

meite BW100

meite BW100 Pneumatic Nail Remover Instruction Manual

Model: BW100

1. INTRODUCTION

The meite BW100 is a heavy-duty pneumatic nail remover designed for efficient and precise removal of nails from wooden materials such as pallets, crates, and reclaimed wood. This tool operates by punching nails straight out from the pointed end, preserving the integrity of the wood. It is ideal for recycling operations, furniture restoration, and general demolition tasks where material preservation is critical.

2. SAFETY INSTRUCTIONS

Always follow these safety guidelines to prevent injury and ensure safe operation of the meite BW100 Pneumatic Nail Remover:

- **Wear Eye Protection:** Always wear ANSI-approved safety glasses or goggles to protect against flying debris.
- **Wear Hearing Protection:** Use ear protection to prevent hearing damage from noise.
- **Wear Hand Protection:** Use gloves to protect hands from splinters and sharp objects.
- **Disconnect Air Supply:** Always disconnect the air supply before making adjustments, clearing jams, servicing, or when the tool is not in use.
- **Maintain Proper Air Pressure:** Ensure the air compressor is set to the recommended operating pressure of 90-120 PSI. Do not exceed the maximum pressure.
- **Keep Hands Clear:** Never place hands or other body parts near the tool's nose or firing mechanism during operation.
- **Secure Workpiece:** Ensure the material from which nails are being removed is stable and secure.
- **Inspect Tool Before Use:** Check for any damaged parts, loose connections, or leaks before each use. Do not operate a damaged tool.
- **Use in Well-Ventilated Area:** Operate in an area with good ventilation to avoid inhaling dust or fumes.

3. PRODUCT COMPONENTS

The meite BW100 Pneumatic Nail Remover consists of a robust body, a long slim nose for accessing tight spaces, a comfortable non-slip grip, a trigger mechanism, and an air inlet for connection to a compressor. The tool is designed for durability and ease of use.

**Pull the nail out of the wood
from the sharp pointed end**



Image: The meite BW100 Pneumatic Nail Remover in action, demonstrating how it pushes a nail out from the sharp pointed end of a wooden board.

Comfortable To Handle

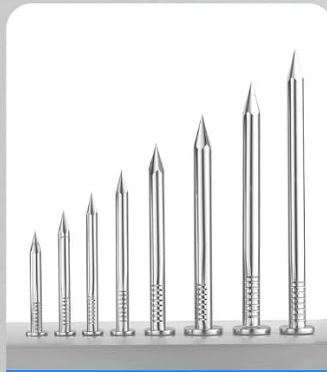
Easily removes stubborn nails
without damaging the material



Powerful punching



Long Nose design



Removes multiple
nail sizes



Image: A detailed view of the meite BW100, showcasing its comfortable handle, powerful punching capability, long nose design, and its ability to remove multiple nail sizes.

4. SETUP

Before operating the meite BW100, ensure proper setup:

1. **Connect Air Compressor:** Attach a suitable air hose to the tool's 1/4 NPT air inlet. Ensure all connections are secure and leak-free.
2. **Set Air Pressure:** Adjust your air compressor to provide an operating pressure between 90-120 PSI. Do not exceed 120 PSI.
3. **Lubrication:** Apply a few drops of pneumatic tool oil into the air inlet before each use to ensure smooth operation and prolong tool life.



Image: Illustration highlighting the necessity of using the BW100 with an air compressor, specifying the required 90-120 PSI working pressure.

5. OPERATING INSTRUCTIONS

The meite BW100 is designed for quick and efficient nail removal. Follow these steps for operation:

1. **Prepare Workpiece:** Place the wooden material on a stable surface.
2. **Identify Nail:** Locate the nail to be removed. The tool is compatible with 9-16 gauge nails, with head diameters of 4-9mm and lengths of 71-90mm.
3. **Position Tool:** Place the long nose of the BW100 directly over the head of the nail. Ensure the tool is perpendicular to the wood surface for optimal force transfer. The extended reach design allows access to tight pallet gaps and recessed nails.
4. **Apply Pressure:** Apply firm downward pressure on the tool to engage the nail.
5. **Depress Trigger:** Squeeze the trigger to activate the pneumatic mechanism, which will punch the nail out from the opposite side of the wood.
6. **Repeat:** Continue this process for all nails to be removed.

meite

Pneumatic BW100 Nail Puller

4-9 mm

Removes Diameter

4-9 mm
Diameter

Removes
9-16
Gauge

★★★★★

**less than
90 mm**

**less than
90 mm**

Length of exposed
part of nails

Image: The meite BW100 Pneumatic Nail Puller, illustrating its capability to remove nails with diameters between 4-9 mm and lengths less than 90 mm.

