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› Freeman PE20V2118G Cordless 2-in-1 18-Gauge Nailer and Stapler User Manual

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Model: PE20V2118G

1. INTRODUCTION AND OVERVIEW

The Freeman PE20V2118G is a versatile Cordless 20 Volt 2-in-1 18-Gauge Nailer and Stapler designed for various finish work applications. This tool is ideal for tasks such as installing moulding and trim, insulation, plastic sheeting, cabinetry, paneling, and for use in hobbies and crafts. Its cordless electric design offers high power technology and fast firing speeds, eliminating the need for a loud and heavy air compressor.

This tool is compatible with 18 gauge brad nails ranging from 3/4" to 2" in length, and 18 gauge 1/4" narrow crown staples from 3/4" to 1-5/8".



2. SAFETY INFORMATION

Always read and understand all safety warnings, instructions, illustrations, and specifications provided with this power tool. Failure to follow all instructions listed below may result in electric shock, fire, and/or serious injury.

- Always wear appropriate eye protection (safety glasses) and hearing protection when operating the tool.
- Keep work area clean and well lit. Cluttered or dark areas invite accidents.
- Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust.
- Keep children and bystanders away while operating a power tool. Distractions can cause you to lose control.
- Stay alert, watch what you are doing and use common sense when operating a power tool.
- **Proposition 65 Warning:** This product may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

3. PACKAGE CONTENTS

The Freeman PE20V2118G kit includes everything necessary to begin operation:

- Cordless 20 Volt 2-in-1 18-Gauge 2" Nailer and Stapler
- Two (2) 20V 2.0Ah Lithium-Ion Batteries
- Rapid Charger
- Blow Molded Storage Case
- 18 GA 1-1/2" Brad Nails (500 pcs)
- 18 GA 1-1/4" Narrow Crown Staples (500 pcs)
- Adjustment Tool



Figure 3.1: The complete kit, including the nailer/stapler, two batteries, and the rapid charger.

4. PRODUCT FEATURES

Key features of the Freeman PE20V2118G include:

- **Versatile Application:** Ideal for decorative trim, moulding, cabinetry, paneling, upholstery, insulation, plastic sheeting, window casing, furniture trim, picture frame assembly, and hobbies and crafts.
- **Fastener Compatibility:** Compatible with 18 gauge brad nails from 3/4" to 2", and 18 gauge 1/4" narrow crown staples from 3/4" to 1-5/8".
- **High Firing Speed:** High power technology provides fast firing speeds up to 30 nails/staples per minute.
- **Dual Firing Modes:** Features a select fire switch for fast and easy switching between bump and single firing mode.
- **Long-lasting Batteries:** Two high capacity 20V 2.0Ah lithium-ion batteries produce enhanced battery life.
- **Rapid Charging:** Quick charger fully charges batteries in approximately 45 minutes for less downtime.
- **Easy Jam Clearing:** Easy access nose for clearing jams in the event of a jammed fastener.
- **Tool-Free Depth Adjustment:** Tool-free depth adjustment wheel for various applications.
- **LED Indicators:** LED light indicator warns of nail jams, low battery, and an empty magazine.
- **Ergonomic Design:** Ergonomic handle for comfortable use and increased control.



Figure 4.2: Detailed view of the control panel, showing the firing mode switch and LED status indicators.

5. SETUP

5.1 Charging the Battery

Before first use, fully charge the lithium-ion battery using the provided rapid charger. The charger has LED indicators to show charging status (Green LED for charged, Red LED for charging).



Figure 5.1: The rapid charger for the 20V lithium-ion batteries.

5.2 Installing the Battery

Once charged, slide the battery pack into the base of the tool until it clicks securely into place. Ensure it is fully seated to ensure proper power connection.



Figure 5.2: Two 20V 2.0Ah Lithium-Ion batteries, ready for installation.

