

BHTOP CN45N Roofing Nailer User Manual

Model: CN45N

1. INTRODUCTION

This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your BHTOP CN45N Roofing Nailer. Please read this manual thoroughly before using the tool to ensure proper handling and to prevent injury or damage.

The BHTOP CN45N is a professional-grade roofing nail gun designed for various applications, including asphalt and cedar shingles, roof and wall sheathing, wood crate assembly, flooring underlayment, siding installation, and fences. It is compatible with 15-degree wire collated roofing nails ranging from 3/4-inch to 1-3/4-inch.



Figure 1: BHTOP CN45N Roofing Nailer and included accessories.

2. SAFETY INFORMATION

Always prioritize safety when operating power tools. Failure to follow safety instructions can result in serious injury.

- **Wear Eye Protection:** Always wear ANSI Z87.1 approved safety goggles or glasses to protect your eyes from flying debris.
- **Wear Hearing Protection:** Prolonged exposure to loud noise can cause hearing damage.
- **Read the Manual:** Understand all operating procedures and safety warnings before use.
- **Inspect Tool Before Use:** Ensure the tool is in good working condition. Check for loose parts, damaged hoses, or air leaks.
- **Disconnect Air Supply:** Always disconnect the air supply before making adjustments, clearing jams, or performing maintenance.

- **Keep Work Area Clear:** Ensure your work area is well-lit and free of clutter.
- **Maintain Firm Grip:** Hold the tool firmly with both hands during operation.
- **Safety Switch Design:** The tool features a safety switch design to prevent accidental firing. Ensure it functions correctly.



Figure 2: Safety goggles are included and should always be worn during operation.

3. PRODUCT COMPONENTS

The BHTOP CN45N Roofing Nailer is designed for durability and user comfort. Key components include:

- **Ergonomically Designed Comfort Grip:** Provides a secure and comfortable hold, reducing user fatigue during extended use.
- **Steel Contact Safety:** Features dual carbide inserts for reduced wear and enhanced safety during contact firing.
- **Large Capacity Magazine:** Holds up to 120 pieces of coil nails, allowing for continuous work without frequent reloading.

- **Magnetic Nail Holder:** Aligns nails during loading and helps prevent jams.
- **Tool-less Depth of Drive Adjustment:** Allows for quick and precise adjustment of nail depth without additional tools.
- **3/8-inch Air Hose Interface:** Provides a precise connection for your air supply.



Figure 3: Overview of the BHTOP CN45N Roofing Nailer's main components.

4. SETUP

4.1. Loading Nails

1. Ensure the air supply is disconnected before loading nails.
2. Open the magazine cover.
3. Place a coil of 15-degree wire collated roofing nails (3/4" to 1-3/4" long) into the magazine. Ensure the nails are properly seated and aligned by the magnetic nail holder.

4. Close the magazine cover securely.



Big Magazine Capacity

The tray can be rotated to achieve the effect of lifting up and down, thus changing the size of the nails



Figure 4: The large capacity magazine can hold up to 120 nails.