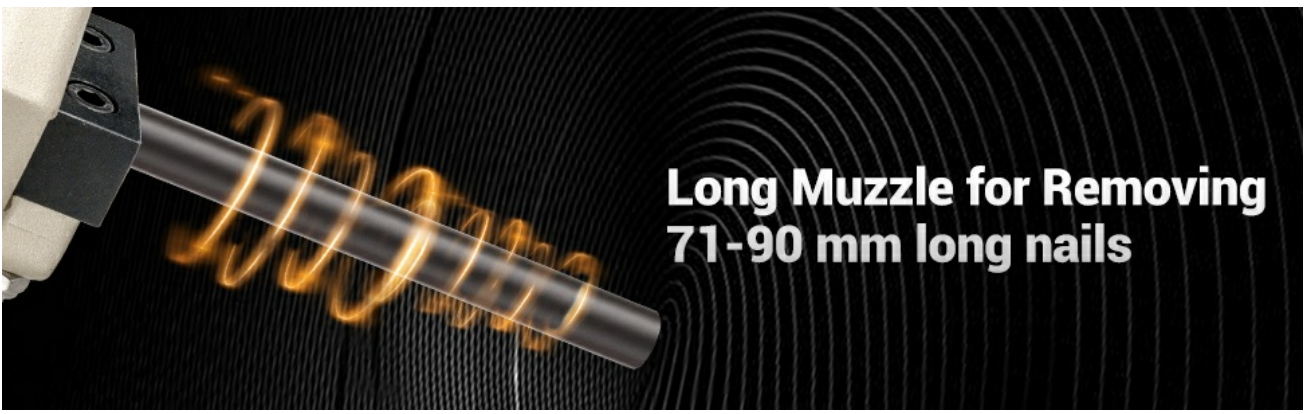
Easily removes bent and rusted nails



Compatible wood board thickness dimensions: .

Model	Wood board thickness	Removes nail length
AP38	Within 15 mm	Within 45 mm
T50SC-B / NP45	16 – 25 mm	46 – 70 mm
NP55	26 – 40 mm	71 – 90 mm

Image: This image displays the meite BW100's effectiveness in removing bent and rusted nails, along with a table detailing compatible wood board thicknesses and corresponding nail lengths for various models.



Long Muzzle for Removing 71-90 mm long nails

Image: The long muzzle design of the BW100, specifically engineered for removing nails ranging from 71-90 mm in length.

Removal Nails Range



Diameter of
.157"-.354" (4-9 mm)



Length of
2.80"-3.54" (71-90 mm)



Image: A clear illustration of the BW100's nail removal range, specifying compatible nail diameters of 4-9 mm (.157"-.354") and lengths of 71-90 mm (2.80"-3.54").

Your browser does not support the video tag.

Video: Official product video demonstrating the meite BW100 Pneumatic Nail Remover in action, showing how it efficiently removes nails from wooden materials, preserving the wood for reuse.

6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your meite BW100 Pneumatic Nail Remover:

- **Daily Lubrication:** Add 2-3 drops of pneumatic tool oil into the air inlet before each use.
- **Clean Regularly:** Keep the tool clean and free of debris, especially around the nose and trigger mechanism. Use a dry cloth or compressed air.
- **Check Air Connections:** Periodically inspect air hoses and fittings for wear, damage, or leaks. Replace any damaged components immediately.
- **Store Properly:** When not in use, store the tool in a dry, clean environment away from direct sunlight and extreme temperatures.

