

meite ST64L

meite ST64L Concrete Nail Gun Instruction Manual

Model: ST64L

1. INTRODUCTION

This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your meite ST64L Concrete Nail Gun. Please read all instructions carefully before use to ensure proper handling and to prevent injury or damage.

2. SAFETY INFORMATION

Always prioritize safety when operating power tools. Failure to follow these safety guidelines may result in serious injury.

- **Wear Personal Protective Equipment (PPE):** Always wear safety glasses, hearing protection, and gloves. A dust mask is recommended in dusty environments.
- **Inspect Tool Before Use:** Before each use, check the nail gun for any damage, loose parts, or air leaks. Do not use a damaged tool.
- **Use Correct Air Pressure:** Operate the nail gun within the recommended air pressure range of 85-120 PSI. Exceeding this range can cause tool damage or injury.
- **Disconnect Air Supply:** Always disconnect the air supply before loading nails, clearing jams, performing maintenance, or when the tool is not in use.
- **Keep Work Area Clear:** Ensure your work area is clean, well-lit, and free from obstructions. Keep bystanders, especially children, away from the operating area.
- **Maintain Firm Grip:** Hold the tool firmly with both hands during operation.
- **Avoid Accidental Firing:** Never carry the tool with your finger on the trigger. The tool features a safety switch lock that prevents accidental firing unless pressed against the work surface.
- **Secure Workpiece:** Ensure the material you are nailing is stable and securely fastened.
- **Use Correct Fasteners:** Only use 14 GA glue-collated concrete T-nails ranging from 3/4" to 2-1/2" (18-64 mm) in length.

3. PRODUCT COMPONENTS

The meite ST64L Concrete Nail Gun includes the following main components:

- **Metal Body:** The main housing of the tool.
- **Exhaust Cover:** Directs air exhaust away from the user.
- **Rubber Handle:** Provides a comfortable and secure grip.
- **Air Inlet:** Connection point for the air compressor hose.
- **Trigger:** Activates the nailing mechanism.
- **Muzzle Panel:** The front part of the tool where nails exit.
- **Safety Switch Lock:** Prevents accidental firing.
- **Sturdy Magazine:** Holds the strip of nails.
- **Magazine Release Latch:** Used to open the magazine for loading.



Figure 1: Labeled components of the meite ST64L Concrete Nail Gun.

4. SPECIFICATIONS

Specification	Value
Model Number	ST64L
Nail Gauge	14 GA
Nail Length Range	3/4" to 2-1/2" (18-64 mm)
Operating Pressure	85-120 PSI
Magazine Capacity	100 Nails
Item Weight	2.45 pounds (tool only)
Muzzle Design	Extended Muzzle (4 inches)

Included Components	1PC Instruction Manual, 3PCS Hexagonal Wrenches, 400PCS 14GA T Nails 1-1/2", Pneumatic Concrete T Nail Gun
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SPECIFICATIONS
of ST64L Concrete T Nailer

100 PCS
Capacity

90 - 115 PSI
Operating Pressure

6.74 LBS
Weight

14 Gauge
Wire Gauge

Compatible with 14 Gauge 3/4" - 2-1/2" Concrete T Nails

Figure 2: Key specifications and dimensions of the ST64L.

5. SETUP

5.1 Nail Compatibility

The meite ST64L is designed to work with 14 gauge concrete T-nails. Ensure the nails are glue-collated and within the length range of 3/4" to 2-1/2" (18-64 mm).

Compatible with 14 Gauge Concrete T Nails



Figure 3: Compatible 14 gauge concrete T nails and their size range.

5.2 Loading Nails

1. **Disconnect Air Supply:** Before loading, always disconnect the nail gun from the air compressor.
2. **Open Magazine:** Locate the magazine release latch and open the magazine. The smooth side-latch design allows for quick opening.
3. **Insert Nails:** Place a strip of compatible 14 GA T-nails into the magazine with the nail points facing forward.
4. **Close Magazine:** Push the magazine closed until it latches securely.

