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NEU MASTER NTC0120-US

NEU MASTER Cordless Staple Gun & Brad Nailer

Model: NTC0120-US

1. Introduction

The NEU MASTER Cordless Staple Gun and Brad Nailer is a versatile 2-in-1 tool designed for various fastening tasks, including upholstery, material repair, and carpentry. This 4V power tool operates on a built-in battery, eliminating the need for compressors, hoses, or gas cartridges, offering portability and ease of use.



Figure 1.1: The NEU MASTER Cordless Staple Gun and Brad Nailer, shown with included staples, nails, and USB charging cable.



Figure 1.2: The cordless design of the tool eliminates the need for an air compressor, enhancing portability.

2. Safety Instructions

Always read and understand all safety instructions before operating the tool. Failure to follow these instructions may result in electric shock, fire, and/or serious injury.

- Wear appropriate personal protective equipment, including safety glasses, when operating the tool.
- Keep hands and body parts clear of the fastening area.
- Ensure the tool is turned off and disconnected from power before performing any adjustments, maintenance, or when loading/unloading fasteners.
- Do not operate the tool in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust.
- The tool is designed with a triple lock mechanism for safety: an on/off power switch, contact safety, and a trigger. The tool will only fire when the contact safety is pressed against the working surface, preventing unintended firing.



Figure 2.1: Power switch location.



Figure 2.2: Depressing the contact safety.



Figure 2.3: Squeezing the trigger.



Figure 2.4: Visual representation of the triple safety mechanism.

3. Package Contents

Verify that all items are present upon opening the package:

- NEU MASTER Cordless Staple Gun / Brad Nailer
- USB Charger Cable
- 3000 pcs Staples (Type 53 / JT21, 6-14mm length)
- 500 pcs Brad Nails (18 Gauge, 8-15mm length)
- User Manual (this document)

4. Setup

4.1 Charging the Battery

The tool is powered by a built-in 4V Lithium-Ion battery. Before first use, fully charge the battery. A full charge provides approximately 1000 shots.

1. Locate the USB charging port on the tool.
2. Connect the provided USB charger cable to the tool's charging port.
3. Connect the other end of the USB cable to a compatible USB power source (e.g., cellphone USB plug, computer USB port, USB wall adapter).
4. The charging indicator light will illuminate during charging and change color or turn off when fully charged (refer to tool's specific indicator behavior).



Figure 4.1: Connecting the USB charging cable to the tool.

5. Operating Instructions

5.1 Loading Staples and Nails

The tool features an easy-access bottom-load magazine for quick and convenient reloading. Ensure the tool is OFF before loading fasteners.

1. **Squeeze the cartridge latch:** Locate the latch at the bottom rear of the tool and squeeze it to release the magazine.
2. **Slide channel out:** Pull the channel completely out of the cartridge.

3. **Load fasteners:** Insert staples or nails into the channel. Ensure staples are loaded with their points facing up, and nails are loaded correctly according to their shape. Do not overload the magazine.
4. **Slide channel in:** Push the channel back into the tool until the latch clicks and locks securely.



Figure 5.1: Detailed steps for loading staples and nails.

5.2 Firing the Tool

Once fasteners are loaded and the battery is charged:

1. Turn the power switch to the "ON" position.
2. Place the nose of the tool firmly against the workpiece, ensuring the contact safety mechanism is fully depressed.
3. Squeeze the trigger to fire a fastener.
4. Release the trigger and lift the tool from the workpiece. The tool has a rated firing speed of 30 pieces per minute.



Figure 5.2: Proper technique for using the staple gun on a workpiece.



Figure 5.3: The tool is capable of driving up to 1000 shots on a single full charge.

5.3 Applications

This cordless staple gun is suitable for a wide range of applications, including but not limited to:

- Upholstery projects
- Attaching insulation or fabric
- Light carpentry and craft work
- Repairing materials like cardboard, foils, and leather



Figure 5.4: Examples of common uses for the NEU MASTER staple gun.

5.4 Product in Action

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Video 5.1: Demonstration of the NEU MASTER Cordless Staple Gun in use, showing its ease of operation for fastening materials.

6. Maintenance

Regular maintenance ensures optimal performance and extends the tool's lifespan.

- **Cleaning:** Periodically clean the tool's exterior with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- **Magazine Inspection:** Regularly check the magazine for any debris or bent fasteners that could cause jamming. Clear any obstructions.
- **Storage:** Store the tool in a dry, cool place, away from direct sunlight and moisture. Ensure the battery is partially charged (not fully depleted or fully charged for long-term storage).
- **Battery Care:** Avoid fully discharging the battery frequently. Recharge the battery when its performance noticeably decreases.

7. Troubleshooting

If you encounter issues with your NEU MASTER staple gun, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Tool does not fire.	◦ Power switch is OFF. ◦ Battery is depleted. ◦ Contact safety not fully depressed. ◦ Magazine is empty.	◦ Turn power switch ON. ◦ Recharge the battery. ◦ Ensure tool nose is pressed firmly against workpiece. ◦ Load staples/nails into the magazine.
Fasteners jam frequently.	◦ Incorrect fastener size/type. ◦ Bent or damaged fasteners. ◦ Magazine overloaded or improperly loaded. ◦ Debris in the magazine or firing mechanism. ◦ Workpiece material is too hard.	◦ Use only recommended fastener sizes (Type 53 / JT21 staples, 18 Gauge brad nails). ◦ Inspect fasteners before loading; discard bent ones. ◦ Ensure fasteners are loaded correctly and not overloaded. ◦ Clear any debris from the magazine and firing area. ◦ For very hard materials, pre-drilling pilot holes may be necessary, or the tool may not be suitable.
Battery not charging.	◦ Faulty USB cable or power source. ◦ Charging port obstruction.	◦ Try a different USB cable and/or power source. ◦ Check the charging port for debris and clear if necessary. ◦ If the issue persists, contact customer support.

