

Overview

The CRAFTSMAN CMCMWP120M2 is a 15-inch cordless, battery-powered push lawn mower. It is designed for lawns up to 1/4 acre and operates on two V20* 4.0Ah batteries, providing up to 45 minutes of runtime. The mower is lightweight, compact for storage, and features a 3-in-1 cutting system (mulch, bag, rear discharge) with a single-lever height adjustment.



Model: CMCMWP120M2

Style: NEW 15" Deck with 2X 4Ah Batteries

Power Source: Battery Powered (2 x V20* 4.0Ah batteries included)

Cutting Width: 15 Inches

Product Dimensions: 16.34"D x 29.45"W x 14.78"H

Safety Information

Read all instructions before operating the mower. Failure to follow warnings and instructions may result in electric shock, fire, or serious personal injury.

- Keep bystanders, especially children and pets, away from the area of operation.
- Clear the mowing area of objects such as rocks, toys, wire, and branches which could be picked up and thrown by the blade.
- Always wear substantial footwear and long pants. Do not operate the mower barefoot or in open-toed shoes.
- Do not operate the mower in wet grass or in the rain.
- Remove the battery pack before making adjustments, cleaning, or when the mower is not in use.
- Keep hands and feet away from the cutting area and from under the mower deck.
- Only use CRAFTSMAN V20* batteries and chargers specified in this manual.

Features and Components



Main Components

- **Mower Deck (15-inch):** Plastic deck housing the cutting blade and fan-assisted grass collection system.

- **Upper Handle with Control Bar:** Contains the safety start lever and controls. Folds down for storage using four tool-less levers.
- **Grass Bag:** Attaches to the rear of the mower for grass collection.
- **Battery Compartment:** Located on the mower deck, holds two V20* batteries.
- **Cutting Height Adjustment Lever:** Single lever located near each wheel to adjust cutting height simultaneously.
- **Mulch/Bag/Discharge Control Dial:** Dial located on the mower deck to select between mulching, bagging, and rear discharge modes.

Key Features

Power and Runtime

Powered by two CRAFTSMAN V20* CMCB204 (4.0Ah) batteries. Provides up to 45 minutes of runtime, suitable for lawns up to 1/4 acre.

Cutting System

3-in-1 Functionality (Mulch/Bag/Rear Discharge): Switch between modes using the dial control. No mulch plug is required.

- **Mulching:** Cuts clippings finely and returns them to the lawn.
- **Bagging:** Collects clippings in the attached grass bag.
- **Rear Discharge:** Discharges clippings out the rear of the mower deck.

Fan-Assisted Collection: A fan helps move grass clippings into the bag for efficient filling.

Cutting Height Adjustment

A single lever adjusts the cutting height for all four wheels simultaneously. The cutting height range is 1 inch to 3 inches.

Design and Storage

The mower is 36% more compact and 29% lighter than traditional walk-behind mowers. The handle folds down using four tool-less levers for compact storage.

Setup and Assembly

The mower requires minimal assembly. No tools are required for handle attachment.

1. **Unpack:** Remove all packaging materials from the mower and components.

2. Attach the Upper Handle:

- Position the upper handle onto the lower handle posts.
- Secure it by tightening the four tool-less clamping levers located at the connection points. Ensure they are fully tightened.

3. **Install the Grass Bag:** Attach the grass bag to the rear bagger attachment hooks on the mower deck.

4. **Charge the Batteries:** Insert the included V20* 4.0Ah batteries into the included chargers. Charge fully before first use. The charger indicator will show charging status.

5. **Install Batteries:** Insert the two fully charged batteries into the battery compartment on the mower deck. Press firmly until they click into place.

Operating Instructions

Before Starting

1. Inspect the mowing area and remove any debris.
2. Ensure the grass bag is properly attached if using bagging mode.
3. Set the desired cutting height using the single adjustment lever.
4. Select the desired cutting mode (Mulch, Bag, or Rear Discharge) using the control dial on the deck.
5. Ensure both batteries are fully charged and correctly installed.



Starting the Mower

1. Grasp the handle and depress the safety start lever (located on the upper handle) towards the handle grip.
2. While holding the safety lever, pull the control bar towards the upper handle.
3. The blade will begin to rotate. Continue to hold the safety lever and control bar during operation.

During Operation

- Walk at a steady pace, allowing the mower to cut the grass effectively.
- For overlapping passes, guide the mower so that the cutting deck slightly overlaps the previously cut path.
- Empty the grass bag frequently before it becomes overly full to maintain optimal airflow and cutting performance.

