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## Einhell TC-PN 50

# Einhell TC-PN 50 Pneumatic Stapler/Nailer Instruction Manual

Model: TC-PN 50 (Item No. 4137790)

## INTRODUCTION

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This manual provides detailed instructions for the safe and efficient operation, setup, and maintenance of your Einhell TC-PN 50 pneumatic stapler and nailer. Please read this manual thoroughly before using the tool to ensure proper function and safety. This 2-in-1 combination tool is designed for various renovation and repair tasks in workshops, homes, and garages.

## SAFETY INSTRUCTIONS

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Always observe basic safety precautions when using power tools to reduce the risk of fire, electric shock, and personal injury. Keep this manual for future reference.

- **Wear Eye Protection:** Always wear safety glasses to protect against flying debris.
- **Wear Hearing Protection:** Use ear protection during operation.
- **Wear Hand Protection:** Use gloves to protect hands.
- **Disconnect Air Supply:** Always disconnect the air supply before making adjustments, clearing jams, or servicing the tool.
- **Secure Workpiece:** Ensure the workpiece is stable and secured before fastening.
- **Operating Pressure:** Do not exceed the maximum operating pressure specified for the tool.
- **Keep Clear:** Keep hands and body parts away from the firing area.
- **Proper Ventilation:** Use in a well-ventilated area.

## PRODUCT OVERVIEW

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Familiarize yourself with the components of your Einhell TC-PN 50.



**Figure 1:** Main view of the Einhell TC-PN 50 pneumatic stapler/nailer. The tool features a red and black housing, an ergonomic grip, and a magazine for fasteners. Staples and nails are visible on the wooden surface in the foreground.

1. **Air Inlet:** Connection point for the compressed air hose.
2. **Trigger:** Activates the fastening mechanism.
3. **Magazine:** Holds staples or nails. Features a level indicator.
4. **Depth Adjustment Wheel:** Allows precise setting of fastening depth.
5. **Safety Nose:** Must be pressed against the workpiece for the tool to fire.
6. **Anti-slip Grip:** Designed for comfortable and secure handling.

## SETUP

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### 1. Connecting to Air Compressor

1. Ensure your air compressor is turned off and depressurized.
2. Connect a suitable air hose (minimum 9mm inner diameter for optimal performance) to the air inlet of the TC-PN 50.

3. Set the air compressor's output pressure to the recommended operating pressure (refer to specifications).
4. Turn on the air compressor.

## 2. Loading Staples or Nails

The tool uses both staples (13-40mm) and nails (15-50mm).

1. Disconnect the air supply before loading fasteners.
2. Locate the magazine release latch and open the magazine.
3. Insert a strip of staples or nails into the magazine, ensuring they are oriented correctly.
4. Close the magazine securely until it latches.
5. Check the level indicator to confirm fasteners are loaded.



**Figure 2:** The Einhell TC-PN 50 pneumatic stapler/nailer shown with strips of staples and nails, illustrating the types of fasteners compatible with the tool. The magazine's level indicator is visible.

## 3. Adjusting Depth

Use the depth adjustment wheel to control how deep the fasteners are driven into the material.

- Turn the wheel clockwise to increase fastening depth.
- Turn the wheel counter-clockwise to decrease fastening depth.
- Always test the depth setting on a scrap piece of material before working on your final project.

## OPERATING

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1. Ensure all safety precautions are followed and the air supply is connected.
2. Place the safety nose firmly against the workpiece where you intend to fasten. The safety nose must be fully depressed for the tool to fire.
3. Squeeze the trigger to drive a staple or nail.
4. Release the trigger and lift the tool from the workpiece.
5. Periodically check the fastener level indicator and reload as needed.

*Note:* The anti-slip grip ensures comfortable and safe operation, even during extended use.

## MAINTENANCE

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

- **Oiling:** Before each use, apply 2-3 drops of pneumatic tool oil into the air inlet. This lubricates internal components.
- **Cleaning:** Keep the tool clean and free from dust and debris. Use a dry cloth to wipe down the exterior. Do not use harsh chemicals.
- **Air Filter:** Regularly check and clean the air filter on your compressor to ensure clean air supply to the tool.
- **Storage:** Store the tool in its transport and storage case in a dry, secure location away from direct sunlight and extreme temperatures. Disconnect from air supply before storage.

## TROUBLESHOOTING

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Here are solutions to common issues you might encounter:

Problem	Possible Cause	Solution
Tool does not fire	No air supply, low air pressure, safety nose not depressed, empty magazine, jammed fastener.	Check air connection and pressure, ensure safety nose is fully pressed, reload fasteners, clear jam (disconnect air first).
Fasteners not driven deep enough	Low air pressure, depth adjustment too shallow, incorrect fastener length for material.	Increase air pressure, adjust depth wheel, use longer fasteners if necessary.
Fasteners driven too deep / damaging material	High air pressure, depth adjustment too deep.	Decrease air pressure, adjust depth wheel.
Tool leaks air	Loose connections, damaged O-rings/seals.	Tighten connections, inspect and replace damaged seals (consult service center if unsure).

## SPECIFICATIONS

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<b>Model Number</b>	4137790
<b>Product Dimensions (L x W x H)</b>	25.6 x 5.5 x 26 cm
<b>Weight</b>	2.76 Kilograms
<b>Material</b>	Plastic
<b>Fastener Capacity</b>	Full strip (approx. 100 fasteners)
<b>Staple Lengths</b>	13-40 mm
<b>Nail Lengths</b>	15-50 mm
<b>Recommended Air Hose Inner Diameter</b>	9 mm
<b>Special Features</b>	2-in-1 combination tool (stapler and nailer), depth adjustment, anti-slip grip, level indicator.

## WARRANTY AND SUPPORT

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For warranty information or technical support, please refer to the official Einhell website or contact their customer service department. Keep your purchase receipt as proof of purchase.