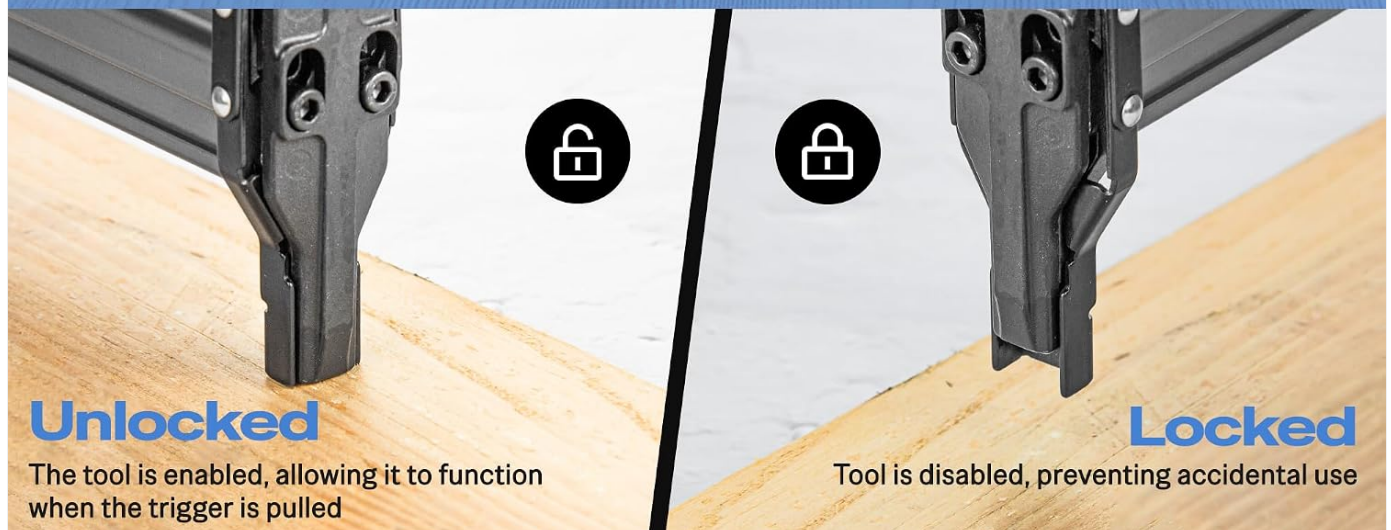


Easy Loading Magazine

with tail release latch designed for easy & quick opening

Safety Switch Lock

Prevent accidental firing with lock feature, ensuring job site safety



Unlocked

The tool is enabled, allowing it to function when the trigger is pulled

Locked

Tool is disabled, preventing accidental use

Figure 4: Steps for loading nails into the tool's magazine.

5.3 Connecting to Air Compressor

1. Ensure the air compressor is off and its tank is drained.
2. Connect the air hose to the air inlet on the nail gun.
3. Set the air compressor pressure regulator to the desired operating pressure (85-120 PSI).
4. Turn on the air compressor.

6. OPERATING INSTRUCTIONS

6.1 General Operation

1. With the air supply connected and nails loaded, position the muzzle of the nail gun firmly against the workpiece. The safety switch lock will disengage when pressed against the surface.
2. Squeeze the trigger to drive a nail.

3. Release the trigger and lift the tool from the workpiece.

6.2 Extended Muzzle Feature

The ST64L features a 4-inch slim extended muzzle, allowing access to tight spaces and deeper installations that standard nail guns cannot reach. This is particularly useful for tasks like cable raceway installation or furring strip installation in confined areas.



Figure 5: The extended muzzle design facilitates nailing in deep or narrow areas.

6.3 Safety Switch Lock

The integrated safety switch lock mechanism prevents accidental firing. The tool will only operate when the muzzle is pressed firmly against the work surface, enabling the trigger. When not pressed against a surface, the tool is disabled, enhancing user safety.