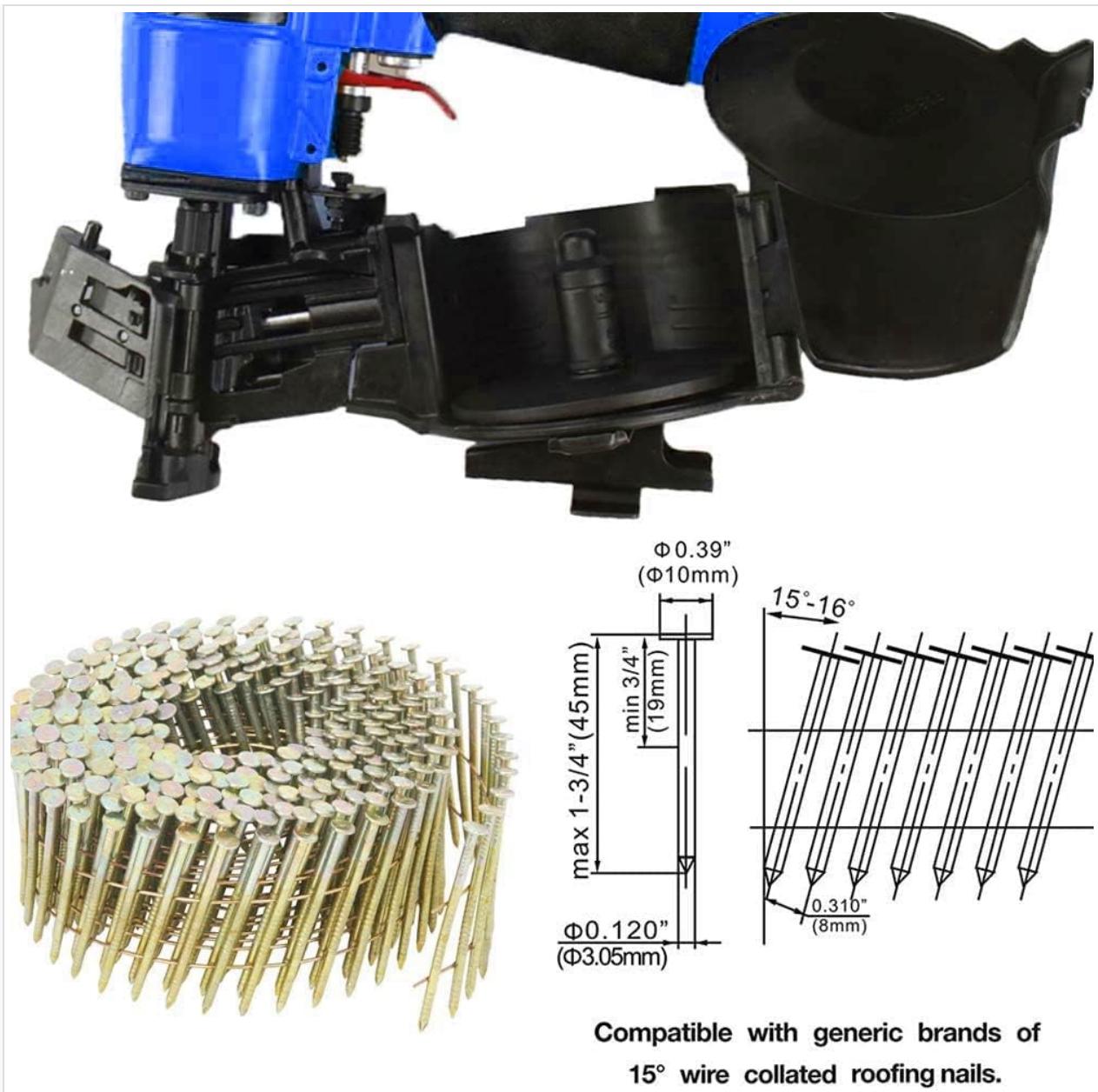


Figure 5: The nailer is compatible with 15-degree wire collated roofing nails from 3/4" to 1-3/4" in length.

4.2. Connecting Air Supply

1. Connect a 3/8-inch air hose to the tool's air inlet.
2. Ensure the air compressor is set to the recommended operating pressure of 70-110 psi (4.8-7.5 bar). The maximum operating pressure is 120 psi (8.3 bar).
3. Verify all connections are secure to prevent air leaks.

4.3. Setup and Loading Demonstration Video

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Video 1: This video demonstrates the setup process, including loading nails and connecting the air supply to the BHTOP CN45N Roofing Nailer.

5. OPERATING INSTRUCTIONS

5.1. General Operation

1. With the air supply connected and nails loaded, hold the nailer firmly.
2. Place the nose of the tool against the workpiece where the nail is to be driven.
3. Press down firmly on the tool to engage the contact safety.
4. Squeeze the trigger to drive the nail.
5. Release the trigger and lift the tool from the workpiece.