7. TROUBLESHOOTING

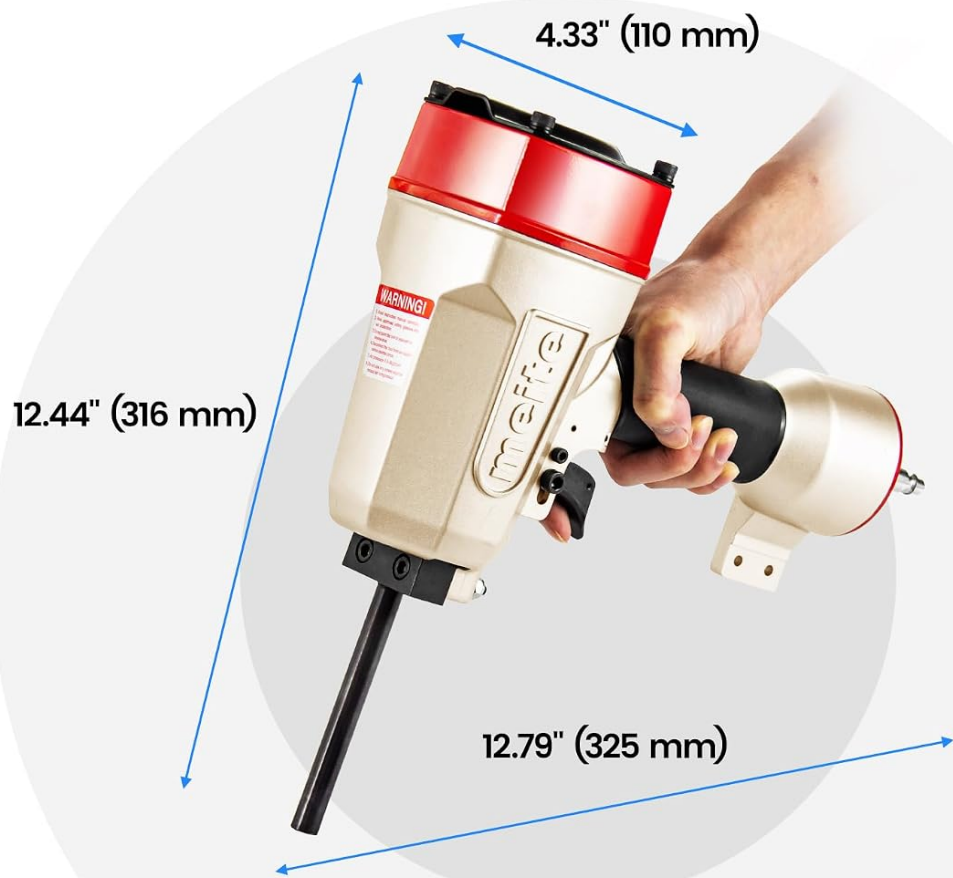
If you encounter issues with your meite BW100, refer to the following common troubleshooting steps:

- **Tool Not Firing:**
 - Check air supply: Ensure the air hose is connected and the compressor is on.
 - Verify air pressure: Confirm the air pressure is within the 90-120 PSI operating range.
 - Check for obstructions: Inspect the nose of the tool for any debris or jammed nails. Disconnect air supply before clearing.
- **Low Power/Ineffective Nail Removal:**
 - Increase air pressure: If below 120 PSI, gradually increase pressure within the recommended range.
 - Lubricate tool: Apply pneumatic tool oil to the air inlet.
 - Check for air leaks: Inspect hose and fittings for leaks that may reduce pressure.
- **Air Leaking from Tool:**
 - Tighten fittings: Ensure all air connections are tight.
 - Inspect O-rings/seals: If leaks persist, internal O-rings or seals may be worn and require replacement.

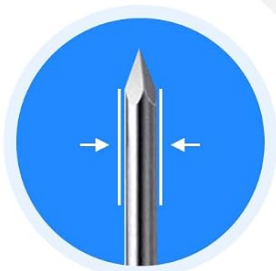
Contact customer support.

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

8. SPECIFICATIONS



Pneumatic BW100 Nail Remover



Removes Nail Dia.
4 - 9 mm



Weight
2.2 KG / 4.85 LBS



Operating Pressure
85 - 120 PSI



Air Inlet
1/4 NPT

Image: A comprehensive technical overview of the meite BW100 Pneumatic Nail Remover, including its dimensions, weight, nail removal diameter, operating pressure, and air inlet specifications.

Feature	Specification
Model Number	BW100
Manufacturer	Guangdong Meite Mechanical Co.,Ltd
Product Dimensions	32 x 11 x 29 cm

Feature	Specification
Item Weight	2 kg (4.4 lbs)
Material	Steel
Power Source	Air-powered
Operating Pressure	90-120 PSI
Air Inlet	1/4 NPT
Compatible Nail Gauge	9-16 Gauge
Compatible Nail Head Diameter	4-9 mm (.157"-.354")
Compatible Nail Length	71-90 mm (2.80"-3.54")
Included Components	BW100 Pneumatic Nail Remover

9. WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries regarding your meite BW100 Pneumatic Nail Remover, please contact the manufacturer, Guangdong Meite Mechanical Co.,Ltd, or your authorized dealer. Keep your purchase receipt as proof of purchase for warranty claims.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

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

Details

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

Submit question