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TACWISE A8016LN

Tacwise A8016LN Pneumatic Upholstery Stapler

Model: A8016LN

1. INTRODUCTION

The Tacwise A8016LN is a professional-grade pneumatic upholstery stapler designed for precision and efficiency in various upholstery and general stapling tasks. This tool features an extra-long nose for accessing confined spaces and utilizes Type 80 staples ranging from 4mm to 16mm in length. Its lightweight design and ergonomic features ensure comfortable and controlled operation.



Figure 1: The Tacwise A8016LN pneumatic stapler in an upholstery application.

2. SAFETY INFORMATION

Always prioritize safety when operating pneumatic tools. Failure to follow safety guidelines can result in serious injury.

- **Read the Manual:** Before operation, thoroughly read and understand all instructions and warnings in this manual.
- **Personal Protective Equipment (PPE):** Always wear safety glasses or goggles to protect against flying debris. Hearing protection is recommended.
- **Air Supply:** Ensure the air compressor is set to the recommended operating pressure (4.1 to 6.9 bar / 60-100 psi). Never exceed the maximum pressure rating of the tool.
- **Disconnect Air:** Always disconnect the air supply before loading staples, performing maintenance, clearing jams, or when the tool is not in use.
- **Tool Inspection:** Before each use, inspect the tool for any damage, loose parts, or air leaks. Do not use a damaged tool.
- **Work Area:** Keep the work area clean, well-lit, and free from obstructions. Keep bystanders, especially children, away from the operating area.
- **Proper Grip:** Maintain a firm grip on the tool and be aware of its balance.
- **Avoid Accidental Firing:** Never point the tool at yourself or others. Keep fingers away from the trigger when not stapling.
- **Use Correct Fasteners:** Only use Type 80 staples with lengths between 4mm and 16mm.

3. PRODUCT OVERVIEW AND COMPONENTS

The Tacwise A8016LN is engineered for user comfort and efficient performance. Familiarize yourself with the key components of the stapler.



Figure 2: Key features of the A8016LN stapler.

- **Exhaust System:** Located at the top, designed for efficient air release.
- **Single Sequential Trigger:** Ensures precise and controlled stapling.

- **Extra-Long Thin Nose:** Allows access to tight and intricate spaces for accurate staple placement.
- **Large Capacity Magazine:** Holds up to 150 Type 80 staples.
- **Quick-Release Loading System:** Facilitates fast and easy staple reloading.
- **Rubberized Grip:** Provides enhanced safety and comfort during extended use.
- **Air Inlet:** Connection point for the air hose from the compressor.

4. SETUP

4.1 Connecting to Air Compressor

1. Ensure your air compressor is turned off and depressurized.
2. Connect a suitable air hose (not included) to the tool's air inlet. Ensure the connection is secure to prevent air leaks.
3. Set the air compressor's regulator to the recommended operating pressure of 4.1 to 6.9 bar (60-100 psi).
4. Turn on the air compressor and allow it to reach the set pressure.

4.2 Loading Staples

Always disconnect the air supply before loading staples.

1. Disconnect the air hose from the stapler.
2. Locate the quick-release loading system at the bottom of the magazine.
3. Pull the magazine follower back until it locks into place.
4. Insert a strip of Type 80 staples (4-16mm) into the magazine with the staple points facing down.
5. Release the magazine follower, allowing it to push the staples forward. Ensure staples are seated correctly.
6. Reconnect the air hose. The tool is now ready for operation.



Figure 3: Loading staples into the magazine.

5. OPERATING INSTRUCTIONS

The A8016LN operates with a sequential firing mode for precise staple placement.

1. Ensure the air supply is connected and the pressure is within the recommended range.
2. Position the nose of the stapler firmly against the workpiece where the staple is to be driven.
3. Press the trigger to fire a staple. The sequential firing mechanism requires the nose to be depressed against the surface before the trigger can be pulled.
4. After each staple, lift the tool from the workpiece and reposition for the next staple.
5. Always maintain a firm grip and control of the tool during operation.



Figure 4: Stapling fabric to a wooden frame.



Figure 5: Applying staples to a chair during upholstery.

6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your stapler.

- **Daily Lubrication:** Apply a few drops of pneumatic tool oil (included) into the air inlet before each use. This lubricates internal components.
- **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.
- **Air Filter:** Periodically check and clean the air filter on your compressor to ensure a clean air supply to the tool.
- **Storage:** When not in use, disconnect the air supply and store the tool in its carrying case in a dry, secure location, away from children.
- **Fastener Compatibility:** Always use Tacwise Type 80 staples for best results and to prevent tool damage.



Figure 6: Use of correct Type 80 staples is essential for proper function.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your pneumatic stapler.

Problem	Possible Cause	Solution
Stapler does not fire	No air supply; Low air pressure; Empty magazine; Trigger safety engaged; Tool malfunction.	Check air hose connection; Adjust compressor pressure; Reload staples; Ensure nose is depressed against workpiece; Contact support.
Staples jam frequently	Incorrect staple size/type; Damaged staples; Dirty magazine; Worn driver blade.	Use correct Tacwise Type 80 staples; Replace damaged staples; Clean magazine; Contact support for blade replacement.
Air leaks from tool	Loose air fitting; Damaged O-rings/seals; Internal component damage.	Tighten air fittings; Contact support for seal replacement or repair.

Problem	Possible Cause	Solution
Staples not driven flush	Low air pressure; Incorrect staple length for material; Worn driver blade.	Increase air pressure (within limits); Use shorter staples or adjust depth if applicable; Contact support for blade replacement.

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

8. SPECIFICATIONS

Technical details for the Tacwise A8016LN Pneumatic Upholstery Stapler:

- **Model Number:** A8016LN
- **Staple Type:** Type 80
- **Staple Length:** 4-16 mm
- **Magazine Capacity:** 150 staples
- **Operating Pressure:** 4.1 - 6.9 bar (60-100 psi)
- **Weight:** 1.1 kg
- **Dimensions (L x W x H):** Approximately 28 x 7 x 26.5 cm
- **Material:** Magnesium
- **Firing Mode:** Sequential (Single)
- **Vibration Emission:** 1.6 m/s²



Figure 7: Dimensions of the A8016LN stapler.

9. WARRANTY AND SUPPORT

For warranty information, technical support, or to purchase replacement parts, please refer to the official Tacwise website or contact their customer service department. Keep your proof of purchase for warranty claims.

Contact Information: Please visit the [Tacwise Brand Store](#) for further assistance and product information.