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› CRAFTSMAN V20 Cordless Brad Nailer Instruction Manual

CRAFTSMAN CMCN618C1

CRAFTSMAN V20 Cordless Brad Nailer Instruction Manual

Model: CMCN618C1

PRODUCT OVERVIEW

The CRAFTSMAN V20* 18GA Cordless Brad Nailer Kit (1 Battery) is engineered for efficiency, eliminating the need for compressors, hoses, or costly gas cartridges. Its powerful motor ensures consistent firing power across various weather conditions and materials. The tool features a single tool-free depth setting for quick adjustments and a contoured over-molded handle for reduced user fatigue during extended use. This lightweight design with an optimal center of gravity provides excellent balance and comfort.



Figure 1: CRAFTSMAN V20 Cordless Brad Nailer, 18 Gauge, with battery attached.

SETUP

Package Contents

- CRAFTSMAN V20 Cordless Brad Nailer (CMCN618C1)
- V20 Lithium Ion Battery
- Battery Charger

Battery Installation and Charging

Ensure the battery is fully charged before first use. Insert the battery into the charger, aligning the terminals. The charger indicator light will show charging status. Once fully charged, remove the battery from the charger. To install the battery

into the nailer, slide it into the base of the tool until it clicks securely into place.



Figure 2: Side view of the nailer, showing the battery attachment point.

Loading Brad Nails

This nailer drives adhesive collated 18 GA finish nails. To load nails, pull back the pusher mechanism on the magazine. Insert a strip of 18-gauge brad nails into the magazine, ensuring the nails are oriented correctly. Release the pusher mechanism to secure the nails in place.



Figure 3: Close-up of the nailer's magazine, illustrating the nail loading process.

OPERATING INSTRUCTIONS

Adjusting Nail Depth

The tool features tool-free depth settings for quick and easy adjustment of nail depth. Locate the depth adjustment dial or lever on the tool and rotate or slide it to achieve the desired nail penetration for your material. This ensures consistent results across various applications.



Figure 4: Detail of the tool-free depth adjustment feature.

Firing the Nailer

To fire a nail, firmly press the nose of the nailer against the workpiece. This engages the contact trip safety mechanism. While maintaining pressure, pull the trigger to drive the nail. The powerful motor delivers consistent firing power in various climate conditions and materials.