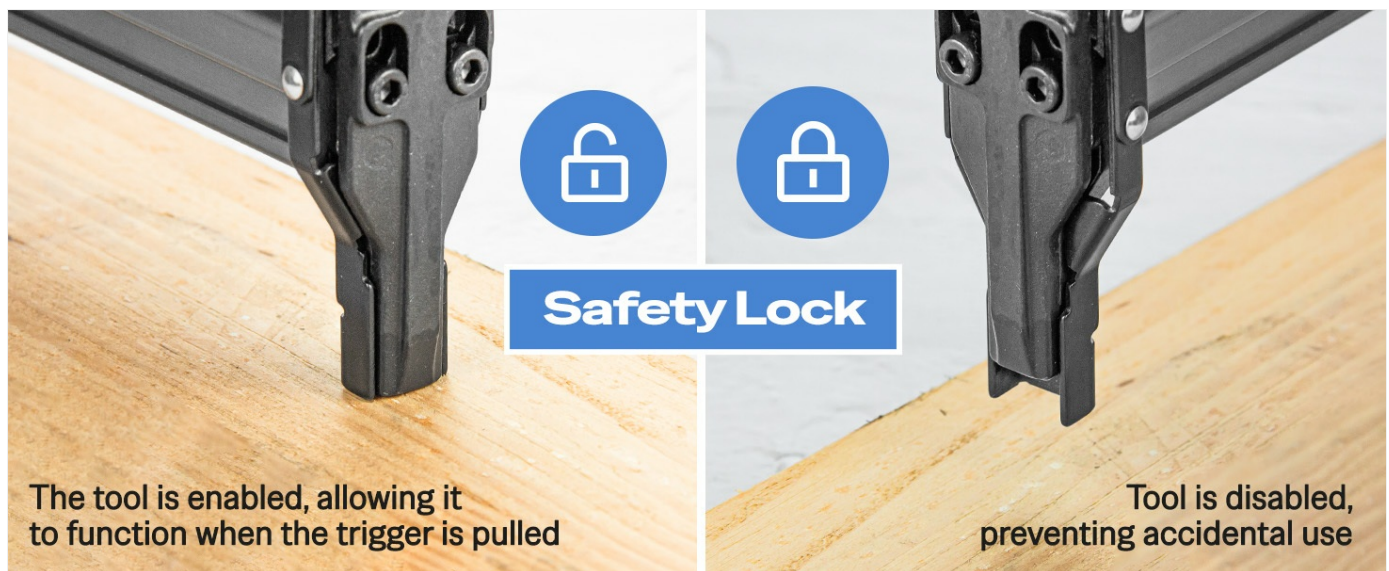


Figure 6: The safety switch lock mechanism in locked and unlocked positions.

6.4 Visual Nail Window

The magazine features a transparent pusher and a visual window, allowing you to easily monitor the remaining nail supply and prevent dry firing.

6.5 Operational Video

Your browser does not support the video tag.

Video 1: Demonstration of the ST64L Concrete Nailer, highlighting the safety switch and visual nail window features.

7. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your nail gun.

- **Disconnect Air Supply:** Always disconnect the air supply before performing any maintenance.
- **Lubrication:** Apply a few drops of pneumatic tool oil into the air inlet before each use or after extended periods of non-use.
- **Cleaning:** Keep the tool clean and free of debris. Wipe down the exterior with a clean cloth. Periodically clean the magazine and muzzle area to prevent nail jams.
- **Inspect for Wear:** Regularly check for worn or damaged parts, especially the firing pin and seals. Replace any damaged components immediately.
- **Storage:** Store the nail gun in a dry, secure location away from moisture and extreme temperatures.

8. TROUBLESHOOTING

This section addresses common issues you might encounter with your meite ST64L Concrete Nail Gun.

Problem	Possible Cause	Solution
Nail gun does not fire	Air supply disconnected; Low air pressure; Safety switch not engaged; No nails in magazine; Jammed nail.	Connect air supply; Adjust air pressure to 85-120 PSI; Press muzzle firmly against workpiece; Load nails; Clear any jammed nails (disconnect air first).

Nails do not drive fully	Low air pressure; Incorrect nail length for material; Worn driver blade.	Increase air pressure; Ensure nail length is appropriate for material thickness and density; Inspect and replace driver blade if worn.
Nail jams frequently	Incorrect nail type/size; Damaged nails; Dirty magazine; Worn driver blade.	Use correct 14 GA T-nails; Inspect nails for damage before loading; Clean magazine; Inspect and replace driver blade if worn.
Air leaks	Loose fittings; Damaged O-rings or seals.	Tighten all air fittings; Inspect and replace damaged O-rings or seals.

9. APPLICATIONS

The meite ST64L Concrete Nail Gun is suitable for various wood-to-concrete fastening applications, including but not limited to:

- Furring strips installation
- Siding installation
- Wireway installation
- Metal furring installation
- Decking
- Fencing
- Subflooring

meite[®] VARIOUS APPLICATIONS

Furring Strips Installation



Siding Installation



Wireway Installation



Metal Furring Installation



Figure 7: Examples of common applications for the ST64L Concrete Nail Gun.

10. WARRANTY AND SUPPORT

For warranty information or technical support, please contact meite USA, the seller of this product. Refer to your purchase documentation for specific contact details. Keep your proof of purchase for any warranty claims.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question