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WORKPRO W181004A

WORKPRO Pneumatic Brad Nailer & Crown Stapler User Manual

Model: W181004A

INTRODUCTION

The WORKPRO 2-in-1 Pneumatic Brad Nailer and Crown Stapler is a versatile tool designed for various woodworking, carpentry, and DIY projects. It is compatible with 18 gauge brad nails and 18 gauge staples, offering efficient and powerful fastening for tasks such as general repairs, craftwork, interior/exterior decorative trim, and upholstery. This air-powered tool requires connection to an air compressor (not included) and operates within a pressure range of 60 to 100 PSI.

Key features include a depth adjustment wheel for precise fastening, a 360-degree adjustable exhaust, and a quick, tool-free jam clearing mechanism for ease of use and maintenance.

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 eye protection (safety glasses) and hearing protection when operating the tool.
- Ensure the air compressor is disconnected before performing any maintenance, clearing jams, or loading/unloading fasteners.
- Never point the tool at yourself or others.
- Keep hands and body parts away from the discharge area of the tool.
- Use the correct type and size of fasteners for your application.
- Do not operate the tool if it is damaged or malfunctioning.
- Maintain a firm grip on the tool and ensure stable footing during operation.
- Add oil regularly to all air tools as specified in the maintenance section.

COMPONENTS AND PARTS

Familiarize yourself with the various components of your WORKPRO Pneumatic Brad Nailer and Crown Stapler:



Figure 1: Labeled diagram of the WORKPRO 2-in-1 Pneumatic Brad Nailer and Crown Stapler, highlighting key components such as the swivel air-outlet, compressed air connection, trigger catch, depth control wheel, magazine release latch, staples/nails reload window, magazine, jam clearing latch, and safety nose.

- **Swivel Air-Outlet:** Directs exhaust air away from the user.
- **Compressed Air Connection:** Point for connecting the air hose from the compressor.
- **Trigger Catch:** Activates the firing mechanism.
- **Depth Control Wheel:** Adjusts the depth at which fasteners are driven.
- **Magazine Release Latch:** Releases the magazine for loading fasteners.
- **Staples/Nails Reload Window:** Allows visibility of fastener levels in the magazine.
- **Magazine:** Holds the fasteners (nails or staples).
- **Jam Clearing Latch:** Provides quick access to clear jammed fasteners.
- **Safety Nose:** Must be pressed against the workpiece to activate the tool, preventing accidental firing.

SETUP

1. Connecting to Air Compressor

The WORKPRO nailer is air-powered and requires an air compressor (not included) for operation. Ensure your air compressor is set to a working pressure between 60-100 PSI (4.0-7 bar) and has a 1/4 NPT air inlet connection.



Figure 2: Proper connection of the pneumatic nailer to an air compressor hose. The air compressor is not included with the tool.

For a visual guide on connecting the air compressor, please watch the official product video below:

Your browser does not support the video tag.

Video 1: Official WORKPRO video demonstrating the connection of the pneumatic nailer to an air compressor and general operation. This video also shows loading fasteners and clearing jams.

2. Loading Fasteners (Nails/Staples)

This 2-in-1 tool is compatible with 18 gauge brad nails (5/8" - 2" / 15mm - 50mm) and 18 gauge staples (5/8" - 1-9/16" / 16mm - 40mm). The tool comes with 400pcs brad nails and 300pcs staples to get you started.

1. Ensure the air supply is disconnected from the tool for safety.

2. Press the magazine release latch and pull the magazine open.
3. Insert the strip of nails or staples into the magazine, ensuring they are oriented correctly.
4. Slide the magazine back until it locks into place.

LOADING STAPLES AND NAILS



1 Pressing the magazine release button



2 Slide out the magazine



3 Insert the staples or nails



4 Slide back the magazine

Figure 3: Step-by-step visual guide on how to load staples or nails into the tool's magazine. This involves pressing the release button, sliding out the magazine, inserting fasteners, and sliding the magazine back.

Refer to Video 1 for a demonstration of loading fasteners.

OPERATING INSTRUCTIONS

1. Adjusting Depth

The depth control wheel allows you to adjust how deep the nails or staples are driven into the workpiece. This is crucial for protecting the work surface and adapting to different material thicknesses.

- Rotate the depth control wheel located on the top of the tool to increase or decrease the firing depth.
- Test on a scrap piece of material to ensure the desired depth is achieved before working on your main project.



Figure 4: The depth control wheel allows for precise adjustment of fastener penetration. Examples show fasteners driven at different depths.

For a visual demonstration of depth adjustment, watch the official product video below:

Your browser does not support the video tag.

[Video 2: Official WORKPRO video demonstrating the depth adjustment feature and continuous firing mode of the pneumatic nailer.](#)

2. Firing Operation

The tool features a continuously shot mode for efficient work. To fire a fastener:

1. Connect the tool to the air compressor.
2. Press the safety nose firmly against the workpiece. The safety nose must be depressed for the tool to fire.
3. Squeeze the trigger catch to drive a fastener.
4. For continuous firing, keep the safety nose pressed against the workpiece, slide the nailer to a new position, release the trigger, and squeeze it again.