5.3 Loading Fasteners

The tool features a 2-in-1 bottom-loading magazine. To load fasteners:

1. Pull the magazine follower back until it locks into place.
2. For brad nails, insert the nail strip into the bottom channel of the magazine.
3. For narrow crown staples, insert the staple strip into the top channel of the magazine.
4. Gently release the magazine follower, ensuring it pushes the fasteners forward.

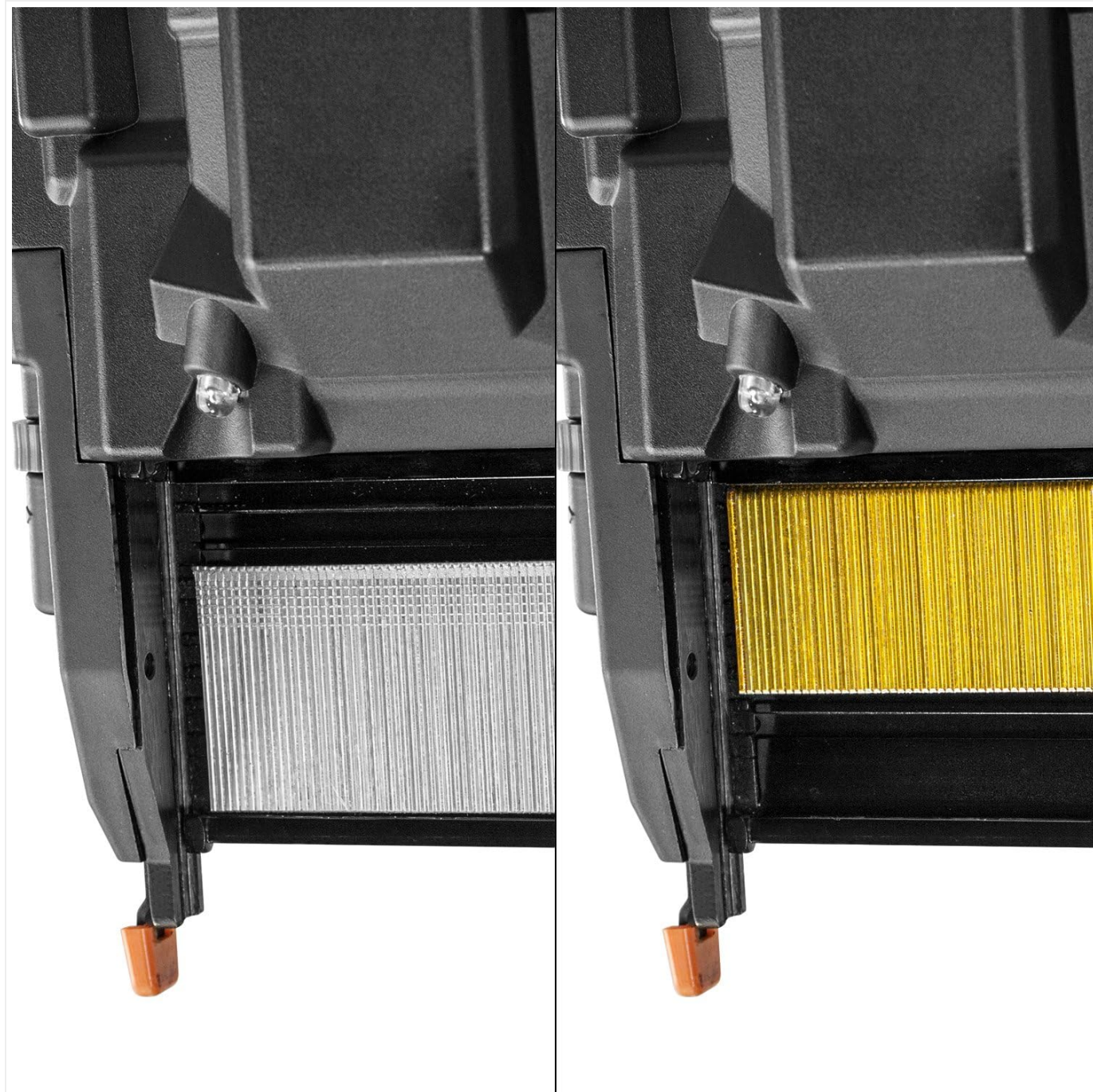


Figure 5.3: The magazine loaded with both brad nails (left) and narrow crown staples (right).