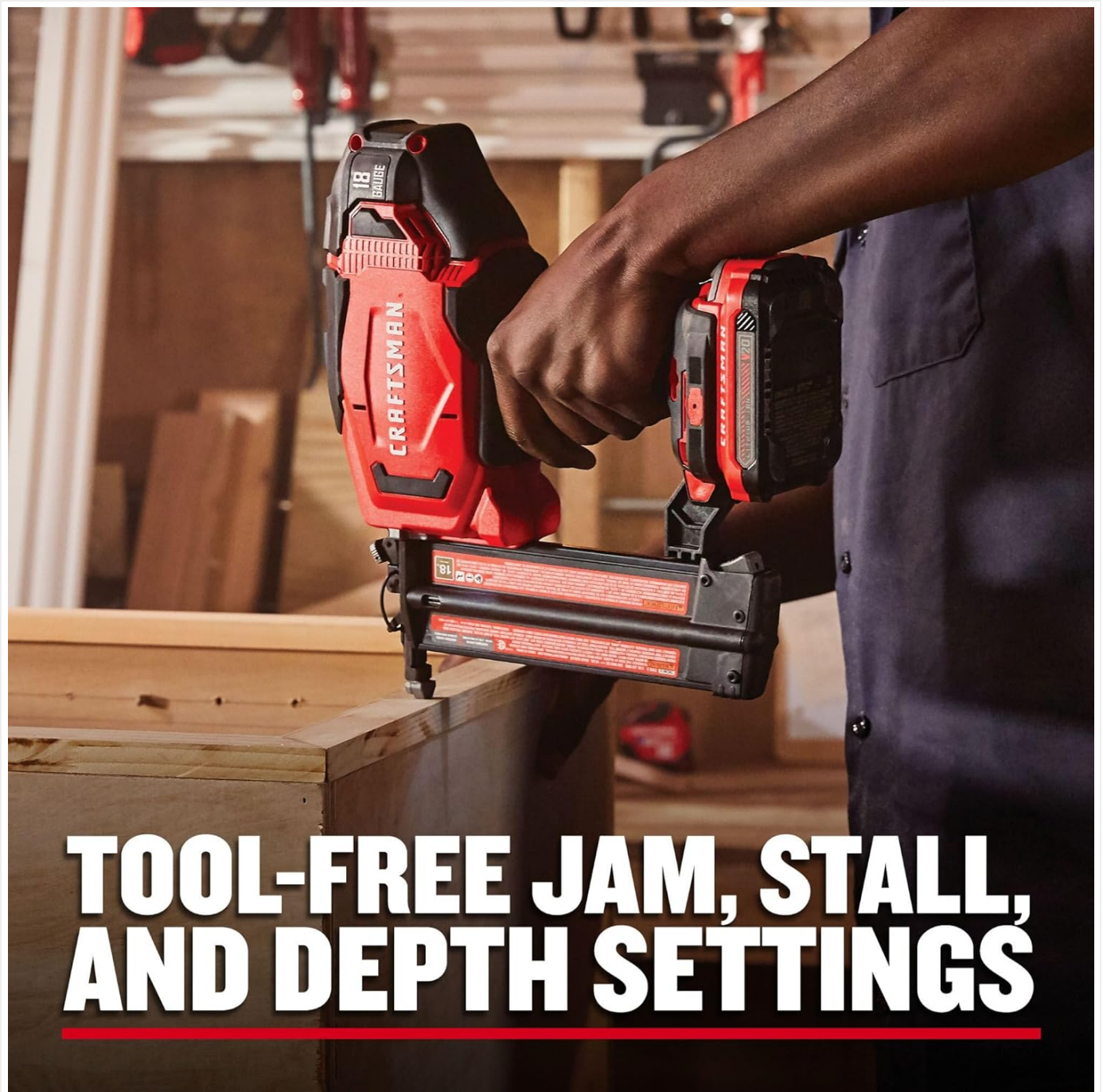


Figure 5: Demonstrating consistent firing power on a workpiece.

Ergonomics and Portability

The nailer is designed to minimize user fatigue during prolonged usage. It is lightweight with an optimal center of gravity, providing excellent balance and comfort in hand. The contoured over-molded handle offers added comfort and grip. A belt hook is included for convenient access and storage while working.



Figure 6: Highlighting the contoured over-molded handle for improved comfort.



Figure 7: The integrated belt hook for convenient carrying.

MAINTENANCE

Clearing Jams and Stalls

The CRAFTSMAN V20 Brad Nailer features tool-free jam and stall settings for ease of use. In the event of a nail jam or stall, refer to the markings on the tool for quick access to the clearing mechanism. Always ensure the battery is removed before attempting to clear any jams to prevent accidental firing.



Figure 8: Detail of the tool-free jam and stall clearing mechanism.

General Care and Storage

Keep the tool clean and free of debris. Regularly inspect the magazine and firing pin area for any buildup. Store the nailer in a dry, secure location away from direct sunlight and extreme temperatures. Remove the battery when the tool is not in use for extended periods.

TROUBLESHOOTING

Common Issues and Solutions

- **Nailer not firing:** Check if the battery is fully charged and properly inserted. Ensure the contact trip is fully

depressed against the workpiece. Verify that the magazine is loaded with nails.

- **Nails not fully sinking:** Adjust the depth setting to a deeper penetration. Ensure the correct nail gauge (18 GA) is being used.
- **Nail jams:** Follow the tool-free jam clearing instructions provided in the Maintenance section.
- **Reduced performance:** Ensure the battery is fully charged. Cold weather can affect battery performance; allow the battery to warm up if operating in low temperatures.

For persistent issues not covered here, please refer to the full installation manual or contact CRAFTSMAN customer support.

SPECIFICATIONS

Feature	Detail
Brand	CRAFTSMAN
Model Number	CMCN618C1
Power Source	Battery Powered (V20 Lithium Ion)
Nail Gauge	18 GA
Included Components	Battery, Battery Charger
Item Weight	7.46 pounds
Product Dimensions	12.5"L x 4.2"W x 11.56"H
Surface Recommendation	Wood
Special Feature	Brushless Motor

WARRANTY AND SUPPORT

Warranty Information

The CRAFTSMAN V20 Cordless Brad Nailer comes with a limited warranty. For specific details regarding warranty coverage, terms, and conditions, please refer to the official product documentation or contact CRAFTSMAN customer service.

Additional Support

For further assistance, including detailed installation instructions, troubleshooting guides, or to purchase accessories, please refer to the official Installation Manual available as a PDF document. You can typically find this on the product's support page on the manufacturer's website or via the link provided with your purchase.

[Download Installation Manual \(PDF\)](#)

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