8. Specifications

Key technical specifications for the NEU MASTER Cordless Staple Gun:

- **Model:** NTC0120-US
- **Power Source:** 4V Lithium Ion Battery (included)
- **Item Weight:** 1.69 pounds
- **Package Dimensions:** 7.05 x 6.73 x 2.24 inches
- **Color:** Green/Black
- **Material Type:** Plastic
- **Magazine Capacity:** 50 fasteners
- **Suitable Brad Nails:** 8-15mm (5/16″- 5/8″) length, 18 Gauge
- **Suitable Staples:** 6-14mm (1/4″-5/8″) length, Type 53 / JT21
- **Shots per Full Charge:** Approximately 1000 shots
- **Rated Firing Speed:** 30 pieces/min

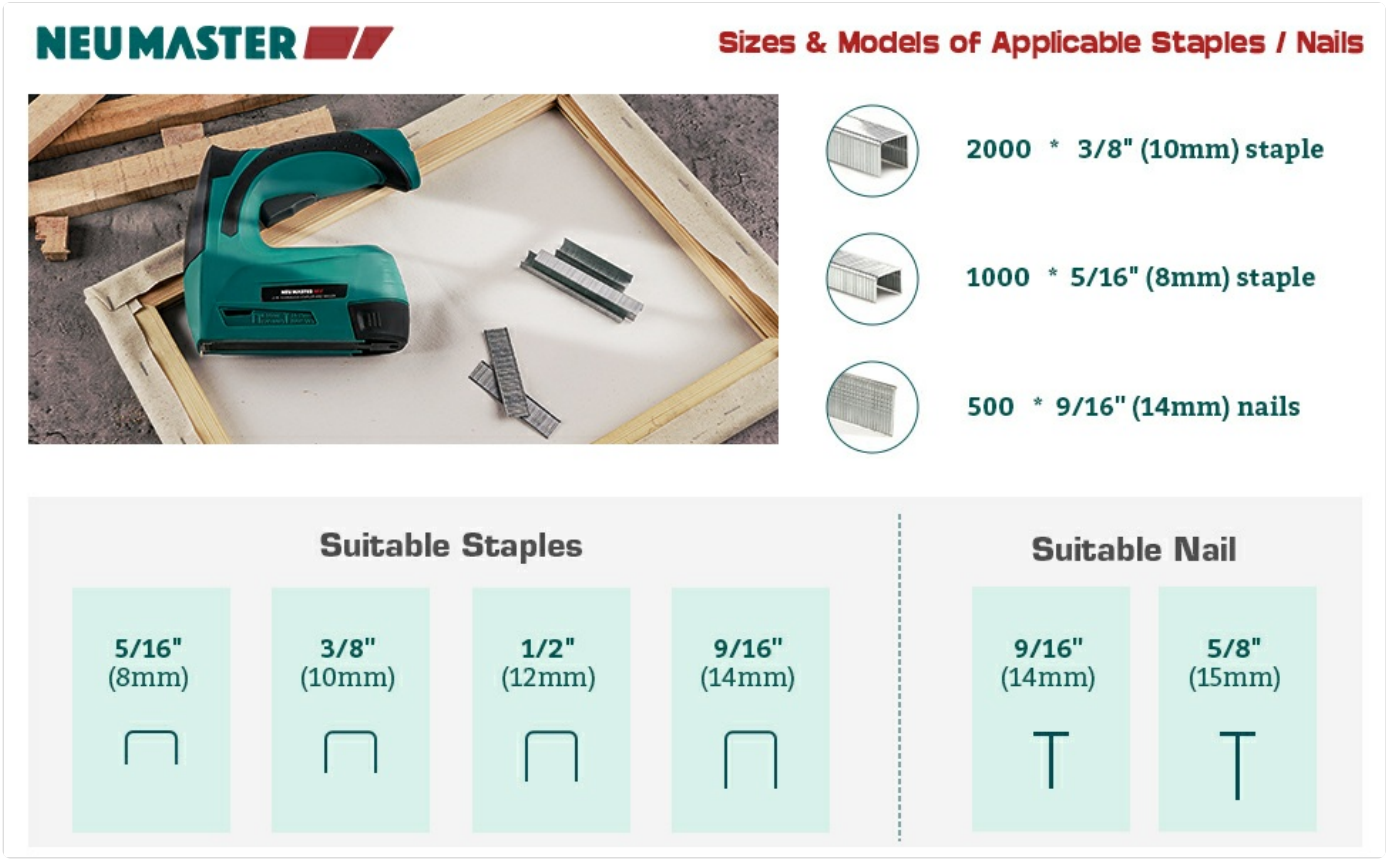


Figure 8.1: Visual guide to compatible staple and nail sizes.

9. Warranty and Support

NEU MASTER is committed to product quality and customer satisfaction. While specific warranty details are not provided in this manual, please retain your proof of purchase. For any product inquiries, technical support, or warranty claims, please contact NEU MASTER customer service through the retailer's platform or the official brand website.
The manufacturer, NEU MASTER, can be contacted for assistance with product issues.

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