Stopping the Mower

1. Release the control bar. The blade will stop rotating.
2. Release the safety start lever.
3. Wait for all moving parts to come to a complete stop before leaving the mower unattended.

Adjusting Cutting Height

To change the cutting height:

1. Stop the mower and ensure the blade is not rotating.
2. Locate the single cutting height adjustment lever near the right-side wheels.
3. Press the lever inward and move it to the desired height setting (1, 2, or 3 inches). Release the lever to lock it in place.
4. The setting adjusts all four wheels simultaneously.

Battery and Charging

Included: Two (2) CRAFTSMAN CMCB204 V20* 4.0Ah Lithium-Ion Batteries and Two (2) Chargers.

KIT INCLUDES



CMCWP120
2XV20* 15 IN. PUSH MOWER



(2) CMCB204
V20* 4.0 AH BATTERIES



(2) CMCB101
V20* BATTERY CHARGER



GRASS BAG

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

Charging the Batteries

1. Insert the battery into the charger. Ensure it is fully seated.
2. Plug the charger into a standard 120V household outlet.
3. The charger indicator light will illuminate to show charging status. Refer to the charger's manual for specific light patterns.
4. Remove the battery from the charger once charging is complete.

Battery Installation & Removal

- **To Install:** Align the battery with the compartment on the mower deck and slide it in until it clicks securely into place.
- **To Remove:** Press the battery release buttons on the sides of the battery and pull the battery straight out.

Battery Safety and Storage

- Store batteries away from metal objects like paper clips, coins, keys, or nails that could short the battery terminals.

- Store batteries in a cool, dry place.
- Do not expose batteries to fire or excessive heat.
- Use only CRAFTSMAN V20* batteries and chargers with this tool.

Maintenance and Storage

After Each Use

- Remove the battery pack.
- Clean grass clippings and debris from the mower deck, discharge chute, and wheels using a brush or damp cloth.
- Empty and clean the grass bag if used.
- Inspect the blade for damage or dullness.

Blade Care

WARNING: Always remove the batteries before inspecting or servicing the blade.

Check the blade periodically for sharpness and damage. A dull or damaged blade will result in poor cutting performance. Replacement blades are available. Refer to the separate "Blade Replacement" instructions for proper procedure.

End of Season/Long-Term Storage

1. Fully charge the batteries, then remove them from the mower.
2. Store the batteries in a cool, dry place indoors.
3. Thoroughly clean the entire mower.
4. Fold the handle down using the four tool-less levers.
5. Store the mower in a dry, protected location such as a garage or shed.

Troubleshooting

- **Mower will not start:** Ensure batteries are fully charged and properly installed. Check that the safety start lever and control bar are being engaged correctly.
- **Poor cutting performance or uneven cut:** Check that the cutting height is set evenly on all wheels. Ensure the blade is sharp and not damaged. Mow at a slower, steady pace.
- **Grass not discharging or bagging properly:** Ensure the correct mode is selected on the dial. Check that the mower deck and discharge chute are not clogged with grass. Do not allow the grass bag to overfill.

- **Reduced runtime:** Batteries may be depleted. Recharge fully. Extreme cold can reduce battery performance. Ensure batteries are at room temperature before use.
- **Mower vibrates excessively:** Stop the mower immediately and remove batteries. Check for a loose or damaged blade, or debris wrapped around the blade spindle.

Specifications

- **Brand:** CRAFTSMAN
- **Model Number:** CMCMWP120M2
- **Power Source:** (2) V20* 4.0Ah Lithium-Ion Batteries (CMCB204)
- **Cutting Width:** 15 Inches
- **Cutting Height Range:** 1" - 3"
- **Cutting Modes:** 3-in-1 (Mulch, Bag, Rear Discharge)
- **Deck Material:** Plastic
- **Blade Type:** Single Blade
- **Handle Storage:** Tool-less Folding (4 Levers)
- **Product Weight:** 29% lighter than traditional walk-behind mowers
- **Product Dimensions (L x W x H):** 29.45" x 16.34" x 14.78"
- **Recommended Lawn Size:** Up to 1/4 acre
- **Approximate Runtime:** Up to 45 minutes

Compliance and Disposal

This product complies with applicable standards. At the end of its useful life, do not dispose of this product with household waste. Recycle the batteries separately according to local regulations. Contact your local waste disposal authority for information on available recycling and disposal options.

Warning

This content is compiled from multiple sources and is provided for reference purposes only. It may not be complete or fully applicable to all situations. If you are unable to resolve your issue, please contact the product manufacturer or an authorized service provider for official support.