5.4 Adjusting Depth

The depth of the fasteners can be adjusted without tools by turning the wheel located above the drive blade. Turn clockwise to increase depth (drive fasteners deeper) and counter-clockwise to decrease depth (drive fasteners shallower).



Figure 5.4: The tool-free depth adjustment wheel located near the nose of the tool.

5.5 Selecting Firing Mode

Use the select fire switch on the side panel to toggle between sequential single firing for precision or contact bump firing for speed. Refer to the markings on the tool for the correct switch position for each mode.

6. OPERATING INSTRUCTIONS

6.1 Single Firing Mode (Sequential)

In single firing mode, the tool fires one fastener each time the trigger is pulled after the contact trip is pressed against the workpiece. This mode is recommended for precise placement of fasteners.

1. Ensure the firing mode switch is set to "Single Firing".
2. Place the nose of the tool firmly against the workpiece.
3. Pull the trigger to drive a single fastener.
4. Lift the tool from the workpiece before pulling the trigger again for the next fastener.

6.2 Contact Firing Mode (Bump)

In contact firing mode, the tool fires a fastener each time the contact trip is pressed against the workpiece while the trigger is held down. This mode allows for faster application of multiple fasteners.

1. Ensure the firing mode switch is set to "Contact Firing".
2. Hold the trigger down.
3. Press the nose of the tool firmly against the workpiece to drive a fastener.
4. Lift and re-press the tool against the workpiece to drive subsequent fasteners.



Figure 6.1: The tool in operation, demonstrating proper handling during use.

7. MAINTENANCE

7.1 Clearing Jams

In the event of a fastener jam, the tool features an easy-access nose for clearing. Always disconnect the battery before attempting to clear any jams. Follow the instructions in the included quick start guide for detailed jam clearing procedures.

7.2 General Cleaning

Regularly clean the tool with a dry cloth to remove dust and debris. Do not use harsh chemicals or abrasive cleaners. Keep the magazine free of obstructions to ensure smooth fastener feeding.

7.3 Battery Care

Store batteries in a cool, dry place away from direct sunlight. Do not expose batteries to extreme temperatures. Fully charge batteries before long-term storage and recharge every 3-6 months to maintain battery health.

8. TROUBLESHOOTING

The tool is equipped with LED indicators to assist in troubleshooting common issues:

LED Indicator	Status	Possible Cause / Solution
Red Flashing	Tool Jammed	Disconnect battery, clear jam from nose.
Red Solid	Low Battery	Recharge battery.
Green Flashing	Overheat	Allow tool to cool down.
Green Solid	No Nails / Staples	Reload magazine with fasteners.

If issues persist after following these steps, please refer to the Warranty and Support section for further assistance.

9. SPECIFICATIONS

Attribute	Value
Model Number	PE20V2118G
Manufacturer	PGP
Item Weight	6.17 pounds
Product Dimensions	11.13 x 3.25 x 10.38 inches
Power Source	Battery Powered
Voltage	20 Volts
Battery Type	Lithium Ion (2 included)
Fastener Type	18 Gauge Brad Nails, 18 Gauge 1/4" Narrow Crown Staples
Nail Length Capacity	3/4" to 2"
Staple Length Capacity	3/4" to 1-5/8"
Operation Mode	Automatic (Selectable Single/Contact Firing)
Material	Plastic

10. WARRANTY AND SUPPORT

The Freeman PE20V2118G Cordless 2-in-1 18-Gauge Nailer and Stapler is covered by Freeman's 1 Year Professional Tool Warranty. For warranty claims, technical support, or to purchase replacement parts, please visit the official Freeman Tools website or contact their customer service department.

For more information, you may visit the [Freeman Store on Amazon](#).

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