Ingco CBNLI2028

Ingco CBNLI2028 Lithium-ion Cordless Brad Nailer Kit

Model: CBNLI2028 (Part No. 24127740)

Brand: Ingco

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1. Introduction

Thank you for choosing the Ingco CBNLI2028 Lithium-ion Cordless Brad Nailer Kit. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your new tool. Please read this manual thoroughly before first use and keep it for future reference. Proper understanding and adherence to these instructions will ensure optimal performance and extend the lifespan of your brad nailer.

2. Safety Instructions

Always observe basic safety precautions when using power tools to reduce the risk of fire, electric shock, and personal injury.

General Power Tool Safety Warnings:

- **Work Area Safety:** Keep work area clean and well lit. Cluttered or dark areas invite accidents. Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust.
- **Electrical Safety:** Power tool plugs must match the outlet. Never modify the plug in any way. Do not expose power tools to rain or wet conditions.
- **Personal Safety:** Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication. Always wear appropriate personal protective equipment (PPE) including safety glasses, hearing protection, and gloves.
- **Tool Use and Care:** Do not force the power tool. Use the correct power tool for your application. Disconnect the plug from the power source and/or remove the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools.

Specific Brad Nailer Safety:

- Always assume the tool is loaded with fasteners. Careless handling of the nailer can result in unexpected firing and personal injury.
- Do not point the tool at yourself or anyone nearby.
- Do not operate the tool unless it is placed firmly against the workpiece.
- Keep hands and body parts away from the discharge area.
- Only use fasteners of the type and size specified in this manual.
- Ensure the workpiece is stable and secured before nailing.

3. Product Overview

The Ingco CBNLI2028 is a powerful and versatile Lithium-ion cordless brad nailer designed for various fastening applications. Its cordless design offers maximum portability and convenience.



Figure 3.1: Ingco CBNLI2028 Lithium-ion Cordless Brad Nailer. This image shows the main view of the brad nailer, highlighting its compact and ergonomic design, the magazine for nails, and the handle.

Key Features:

- **Voltage:** 20V Lithium-ion power for consistent performance.
- **Nail Type:** Compatible with F15 to F50 brad nails.
- **Drive Rate:** Capable of driving approximately 2.5 nails per second.
- **Magazine Capacity:** Holds up to 100 brad nails for extended use.
- **Ramp-up Time:** Quick start-up with an 80ms ramp-up time.
- **Portability:** Cordless design for unrestricted movement.

4. Setup

Before operating the brad nailer, ensure it is properly set up and all safety precautions are observed.

4.1. Battery Installation (Battery and charger sold separately)

1. Ensure the brad nailer is switched off and the trigger is disengaged.
2. Align the 20V Lithium-ion battery pack with the battery port at the base of the tool handle.
3. Slide the battery pack firmly into place until it clicks, indicating it is securely locked.
4. To remove, press the battery release button (if present) and slide the battery out.

4.2. Loading Brad Nails



Figure 4.1: Side view of the Ingco Brad Nailer, showing the nail magazine. This image illustrates the side profile of the nailer, with a clear view of the magazine where brad nails are loaded.

1. Ensure the tool is disconnected from the battery for safety.
2. Locate the nail magazine release latch, typically at the rear or side of the magazine.
3. Pull back the magazine follower or open the magazine door.
4. Insert a strip of F15 to F50 brad nails into the magazine, ensuring the nail heads are correctly oriented. The magazine capacity is 100 pieces.
5. Push the magazine follower forward until it engages with the nails, or close the magazine door securely.
6. Verify that the nails are seated correctly and move freely within the magazine.

4.3. Depth Adjustment (if applicable)

Some models feature a depth adjustment dial or lever. Refer to your tool's specific markings to adjust the nail driving depth according to your material and application needs. Test on a scrap piece of material first.

5. Operating Instructions

Follow these steps for safe and effective operation of your Ingco brad nailer.

