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> CVXDD WSQ-01 Pneumatic Nail Gun User Manual

CVXDD WSQ-01

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Model: WSQ-01

1. INTRODUCTION

Thank you for choosing the CVXDD WSQ-01 Pneumatic Nail Gun. This rechargeable lithium battery-powered tool is designed for efficient nailing in various applications, including woodworking and steel fastening. This manual provides essential information for safe operation, setup, maintenance, and troubleshooting to ensure optimal performance and longevity of your tool. Please read this manual thoroughly before initial use and retain it for future reference.



Figure 1: CVXDD WSQ-01 Pneumatic Nail Gun (Green/Black Model)

This image displays the main unit of the CVXDD WSQ-01 Pneumatic Nail Gun, featuring a green top housing and a black handle and lower body. The nail magazine is visible on the left side.

2. SAFETY INFORMATION

Always observe basic safety precautions to reduce the risk of fire, electric shock, and personal injury. Failure to follow these instructions may result in serious injury or property damage.

- **Read All Instructions:** Familiarize yourself with the tool's operation and safety warnings before use.
- **Wear Personal Protective Equipment (PPE):** Always wear safety goggles to protect your eyes from flying debris. Hearing protection is also recommended.
- **Keep Work Area Clear:** Ensure your work area is well-lit and free from clutter. Distractions can lead to accidents.
- **Secure Workpiece:** Always secure the material you are working on to prevent movement during nailing.
- **Avoid Accidental Firing:** Keep your fingers away from the trigger when not actively nailing. Never point the tool at yourself or others.
- **Disconnect Power:** Always remove the battery and gas cartridge before performing any adjustments, changing nails, or servicing the tool.

- **Use Correct Nails:** Only use nails specified for this tool (15-40mm draft nails). Using incorrect nails can cause jams or damage.
- **Store Safely:** Store the tool in a dry, secure place, out of reach of children and unauthorized users.
- **Maintain Tool:** Regularly inspect the tool for damage. Do not operate a damaged tool.

3. PACKAGE CONTENTS

Carefully unpack your CVXDD WSQ-01 Pneumatic Nail Gun and check for the following items. If any items are missing or damaged, please contact your retailer.



Figure 2: Package Contents Overview

This image illustrates the nail gun along with its standard accessories, including a carrying handbag, two lithium batteries, a battery charger, an adjustment ring, safety goggles, and a selection of muzzle attachments (nail gun mouth, seat card muzzle, elevator muzzle, pipe clamp muzzle, riding card muzzle, magnet muzzle).

- CVXDD WSQ-01 Pneumatic Nail Gun Unit
- Lithium Battery (x2)

- Battery Charger
- Safety Goggles
- Adjustment Ring
- Carrying Handbag
- Various Muzzle Attachments (e.g., Nail Gun Mouth, Seat Card Muzzle, Elevator Muzzle, Pipe Clamp Muzzle, Riding Card Muzzle, Magnet Muzzle)
- Hex Wrenches / Kits (as shown in image)
- User Manual (this document)

4. PRODUCT OVERVIEW AND COMPONENTS

Familiarize yourself with the main parts of your nail gun before operation.



Figure 3: Angled View of Nail Gun

This image provides an angled view of the green and black nail gun, showing the battery compartment at the base of the handle and the trigger mechanism.

1. **Muzzle/Nail Exit:** Where the nail exits the tool. Different attachments can be used here.
2. **Nail Magazine:** Holds the strip of nails.
3. **Trigger:** Activates the nailing mechanism.

4. **Handle/Grip:** Ergonomic area for holding the tool.
5. **Battery Compartment:** Houses the rechargeable lithium battery.
6. **Gas Cartridge Slot:** Location for inserting the gas cartridge.
7. **Power Adjustment Dial:** (For Multifunctional and Upgraded models) Allows adjustment of nailing power.

5. SPECIFICATIONS

The CVXDD WSQ-01 Pneumatic Nail Gun is available in different configurations. Please refer to the specific model you have for exact specifications.

Feature	Single Use Gas Nail Gun	Multifunctional Gas Nail Gun	Upgraded Multifunctional Gas Nail Gun
Model No.	WSQ-01	WSQ-01	WSQ-01
Material	Aluminium alloy cylinder block		
Nail Type	Gas nails only	Gas nails and pipe clamps	Gas nails and pipe clamps
Power	90J (not adjustable)	90J (adjustable)	110J (adjustable)
Muzzle Thickness	18 mm (not replaceable)	11 mm (replaceable)	11 mm (replaceable)
Max Steel Plate Thickness	5 mm	5 mm	6 mm
Grip	Hard cover plastic	Hard plastic	Frosted non-slip
Maintenance Interval	8,000 nails	10,000 nails	20,000 nails
Battery Capacity	Approx. 2000 nails per full charge		
Gas Cartridge Capacity	Approx. 1000 nails per cartridge (gas not included)		
Compatible Nail Lengths	15-40mm draft nails (concrete up to 2cm)		
Item Weight	Approx. 7.72 pounds (3.5 kg)		
Dimensions (Approx.)	35cm (length) x 34cm (height)		



Figure 4: Approximate Product Dimensions

This image shows a blue and black variant of the nail gun with arrows indicating its approximate length (35cm) and height (34cm).