5.2. Adjusting Depth of Drive

The BHTOP CN45N features a tool-less depth of drive adjustment. Locate the adjustment mechanism near the nose of the tool and rotate or slide it to achieve the desired nail depth for flush driving or specific material requirements.

5.3. Applications

This roofing nailer is versatile and suitable for a variety of tasks:

- Roofing (Asphalt and Cedar Shingles)
- Wall Sheathing
- Wood Assembly
- Flooring Underlayment
- Siding Installation
- Fences



- ✓ New structure
- ✓ High Strength Materials
- ✓ Big loading capacity
- ✓ Easy to use
- For Roof
- Wall Sheathing
- Wood Assemble
- Asphalt
- Cedar Shingles
- Fence

Figure 6: The CN45N is suitable for various applications including roofing and wall sheathing.

5.4. Operation Demonstration Video

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Video 2: This video illustrates the BHTOP CN45N Roofing Nailer in action, demonstrating its performance in various applications.

6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your BHTOP CN45N Roofing Nailer.

- **Lubrication:** Apply a few drops of pneumatic tool oil (lubricant included in package) into the air inlet before each use or after every few hours of continuous operation. This lubricates internal components and helps prevent wear.
- **Cleaning:** Keep the tool clean and free of debris. Wipe down the exterior with a clean cloth. Periodically check the magazine and nose for any accumulated dust or nail fragments.
- **Air Filter:** If your air compressor has an inline air filter, ensure it is regularly cleaned or replaced to prevent contaminants from entering the nailer.

- **Storage:** Store the nailer in a dry, clean environment when not in use. Disconnect the air supply and remove any remaining nails from the magazine.

7. TROUBLESHOOTING

Below are common issues and their potential solutions:

Problem	Possible Cause	Solution
Nailer does not fire	No air supply, low air pressure, jammed nails, safety not engaged.	Check air hose connection, increase air pressure, clear nail jam, ensure nose is pressed firmly against workpiece.
Nails not driven flush	Low air pressure, incorrect depth adjustment, wrong nail size.	Increase air pressure, adjust depth setting, ensure correct nail length for material.
Nailer jams frequently	Incorrect nail type/size, damaged nails, debris in magazine, worn driver blade.	Use recommended nails, inspect nails before loading, clean magazine, contact service for blade replacement.
Air leaks	Loose fittings, damaged O-rings.	Tighten fittings, replace worn O-rings.

If you encounter issues not listed here or if solutions do not resolve the problem, please contact BHTOP customer support.

8. SPECIFICATIONS

Technical details for the BHTOP CN45N Roofing Nailer:

Feature	Detail
Model Number	CN45N
Manufacturer	BHTOP
Item Weight	7.06 pounds
Package Dimensions	13.74 x 12.83 x 5.75 inches
Color	Blue
Nail Compatibility	15 degree wire collated roofing nails, 3/4" to 1-3/4"
Magazine Capacity	120 PCS

Feature	Detail
Recommended Allowable Pressure	5-7.5 BAR (70-110 psi)
Maximum Working Pressure	8.3 BAR (120 psi)
Air Inlet Size	3/8 inch
Activation Mode	Contact Actuation
Max LPC	126.4 DB

TECHNICAL DATE



MAGAZINE CAPACITY: 120 PCS

RECOMMENDED ALLOWABLE PREESSURE:5-7.5 BAR

MAXXIMUM WORKING PRESSURE: 8.3 BAR

AIR INLET SIZE : 3/8 INCH

ACTIVATION MODE: CONTACT ACTUTION

MAX LPC: 126.4 DB

Figure 7: Visual representation of key technical specifications.

9. WARRANTY AND SUPPORT

For detailed warranty information and customer support, please refer to the following resources:

- **Official User Guide:** A comprehensive PDF user guide is available for download:[Download User Guide \(PDF\)](#)
- **BHTOP Store:** Visit the official BHTOP store for more products and support information[BHTOP Store on Amazon](#)
- **Protection Plans:** Consider purchasing extended protection plans for additional coverage. Details are available at the point of purchase.

For any questions or assistance, please contact BHTOP customer service through the official store or your retailer.

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