual available in PDF format.

[Download Official User Manual \(PDF\)](#)

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

Answered questions about this manual

How do I reassemble my Craftsman V20 Cordless 10-inch chainsaw?

To reassemble your Craftsman V20 Cordless chainsaw (Model CMCCS620), follow these steps for installing the guide bar and saw chain:Preparation: Ensure the battery is removed to prevent accidental startup. Place the chainsaw on a...

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