

jovant HPJ00101

jovant 18GA Pneumatic Brad Nailer and Stapler Instruction Manual

Model: HPJ00101

[Introduction](#)

[Safety](#)

[Contents](#)

[Overview](#)

[Setup](#)

[Operation](#)

[Compatibility](#)

[Maintenance](#)

[Troubleshooting](#)

[Specifications](#)

1. INTRODUCTION

This manual provides essential instructions for the safe operation, setup, and maintenance of your jovant 18GA Pneumatic Brad Nailer and Stapler. Please read this manual thoroughly before using the tool to ensure proper function and to prevent injury.

2. SAFETY INSTRUCTIONS

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

- **Wear Eye Protection:** Always wear ANSI-approved safety glasses or goggles to protect against flying debris.
- **Wear Hearing Protection:** Prolonged exposure to noise from pneumatic tools can cause hearing damage.
- **Read the Manual:** Understand all operating procedures and safety warnings before use.
- **Disconnect Air Supply:** Always disconnect the air supply before making adjustments, clearing jams, or performing maintenance.
- **Keep Work Area Clear:** Ensure your work area is well-lit and free of clutter.
- **Proper Air Pressure:** Operate the tool within the recommended air pressure range (60-120 PSI) to prevent damage and ensure safe operation.
- **Secure Workpiece:** Always secure the material you are working on to prevent movement during fastening.
- **Avoid Accidental Firing:** The tool includes safety triggers and no-mar tips to prevent accidental discharge. Do not bypass these safety features.

3. PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- Pneumatic Brad Nailer Gun
- Brad Nails (initial supply)
- Carrying Case
- 6m Air Tube
- Safety Glasses



Image 3.1: The jovant 18GA Pneumatic Brad Nailer shown with its complete set of accessories, including safety glasses, a coiled air hose, and a green carrying bag.

4. PRODUCT OVERVIEW

The jovant 18GA Pneumatic Brad Nailer and Stapler is a versatile 2-in-1 tool designed for various fastening tasks. Its robust construction and efficient operation make it suitable for both DIY enthusiasts and professional contractors.

Key Features:

- **Versatility:** Accepts 18GA brad nails from 5/8 to 2 inches and 1/4-inch narrow crown staples from 5/8 to 1-5/8 inches.
- **Continuous Operation:** Cast aluminum body ensures lightweight durability and allows for extended use without pre-charging, unlike battery-powered alternatives.
- **Power and Efficiency:** Air compressor-driven for strong fastening power and fast burst speed, ideal for high-frequency applications.
- **Safety Features:** Equipped with safety triggers, no-mar tips, and reload indicators.
- **Adjustable Exhaust:** Rotatable exhaust port keeps the work environment clean and safe.
- **Ergonomic Design:** Features an ergonomic grip for comfortable handling during prolonged use.
- **Quick Release Mechanism:** Facilitates easy clearing of jams.

18GA 2-IN-1 AIR NAILER & STAPLER

18G BRAD NAILS
UP TO 2inch



FAST BURST SPEED



LONG SERVICE LIFE



NO DAMAGE TO
WOOD SURFACE



BRAD NAILS

1/16" (2mm)



3/4" ~ 2"
(20~50mm)

Image 4.1: Visual representation of the nailer's key performance features, including its ability to handle 18G brad nails up to 2 inches, fast burst speed, long service life, and design to prevent damage to wood surfaces.

SUITABLE FOR CONTINUOUS LONG-TERM AND HIGH-FREQUENCY USE



Image 4.2: An annotated diagram highlighting the ergonomic grip, rotatable exhaust, quick release mechanism, nail and staple magazine, and specifications like pressure range (60-120 PSI), capacity (100 nails), and weight (3.3 lbs).

5. SETUP

5.1 Connecting to Air Compressor

1. Ensure the air compressor is turned off and depressurized.
2. Connect the provided 6m air tube to the nailer's 1/4" quick connector.
3. Connect the other end of the air tube to your air compressor.
4. Set the air compressor pressure regulator to the recommended operating range of 60-120 PSI. Do not exceed 120 PSI.
5. Turn on the air compressor and allow it to build pressure.

6. OPERATING INSTRUCTIONS

6.1 Loading Nails or Staples

1. Disconnect the air supply from the tool.
2. Press down the magazine hook to release the nail disc slide cover.
3. Insert a strip of brad nails or staples into the magazine, ensuring the fasteners are oriented correctly.
4. Push the slider against the tacker head until it snaps and locks into place, securing the fasteners.