6. SETUP

6.1. Charging the Battery

1. Connect the battery charger to a standard power outlet.
2. Insert the lithium battery into the charger. Ensure it is seated correctly.
3. Allow the battery to charge fully. The charger typically has an indicator light that changes color or turns off when charging is complete.
4. Disconnect the charger from the power outlet and remove the battery once fully charged.

6.2. Installing the Battery and Gas Cartridge

1. Ensure the nail gun is turned off and the trigger is not engaged.
2. Insert the fully charged lithium battery into the battery compartment at the base of the handle until it clicks into place.
3. Locate the gas cartridge slot. Insert a new gas cartridge according to the directional arrows or markings on the tool. Ensure it is securely seated. *Note: Gas cartridges are not included with the product and must be purchased separately.*

6.3. Loading Nails

1. Ensure the battery and gas cartridge are removed for safety.
2. Pull back the nail pusher mechanism at the rear of the nail magazine.
3. Insert a strip of compatible 15-40mm draft nails into the magazine, ensuring the nail heads are correctly oriented.
4. Release the nail pusher, allowing it to push the nails forward into the firing position.



Figure 5: Nail Magazine Detail

This close-up image focuses on the nail magazine, illustrating how nails are loaded into the tool. A warning label with Chinese characters is visible on the side.

6.4. Attaching Muzzle

For models with replaceable muzzles (Multifunctional and Upgraded versions), select the appropriate muzzle attachment for your task and secure it to the front of the tool. Ensure it is firmly attached before use.

7. OPERATING INSTRUCTIONS

7.1. Power Adjustment (Multifunctional and Upgraded Models)

If your model features adjustable power, locate the power adjustment dial. Rotate the dial to increase or decrease the nailing force as required for your material. Test on a scrap piece of material first to find the optimal setting.

7.2. Nailing Procedure

1. Ensure all safety precautions are followed, including wearing safety goggles.

2. Hold the nail gun firmly with both hands, if possible, or with a secure grip.
3. Place the muzzle of the nail gun squarely against the workpiece where you intend to drive a nail.
4. Apply firm, consistent pressure to the tool against the surface.
5. Squeeze the trigger to fire a nail. The tool is designed for continuous draft nailing.
6. Release the trigger after each nail or to pause operation.
7. Always lift the tool straight up from the workpiece after firing to avoid bending nails or damaging the surface.

7.3. Important Operating Notes

- Do not force the tool. Let the tool do the work.
- Avoid rapid, uncontrolled firing, which can lead to jams or overheating.
- If the tool jams, refer to the Troubleshooting section before attempting to clear it. Always disconnect power (remove battery and gas) before clearing jams.
- The tool is suitable for driving nails into concrete up to 2cm deep.

8. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your CVXDD WSQ-01 Pneumatic Nail Gun. Always ensure the battery and gas cartridge are removed before performing any maintenance.

8.1. Cleaning

- Wipe down the exterior of the tool with a clean, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- Periodically clean the nail magazine to remove any dust or debris that could cause jams.
- Inspect the muzzle area for any build-up and clean as necessary.

8.2. Lubrication and Servicing

- The internal mechanisms of the nail gun require periodic lubrication. Refer to the specifications for recommended service intervals (e.g., 8,000, 10,000, or 20,000 nails depending on model).
- For internal servicing and lubrication, it is recommended to consult a qualified service technician or refer to specific service instructions if provided.
- Do not attempt to disassemble the main internal components unless you are a trained professional.

8.3. Battery Care

- Store batteries in a cool, dry place away from direct sunlight and extreme temperatures.
- Do not allow batteries to fully discharge for extended periods. Recharge them periodically if not in use.
- Dispose of old or damaged batteries according to local regulations.

9. TROUBLESHOOTING

Before contacting customer support, review the following common issues and solutions.

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Nail gun does not fire	<ul style="list-style-type: none"> ◦ Battery not charged or installed ◦ Gas cartridge empty or not installed ◦ Nail magazine empty ◦ Tool not pressed firmly against workpiece 	<ul style="list-style-type: none"> ◦ Charge and install battery ◦ Replace or install gas cartridge ◦ Load nails ◦ Apply firm pressure to the tool
Nails jam frequently	<ul style="list-style-type: none"> ◦ Incorrect nail size or type ◦ Damaged nails ◦ Debris in magazine or muzzle ◦ Low power setting (if adjustable) 	<ul style="list-style-type: none"> ◦ Use recommended nails ◦ Inspect and replace damaged nails ◦ Clean magazine and muzzle (with power disconnected) ◦ Increase power setting
Nails not driven flush	<ul style="list-style-type: none"> ◦ Low power setting ◦ Worn muzzle or driver blade ◦ Hard material 	<ul style="list-style-type: none"> ◦ Increase power setting ◦ Inspect and replace worn parts (professional service recommended) ◦ Ensure tool is suitable for material
Tool feels sluggish or weak	<ul style="list-style-type: none"> ◦ Low battery charge ◦ Low gas cartridge level ◦ Requires maintenance/lubrication 	<ul style="list-style-type: none"> ◦ Recharge battery ◦ Replace gas cartridge ◦ Perform scheduled maintenance or seek professional service

10. WARRANTY AND SUPPORT

Specific warranty information for the CVXDD WSQ-01 Pneumatic Nail Gun is not provided in this manual. Please refer to the product packaging, your purchase receipt, or contact your retailer or the manufacturer directly for details regarding warranty coverage and customer support.

For technical assistance or spare parts, please contact CVXDD customer service through their official website or the contact information provided at the point of purchase.