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## TACWISE C1832V

# Tacwise C1832V Type 18G Pneumatic Nailer Instruction Manual

Model: C1832V

## INTRODUCTION

This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your Tacwise C1832V Type 18G Pneumatic Nailer. Please read this manual thoroughly before using the tool to ensure proper handling and to prevent injury or damage.

The Tacwise C1832V is a lightweight and comfortable pneumatic nailer designed for a wide range of nailing tasks, including door frame processing, fence work, and floor laying. It operates with Tacwise Type 180 (18G) nails ranging from 10-32 mm and requires an air compressor operating at 60-100 PSI.

## SAFETY INFORMATION

Always follow basic safety precautions when using power tools to reduce the risk of personal injury. Keep this manual for future reference.

### General Safety Rules

- **Eye Protection:** Always wear ANSI Z87.1 approved safety glasses with side shields.
- **Hearing Protection:** Wear hearing protection during operation.
- **Hand Protection:** Wear appropriate gloves to protect hands.
- **Work Area:** Keep the work area clean, well-lit, and free from obstructions. Do not operate in explosive atmospheres.
- **Tool Condition:** Inspect the tool before each use. Do not use if damaged or if parts are missing.
- **Air Supply:** Ensure the air compressor is set to the recommended pressure (60-100 PSI). Never exceed the maximum operating pressure. Disconnect air supply before making adjustments, clearing jams, or servicing.
- **Fasteners:** Use only Tacwise Type 180 (18G) nails between 10-32 mm.
- **Trigger Lock:** Always engage the trigger lock when the tool is not in use or when performing maintenance.

- **Body Position:** Keep hands and body away from the firing area. Never point the tool at yourself or others.

## PRODUCT COMPONENTS

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Familiarize yourself with the main parts of your pneumatic nailer.



**Figure 1:** Tacwise C1832V Pneumatic Nailer, including its carrying case, two Allen keys, and a small bottle of pneumatic tool oil. This image shows the complete package contents.

- **Magazine:** Holds the strip of nails.
- **Trigger:** Activates the firing mechanism.
- **Depth Adjustment Wheel:** Controls the depth of nail penetration.
- **Nose Plate:** Guides the nail and can be easily released for jam clearing.
- **Air Inlet:** Connection point for the air hose from the compressor.
- **Rubber Grip:** Provides comfortable and secure handling.

## SETUP

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### 1. Connecting to Air Supply

1. Ensure your air compressor is turned off and the air tank is drained.
2. Connect a suitable air hose to the air inlet on the nailer. Ensure a secure connection to prevent air leaks.
3. Set your air compressor's regulator to the recommended operating pressure of 60-100 PSI. Do not exceed 100 PSI.
4. Turn on the air compressor and allow it to build pressure.



**Figure 2:** The Tacwise C1832V nailer connected to an air hose, illustrating the required air compressor connection for operation.

## 2. Loading Nails

1. Disconnect the nailer from the air supply before loading nails.
2. Pull back the magazine follower until it locks into place.
3. Insert a strip of Tacwise Type 180 (18G) nails (10-32 mm) into the magazine with the points facing down.
4. Release the magazine follower, allowing it to push the nails forward. Ensure nails are seated correctly.

## OPERATING INSTRUCTIONS

## 1. Adjusting Nail Depth

The nailer features a depth adjustment wheel to control how deep the nail penetrates the material. Rotate the wheel to achieve the desired depth. Test on a scrap piece of material first.



**Figure 3:** A user operating the Tacwise C1832V nailer to secure a wooden piece, demonstrating typical application.

## 2. Firing the Nailer

1. Ensure the nailer is connected to the air supply and loaded with nails.
2. Place the nose of the tool firmly against the workpiece where the nail is to be driven.
3. Squeeze the trigger to fire a nail. The tool is designed for comfortable and rapid operation.
4. After use, disconnect the air supply and engage the trigger lock.



Figure 4: The nailer being used to attach trim to a cabinet, showcasing its precision in finishing applications.

## MAINTENANCE

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

### 1. Lubrication

Apply a few drops of pneumatic tool oil (supplied) into the air inlet before each use or after every few hours of continuous operation. This lubricates internal components and prevents wear.

### 2. Cleaning

Keep the tool clean and free from dust and debris. Use a clean, dry cloth. Do not use solvents that may damage plastic parts.

### 3. Clearing Jams

1. **Disconnect Air Supply:** Always disconnect the air hose before attempting to clear a jam.
2. **Open Nose Plate:** The nailer features an easy-release nose plate. Open it carefully.

3. **Remove Jammed Nail:** Use pliers or a similar tool to carefully remove any jammed nails or debris from the firing mechanism.
4. **Close Nose Plate:** Ensure the nose plate is securely closed before reconnecting the air supply.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
Nailer does not fire	No air supply; Low air pressure; Empty magazine; Jammed nail; Trigger lock engaged	Check air hose connection; Increase air pressure (60-100 PSI); Reload nails; Clear jam; Disengage trigger lock
Nails not driven flush	Low air pressure; Depth adjustment too shallow; Incorrect nail size	Increase air pressure; Adjust depth wheel deeper; Ensure correct 18G nails (10-32mm) are used
Nails jam frequently	Damaged nails; Incorrect nail size; Worn driver blade; Lack of lubrication	Use new, undamaged nails; Ensure correct 18G nails; Contact service for blade replacement; Lubricate tool
Air leaks	Loose air fitting; Damaged O-rings/seals	Tighten air fittings; Contact service for O-ring/seal replacement

## SPECIFICATIONS

Feature	Detail
Model Number	C1832V
Nail Type	Tacwise Type 180 (18G) Brad Nails
Nail Length Range	10-32 mm
Operating Pressure	60-100 PSI (4.1-6.9 bar)
Magazine Capacity	100 fasteners
Weight	1.98 kg
Dimensions (L x W)	31.5L x 27.5W cm
Material	Rubber (grip)
Color	Orange / Black

## Weight Information



Figure 5: The Tacwise C1832V nailer, highlighting its lightweight design for user comfort. Note: Product specifications list the weight as 1.98 kg.

## Dimensions



**Figure 6:** Side view of the Tacwise C1832V nailer showing its approximate dimensions: 227mm (8 15/16") height and 260mm (10 1/4") length.

## WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the documentation included with your purchase or contact Tacwise customer service directly. Keep your purchase receipt as proof of purchase.

**Manufacturer:** Tacwise

**Model:** C1832V

**ASIN:** B006XBTLVO