Image 6.1: A visual guide demonstrating the four steps to correctly load brad nails or staples into the tool's magazine.

6.2 Firing the Tool














1. Reconnect the air supply.
2. Place the tool's nose against the workpiece where you intend to fasten. Ensure the safety contact tip is fully depressed against the surface.
3. Squeeze the trigger to drive a fastener.
4. Release the trigger and lift the tool from the workpiece.

6.3 Adjusting Exhaust Direction

The exhaust port can be rotated 360 degrees to direct air away from your face or the workpiece, improving comfort and visibility.

7. NAIL AND STAPLE COMPATIBILITY

This tool is designed to work with specific sizes of 18GA brad nails and 1/4" narrow crown staples. Refer to the table below for compatible fastener dimensions.

| APPLICATION RANGE OF NAILS | |
|--|---|
| 25mm(1") 18GA Brad nail |  |
| 32mm(1-1/4") 18GA Brad nail |  |
| 38mm(1-1/2") 18GA Brad nail |  |
| 45mm(1-3/4") 18GA Brad nail |  |
| 50mm(2") 18GA Brad nail |  |
| 19mm(3/4") 18GA Narrow crown staple |  |
| 22mm(7/8") 18GA Narrow crown staple |  |
| 25mm(1") 18GA Narrow crown staple |  |
| 28mm(1-1/8") 18GA Narrow crown staple |  |
| 32mm(1-1/4") 18GA Narrow crown staple |  |
| 35mm(1-3/8") 18GA Narrow crown staple |  |
| 38mm(1-1/2") 18GA Narrow crown staple |  |
| 40mm(1-9/16") 18GA Narrow crown staple |  |

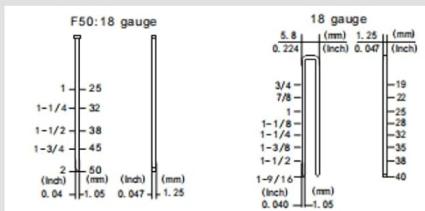


Image 7.1: A comprehensive chart detailing the application range of various 18GA brad nails and 1/4-inch narrow crown staples, including their lengths in millimeters and inches.

Compatible Fastener Sizes

| Fastener Type | Gauge | Length Range |
|----------------------|------------|-------------------------------|
| Brad Nails | 18GA | 5/8" to 2" (15mm to 50mm) |
| Narrow Crown Staples | 1/4" Crown | 5/8" to 1-5/8" (15mm to 40mm) |

8. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your pneumatic tool.

- **Lubrication:** Apply a few drops of pneumatic tool oil into the air inlet daily before use.
- **Cleaning:** Keep the tool clean and free of debris. Wipe down the exterior with a clean cloth.
- **Air Filter:** Regularly check and clean the air filter on your compressor to ensure a clean air supply to the tool.
- **Fastener Magazine:** Keep the magazine clean to prevent jams.
- **Storage:** Store the tool in its carrying case in a dry, clean environment when not in use.

9. TROUBLESHOOTING

If you encounter issues with your nailer, refer to the following common troubleshooting steps:

- **Tool Not Firing:**
 - Check air supply connection and pressure. Ensure pressure is within 60-120 PSI.
 - Verify fasteners are loaded correctly and the magazine is not empty.
 - Ensure the safety contact tip is fully depressed against the workpiece.
- **Jams:**
 - Disconnect air supply.
 - Open the quick release mechanism to clear any jammed fasteners.
 - Ensure you are using the correct size and type of fasteners.
- **Inconsistent Fastener Depth:**
 - Check air pressure; insufficient pressure can lead to shallow drives.
 - Ensure the workpiece material is suitable for the fastener length.

For issues not resolved by these steps, contact customer support.

10. SPECIFICATIONS

| Feature | Specification |
|--------------------|----------------------------------|
| Model Number | HPJ00101 |
| Item Weight | 8.62 pounds (Tool only: 3.3 lbs) |
| Product Dimensions | 10 x 2.3 x 10 inches |
| Material Type | Aluminum alloy, Steel |
| Nail Type | 18GA Brad Nails |
| Staple Type | 1/4" Narrow Crown Staples |
| Loading Capacity | 100 fasteners |
| Operating Pressure | 0.4 to 0.8 MPa (60 to 120 PSI) |
| Operation Mode | Automatic |

11. WARRANTY AND SUPPORT

For warranty information, technical support, or replacement parts, please contact jovant customer service. Keep your purchase receipt as proof of purchase.

Contact information can typically be found on the product packaging or the official jovant website.

