

meite P515

meite P515 Pneumatic Point Driver Instruction Manual

Model: P515

1. SAFETY INFORMATION

Read and understand all safety warnings and instructions before operating this tool. Failure to follow the warnings and instructions may result in serious injury.

General Safety Rules

- **Eye Protection:** Always wear ANSI Z87.1 compliant safety glasses with side shields.
- **Hearing Protection:** Wear hearing protection during operation to prevent hearing damage.
- **Respiratory Protection:** Use a dust mask if operating in dusty environments.
- **Air Pressure:** Never exceed the recommended operating pressure of 100 PSI.
- **Disconnect Air Supply:** Always disconnect the air supply before loading fasteners, performing maintenance, clearing jams, or when the tool is not in use.
- **Keep Work Area Clear:** Ensure the work area is well-lit and free from clutter.
- **Secure Workpiece:** Always secure the workpiece to prevent movement during operation.
- **Avoid Accidental Discharge:** Never point the tool at yourself or others. Keep fingers away from the trigger when not driving points.
- **Use Correct Fasteners:** Only use fasteners compatible with the meite P515 (5/8 inch flexible points).
- **Tool Condition:** Do not operate a damaged or malfunctioning tool.

2. PRODUCT OVERVIEW

The meite P515 Pneumatic Point Driver is an air-powered tool designed for efficiently securing backing materials in picture frames, mirror backboards, shadow boxes, and for various light-duty woodworking and craft projects. It offers a lightweight and ergonomic design for comfortable extended use.

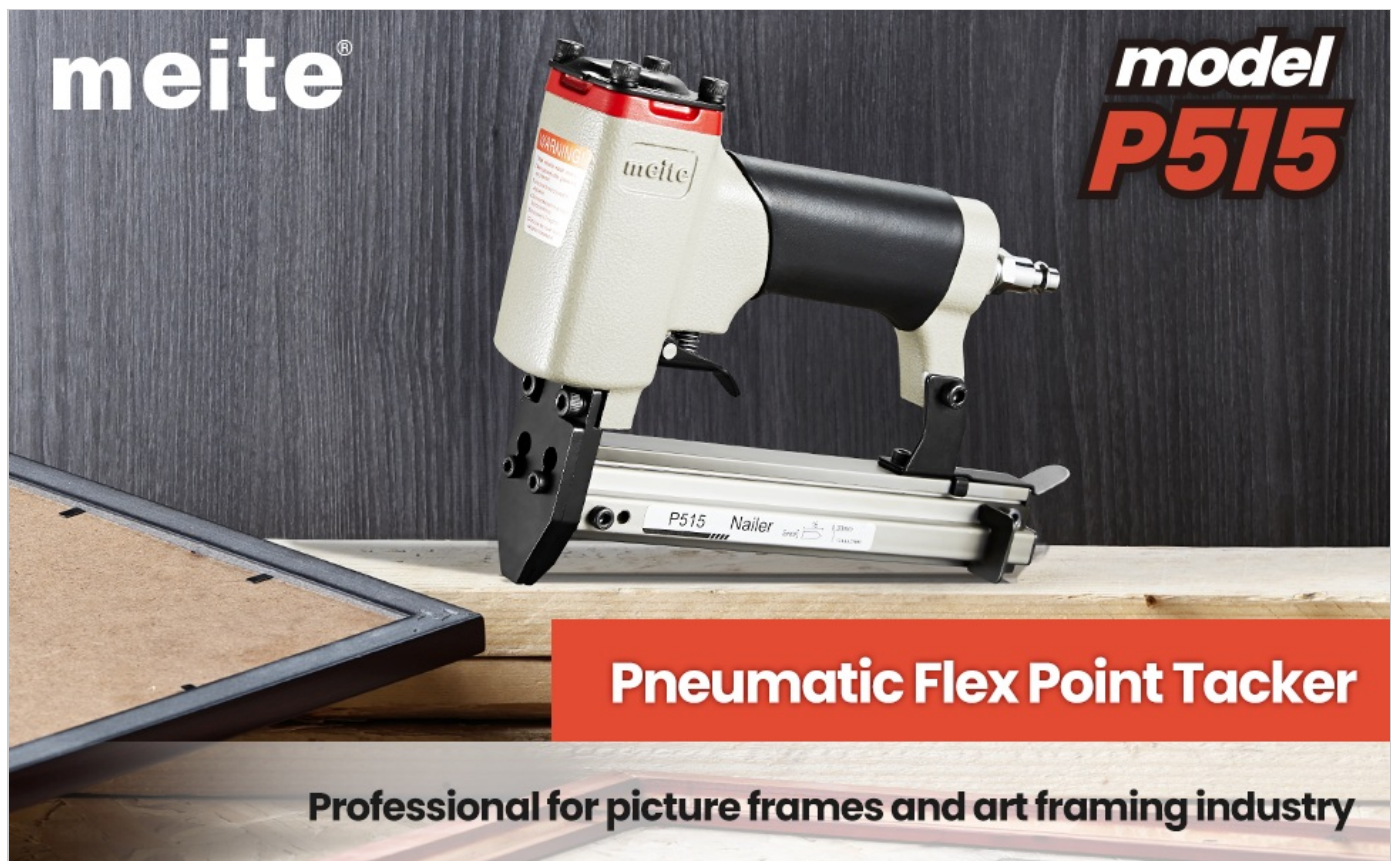


Figure 2.1: Overview of the meite P515 Pneumatic Point Driver, showing its compact size and key dimensions. The tool weighs 0.94 kg (2.07 lbs) and operates with 1/4" NPT air inlet at 60-100 PSI, with a capacity of 200 points.