Figure 5: The safety nose must be fully depressed against the workpiece for the tool to fire, ensuring safe operation.

Maintenance

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

1. Regular Oiling

It is essential to add lubricant (included) regularly to all air tools. Apply a few drops of pneumatic tool oil into the air inlet before each use or after extended periods of operation. This lubricates internal components and prevents wear.

2. Jam Clearing

In the event of a fastener jam, follow these steps to clear it safely and efficiently:

- 1. Disconnect Air Supply:** Always disconnect the tool from the air compressor before attempting to clear a jam.
- 2. Open Jam Clearing Latch:** Locate the jam clearing latch at the front of the tool and open it.
- 3. Remove Jammed Fastener:** Carefully remove any jammed nails or staples from the firing mechanism.

4. **Close Latch:** Close the jam clearing latch securely before reconnecting the air supply.



Figure 6: The jam clearing latch provides easy access to the firing mechanism for quick removal of jammed fasteners.

Refer to Video 1 for a demonstration of clearing jams.

TROUBLESHOOTING

If you encounter issues with your WORKPRO Pneumatic Brad Nailer and Crown Stapler, refer to the following common troubleshooting tips:

| Problem | Possible Cause | Solution |
|---------|----------------|----------|
|---------|----------------|----------|

| Problem | Possible Cause | Solution |
|----------------------------|---|--|
| Tool does not fire | No air supply or low air pressure. Safety nose not fully depressed. Magazine empty or fasteners jammed. | Check air compressor connection and pressure (60-100 PSI). Ensure safety nose is firmly pressed against workpiece. Load fasteners or clear jam (refer to Maintenance section). |
| Fasteners not driven flush | Low air pressure. Depth adjustment set too shallow. Incorrect fastener length for material. | Increase air pressure within recommended range. Adjust depth control wheel to a deeper setting. Use appropriate fastener length for the material. |
| Fasteners jam frequently | Damaged or incorrect fasteners. Lack of lubrication. Debris in the magazine or firing mechanism. | Use only recommended, undamaged fasteners. Apply pneumatic tool oil regularly. Clean the magazine and firing area. |

SPECIFICATIONS

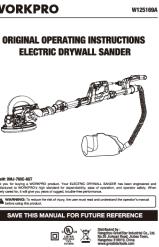
| Feature | Detail |
|----------------------|--|
| Brand | WORKPRO |
| Model Number | W181004A |
| Item Weight | 4.29 pounds |
| Product Dimensions | 12.2 x 11 x 2.8 inches |
| Material Type | Metal |
| Fastener Gauge | 18 GA |
| Nail Length | 5/8" - 2" (15 mm - 50 mm) |
| Staple Length | 5/8" - 1-9/16" (16 mm - 40 mm) |
| Operation Pressure | 60 - 100 PSI (4.0 - 7 bar) |
| Air Inlet | 1/4 NPT |
| Nail Capacity | 100pcs |
| Included Accessories | 400pcs brad nails, 300pcs staples, 2pcs hex key, lubricant |

WARRANTY AND SUPPORT

For warranty information, technical support, or to purchase replacement parts, please contact WORKPRO customer service or visit the official WORKPRO website. Keep your purchase receipt as proof of purchase for any warranty claims.

You can visit the WORKPRO Store on Amazon for more information: [WORKPRO Store](#)

Related Documents

| | |
|--|---|
| | <p>WORKPRO 6-in-1 Heavy-Duty Staple Gun User Manual and Guide</p> <p>Comprehensive guide for the WORKPRO 6-in-1 Heavy-Duty Staple Gun (models W023035A, W023036A), covering operation, staple selection, applications, and safety instructions.</p> |
|  WORKPRO ORIGINAL OPERATING INSTRUCTIONS ELECTRIC DRYWALL SANDER W125160A | <p>WORKPRO Electric Drywall Sander Original Operating Instructions</p> <p>This document provides original operating instructions for the WORKPRO Electric Drywall Sander, model DMJ-700C-6GT. It includes safety warnings, product information, assembly, operation, maintenance, and troubleshooting guidance.</p> |
|  WORKPRO ORIGINAL OPERATING INSTRUCTIONS CORDLESS HOT GLUE GUN W125161A W125164A SAVE THIS MANUAL FOR FUTURE REFERENCE | <p>WORKPRO Cordless Hot Glue Gun 7.2V User Manual</p> <p>Comprehensive guide for the WORKPRO 7.2V Cordless Hot Glue Gun, covering safety, operation, maintenance, and technical specifications. Learn how to use your glue gun safely and effectively for various crafting and DIY projects.</p> |
|  WORKPRO ORIGINAL OPERATING INSTRUCTIONS 12V BRUSHLESS CORDLESS 3-IN-1 MULTI-HEAD POWER TOOL SET W125176A | <p>WORKPRO 12V Cordless 3-in-1 Multi-Head Power Tool Set: Operating Instructions & Safety Guide</p> <p>Comprehensive operating instructions, safety guidelines, assembly, operation, and maintenance information for the WORKPRO W125176A 12V Brushless Cordless 3-in-1 Multi-Head Power Tool Set, featuring pruning saw, belt sander, and blower attachments. Includes detailed safety warnings and technical specifications.</p> |