1. **Prepare Workpiece:** Ensure the material you are working on is clean, dry, and free of obstructions. Secure the workpiece if necessary to prevent movement during nailing.
2. **Power On:** Insert the charged 20V Lithium-ion battery. The tool has an 80ms ramp-up time before it is ready to fire.
3. **Position the Tool:** Place the nose of the brad nailer firmly and squarely against the surface of the workpiece where you intend to drive a nail. Ensure the contact trip mechanism is fully depressed.

4. **Drive Nail:** Squeeze the trigger to drive a nail. The tool is designed for a drive rate of approximately 2.5 nails per second.
5. **Continuous Nailing:** For sequential nailing, maintain pressure on the nose against the workpiece and repeatedly squeeze the trigger. For bump firing (if supported), hold the trigger and press the nose against the workpiece at each desired nailing point.
6. **Check Nail Depth:** After driving a few nails, inspect the depth. Adjust the depth setting if nails are too deep or not deep enough.
7. **Power Off:** When finished or before making any adjustments, remove the battery pack from the tool.

Important: Always keep your hands clear of the firing area and ensure no one is in the line of fire. Do not attempt to clear jams with the battery connected.

6. Maintenance

Regular maintenance ensures the longevity and optimal performance of your Ingco brad nailer.

6.1. Cleaning

- Always disconnect the battery before cleaning.
- Use a clean, dry cloth to wipe down the exterior of the tool.
- Periodically clear dust and debris from the air vents using compressed air (wear eye protection).
- Inspect the nail magazine for any accumulated dust or nail fragments and remove them.

6.2. Storage

- Store the brad nailer in a dry, secure location, away from direct sunlight, moisture, and extreme temperatures.
- Remove the battery pack before storing for extended periods.
- Store out of reach of children and unauthorized persons.

6.3. Inspection

- Before each use, inspect the tool for any signs of damage, loose parts, or wear.
- Check the power cord of the charger (if applicable) for damage.
- Ensure all screws and fasteners are tight.
- If any damage is found, do not use the tool. Contact qualified service personnel for repair.

7. Troubleshooting

This section addresses common issues you might encounter with your brad nailer. For problems not listed here, contact customer support.

Problem	Possible Cause	Solution
Nailer does not fire.	Battery not charged or not inserted correctly. No nails in magazine. Contact trip not fully depressed.	Charge battery and ensure it is securely inserted. Load nails into the magazine. Press the nose of the tool firmly against the workpiece.

Problem	Possible Cause	Solution
Nails not driving fully.	Insufficient depth setting. Low battery charge. Incorrect nail size for material.	Adjust depth setting (if applicable). Recharge battery. Use appropriate nail size (F15-F50) for the material.
Nails jamming.	Damaged or incorrect nails. Debris in magazine or firing mechanism. Tool not held firmly against workpiece.	Use only specified, undamaged nails. Disconnect battery, clear debris from magazine and nose. Ensure tool is firmly pressed against the surface.
Tool feels sluggish or slow.	Low battery charge. Tool overheating.	Recharge battery. Allow tool to cool down before resuming operation.

8. Specifications

Technical specifications for the Ingco CBNLI2028 Lithium-ion Cordless Brad Nailer.

Feature	Detail
Model Number	CBNLI2028 (Part No. 24127740)
Voltage	20V
Nail Type	F15 ~ F50 Brad Nails
Drive Rate	Approx. 2.5 nails/second
Magazine Capacity	100 pieces
Ramp Up Time	80ms
Item Weight	2.8 Kilograms
Product Dimensions	10 x 20 x 37 cm
Material	Plastic
Color	Orange/Black
Power Source Type	Battery Powered (Lithium-ion, charger sold separately)
Batteries Required	Yes (not included)

9. Warranty & Support

Specific warranty information for the Ingco CBNLI2028 Lithium-ion Cordless Brad Nailer is not provided in this manual. Please refer to the warranty card included with your product packaging or visit the official Ingco website for detailed warranty terms and conditions.

For technical support, spare parts, or service inquiries, please contact your local Ingco authorized service center or the retailer from whom you purchased the product. You may also find helpful resources and contact information on the official Ingco website: www.ingcotools.com (*Note: This is a placeholder URL as no specific support link was provided in the product data.*)

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