Key Features:

- **Pneumatic Operation:** Replaces manual nailing with efficient, high-force air power.
- **Lightweight Design:** Weighs only 1.98 lbs (0.9 kg) for reduced user fatigue.
- **Durable Construction:** Body crafted from aluminum alloy for longevity.
- **High Capacity Magazine:** Holds up to 200 flexible points, reducing reload frequency.
- **Compatible Fasteners:** Designed for 0.197" (5mm) crown and 5/8" (15mm) length framing points.

3. SETUP

3.1 Connecting to Air Supply

1. Ensure the air compressor is turned off and the air tank is drained.
2. Connect a standard 1/4" NPT air hose to the tool's air inlet.
3. Set the air compressor's regulator to an operating pressure between 60-100 PSI. Do not exceed 100 PSI.
4. Turn on the air compressor.



Figure 3.1: The 1/4" NPT air inlet for connecting the air hose to the P515 tool.

3.2 Loading Flexible Points

Always disconnect the air supply before loading points.

1. Press the magazine latch to release the magazine.
2. Slide the magazine open.
3. Insert a strip of 5/8 inch flexible points into the magazine. Ensure the pointed end of the points faces downward.
4. Push the magazine forward until it locks securely into place.



Figure 3.2: The P515 features an easy-operating magazine for quick loading of flexible points. The image also illustrates the compatible fastener dimensions: 5/8" (15mm) length, 0.013" (0.33mm) thickness, and 0.196" (5mm) width.

P515 Tool Specifications

Lightweight and compact, suitable for most people



Figure 3.3: Visual guide demonstrating the four steps for loading flexible points into the P515 magazine: press latch, slide out, insert points (pointed end down), and push magazine forward.

4. OPERATION

4.1 Driving Flexible Points

1. Ensure the air supply is connected and the magazine is loaded with compatible flexible points.

2. Position the nose of the tool firmly against the workpiece (e.g., the backing board of a picture frame).
3. Apply firm, even pressure to the tool against the workpiece.
4. Squeeze the trigger to drive a flexible point.
5. Release the trigger and lift the tool from the workpiece.
6. Repeat the process as needed, spacing points appropriately to secure the backing.

Note: For best results, practice on scrap material to get a feel for the tool and the required pressure.

Compatible Points



Figure 4.1: Demonstrating the use of the meite P515 to secure the backing of a picture frame. The tool is held firmly against the frame for precise point placement.



Figure 4.2: The P515 is ideal for professional picture and art framing, providing a secure hold for various backing materials.

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Video 4.1: Official demonstration of the meite P515 Pneumatic Point Driver for picture framing DIY projects. This video illustrates the loading and operation of the tool.

5. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your meite P515 Point Driver. Always disconnect the air supply before performing any maintenance.

5.1 Lubrication

- Apply 2-3 drops of pneumatic tool oil into the air inlet daily before use.
- Operate the tool briefly after oiling to distribute the lubricant.
- Do not use detergent oil or oil with additives, as this can damage the O-rings and other components.

5.2 Cleaning

- Keep the tool clean and free of debris. Wipe down the exterior with a clean cloth.
- Periodically check the magazine for dust or point residue and clean as necessary to prevent feeding issues.
- Inspect the nosepiece for any buildup that might obstruct point discharge.

5.3 Storage

- Store the tool in a clean, dry environment.
- Disconnect the air hose and drain any remaining air from the tool before storage.

- Apply a few drops of pneumatic tool oil before storing for extended periods.

6. TROUBLESHOOTING

Before troubleshooting, ensure the air supply is disconnected.

Problem	Possible Cause	Solution
Tool does not fire or fires weakly.	• Low air pressure. • No points in magazine. • Air leak. • Lack of lubrication.	• Check air compressor pressure (60-100 PSI). • Load points into the magazine. • Check air hose connections and tool for leaks. • Add pneumatic tool oil to the air inlet.
Points jam in the tool.	• Incorrect point size/type. • Damaged points. • Debris in magazine or nosepiece.	• Use only 5/8 inch flexible points. • Inspect points before loading; discard damaged ones. • Disconnect air, open magazine, clear debris from magazine and nosepiece.
Points do not fully embed.	• Low air pressure. • Insufficient pressure on workpiece.	• Increase air pressure within recommended range. • Apply more firm and consistent pressure to the tool against the workpiece.

7. SPECIFICATIONS

Feature	Detail
Brand	meite
Model Number	P515
Operation Mode	Pneumatic
Air Inlet	1/4" NPT
Operating Pressure	60-100 PSI
Compatible Fasteners	5/8" (15mm) Flexible Points
Fastener Crown	0.197" (5mm)
Magazine Capacity	200 pieces
Tool Weight	1.98 lbs (0.9 kg)
Body Material	Aluminum Alloy

8. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the documentation included with your purchase or visit the official meite website. Keep your purchase receipt as proof of purchase for any warranty claims.

Manufacturer: meite

Contact: Refer to the official meite USA website or contact information provided in the product packaging for support.

ASK A QUESTION ABOUT THIS MANUAL

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Example: How do I reset this device or fix this error?

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Model number, symptoms, what you tried, or the section of the manual you are using.

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