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Dongcheng FF-T50DC

Dongcheng Air Nailer FF-T50DC Instruction Manual

Introduction

This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your Dongcheng Air Nailer, model FF-T50DC. Please read this manual thoroughly before using the tool to ensure proper handling and to prevent injury or damage. Keep this manual for future reference.

Safety Instructions

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

- **Wear Eye Protection:** Always wear safety glasses or goggles that comply with applicable standards to protect against flying debris.
- **Hearing Protection:** Use ear protection to prevent hearing damage from prolonged noise exposure.
- **Hand Protection:** Wear appropriate gloves to protect hands during operation and handling.
- **Disconnect Air Supply:** Always disconnect the air supply before making adjustments, clearing jams, servicing, or when the tool is not in use.
- **Maintain Work Area:** Keep the work area clean, well-lit, and free from clutter. Ensure proper ventilation.
- **Secure Workpiece:** Always secure the workpiece to prevent movement during nailing.
- **Proper Air Pressure:** Do not exceed the maximum recommended air pressure for the tool. Refer to the specifications section.
- **Inspect Tool:** Before each use, inspect the tool for any damaged or missing parts. Do not operate a damaged tool.
- **Never Point at Self or Others:** Never point the tool at yourself or others, even if you believe it is unloaded.
- **Keep Children Away:** Do not allow children or untrained persons to operate this tool.

Product Overview

The Dongcheng Air Nailer FF-T50DC is a pneumatic tool designed for driving brad nails. It features a durable construction and a comfortable design for extended use.



Image of the Dongcheng Air Nailer FF-T50DC, showing its main body, handle, and magazine.

Key Components:

- **Trigger:** Activates the nailing mechanism.
- **Magazine:** Holds the brad nails. Capacity: 100 pieces.
- **Air Inlet:** Connection point for the air hose from the compressor.
- **Depth Adjustment (if applicable):** Allows control over nail driving depth.
- **Safety Mechanism:** Prevents accidental firing.

Setup

1. **Prepare Air Compressor:** Ensure your air compressor is set to the recommended working pressure of 4-8 bar (60-115 PSI).
2. **Connect Air Hose:** Attach an air hose with an inner diameter of 8 mm to the tool's air inlet. Ensure a secure connection to prevent air leaks.
3. **Load Nails:**
    - Open the magazine latch.
    - Insert a strip of 1.6 x 1.4 mm brad nails into the magazine.
    - Close the magazine latch securely.
4. **Test Firing:** Before actual use, perform a test fire on a scrap piece of material to ensure proper operation and nail depth.

Operating Instructions

1. **Grip the Tool:** Hold the air nailer firmly with both hands, ensuring a stable grip on the handle.
2. **Position the Tool:** Place the nose of the tool firmly against the workpiece where the nail is to be driven. Ensure the

safety mechanism is engaged by pressing the nose against the surface.

3. **Drive the Nail:** Squeeze the trigger to drive the nail. The tool will fire a nail when the trigger is pulled and the safety mechanism is depressed.
4. **Continuous Nailing (if applicable):** For rapid nailing, some models allow for sequential or contact firing. Refer to specific tool features if available.
5. **Adjust Depth:** If your model has a depth adjustment feature, rotate the adjustment knob or lever to achieve the desired nail depth. Test on scrap material after adjustment.
6. **After Use:** Disconnect the air supply and store the tool in a clean, dry place.

Maintenance

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

- **Daily Inspection:** Check for loose screws, damaged parts, or air leaks before each use. Tighten or replace as necessary.
- **Lubrication:** Apply a few drops of pneumatic tool oil into the air inlet before each use or after every few hours of operation. This lubricates internal components.
- **Clean Magazine:** Periodically clean the nail magazine to remove dust, debris, or nail residue that could cause jams.
- **Air Filter:** If your air compressor has an inline air filter, ensure it is clean and functioning correctly to prevent contaminants from entering the tool.
- **Storage:** Store the tool in a dry environment, away from direct sunlight and extreme temperatures.

Troubleshooting

Refer to this section for common issues and their solutions.

Problem	Possible Cause	Solution
Nailer does not fire	No air supply; Low air pressure; Safety mechanism not engaged; Empty magazine; Jammed nail.	Check air hose connection; Increase air pressure to 4-8 bar; Press tool firmly against workpiece; Reload nails; Clear nail jam (disconnect air first).
Nails do not drive fully	Low air pressure; Incorrect nail length; Depth adjustment too shallow.	Increase air pressure; Ensure correct nail size (1.6 x 1.4 mm brad nails); Adjust depth setting.
Air leaks from tool	Loose air fitting; Damaged O-rings or seals.	Tighten air hose connection; Inspect and replace damaged O-rings or seals (professional service recommended).
Nails jam frequently	Incorrect nail size; Damaged nails; Dirty magazine; Worn driver blade.	Use correct 1.6 x 1.4 mm brad nails; Use high-quality nails; Clean magazine; Replace driver blade (professional service recommended).

Specifications

Technical specifications for the Dongcheng Air Nailer FF-T50DC.

Brand: Dongcheng

Model Number: FF-T50DC

Power Source: Pneumatic (requires air compressor)

Magazine Capacity: 100 pieces

Air Tube Inner Diameter: 8 mm

Nail Size: 1.6 x 1.4 mm

Nail Type: Brad nail

Product Weight: 2.1 kg

Working Pressure: 4-8 bar (approximately 60-115 PSI)

Shipping Dimensions: 34.17 x 25.2 x 11 cm

Shipping Weight: 2.78 kg

Warranty and Support

Specific warranty information and customer support details are not available in the provided product data. Please refer to your purchase documentation or contact the retailer for warranty terms and support options.

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