

TOOLIOM TL-XCER-100

TOOLIOM 100W Portable Plastic Welder Hot Stapler

Model: TL-XCER-100

1. INTRODUCTION AND SAFETY INFORMATION

This manual provides essential instructions for the safe and effective use of your TOOLIOM 100W Portable Plastic Welder Hot Stapler. Please read all instructions carefully before operation and retain this manual for future reference.

Safety Warnings:

- Always wear appropriate personal protective equipment (PPE), including safety glasses and heat-resistant gloves, during operation.
- Ensure the work area is well-ventilated and free from flammable materials, vapors, or liquids.
- Do not touch the hot stapler tips or embedded staples during or immediately after use to prevent severe burns. Allow the device and staples to cool completely.
- Unplug the device from the power outlet when not in use, before cleaning, or before performing any maintenance.
- Keep the device out of reach of children and pets.
- Do not operate the device if the power cord or plug is damaged. Contact qualified service personnel for repair.
- This device is designed for plastic repair only. Do not use it for unintended purposes.

2. PRODUCT OVERVIEW AND COMPONENTS

The TOOLIOM 100W Portable Plastic Welder is a compact and efficient tool designed for reinforcing and repairing various plastic components. Its 100W power ensures rapid heating for quick repairs.



Image 2.1: The TOOLIOM 100W Portable Plastic Welder Hot Stapler.

Key Features:

- **Compact and Portable Design:** Ergonomically designed for ease of handling and access to tight spaces.
- **100W High Power:** Ensures rapid heating of staples to 752°F (400°C) in 1-3 seconds.
- **Integrated LED Light:** Provides illumination for improved visibility during detailed repair work.
- **Safety Certifications:** CE-certified and FCC-certified for safe operation.
- **Overheating Protection:** Built-in mechanism to prevent device damage from excessive heat.

BRAND NEW EXTERIOR DESIGN



Image 2.2: Overview of the plastic welding tool's features.

Included Components:

- 1 x TOOLIOM 100W Portable Plastic Welder Hot Stapler
- 200 x Hot Staples (50 Flat, 50 Outside Corner, 50 Inside Corner, 50 Wave)
- 1 x Portable Toolkit (Case)

3. SPECIFICATIONS

Specification	Detail
Manufacturer	TOOLIOM
Model Number	TL-XCER-100
Part Number	XCER-100
Power	100W
Voltage	110V

Heating Time	1-3 seconds to 752°F (400°C)
Item Weight	1.17 pounds
Package Dimensions	8.46 x 4.45 x 2.36 inches
Included Staples	200 PCS (Flat, Outside Corner, Inside Corner, Wave)

4. SETUP

Before beginning any repair work, ensure the device is properly set up and your workspace is prepared.

1. **Unpack:** Carefully remove the plastic welder and all accessories from its packaging.
2. **Inspect:** Examine the device, power cord, and plug for any signs of damage. Do not use the device if any damage is observed.
3. **Prepare Workspace:** Set up your work area in a well-ventilated space, ensuring it is clean, dry, and free from any flammable materials.
4. **Select Staples:** Choose the appropriate type of hot staple for the specific plastic repair task. Different staples are designed for various crack shapes and depths.

5. OPERATING INSTRUCTIONS

Follow these steps for effective and safe plastic repair using the hot stapler.

FAST HEATING WITH 100W POWER

PLASTIC WELDING TOOL

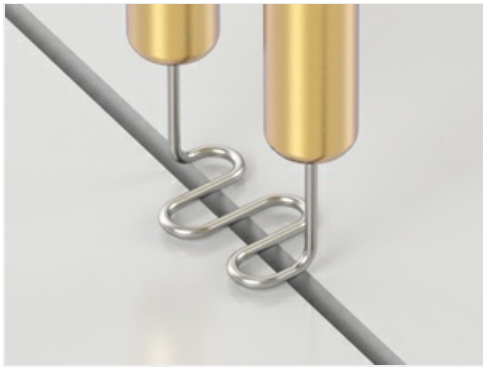


Image 5.1: The plastic welder heats rapidly for quick repairs.

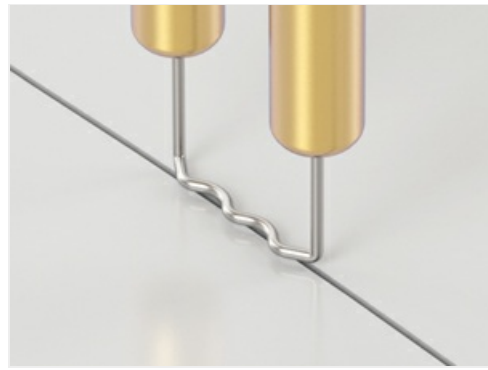
1. **Connect Power:** Plug the plastic welder into a standard 110V AC power outlet.
2. **Insert Staple:** Carefully insert one hot staple into the two metal prongs at the tip of the welder. Ensure the staple is seated securely and evenly.
3. **Activate Heating:** Press and hold the power button located on the device. The metal prongs will begin to heat the staple rapidly. The integrated LED light will turn on to illuminate the work area.
4. **Embed Staple:** Once the staple is glowing red and hot, gently press it into the plastic crack or break. The heat will cause the staple to melt into the plastic, creating a strong bond. Apply steady, gentle pressure; avoid excessive force.
5. **Cool and Remove:** Release the power button. Allow the staple to cool slightly within the plastic for a few seconds. Once cooled, carefully lift the welder away, leaving the staple embedded.
6. **Trim Excess:** Use a pair of diagonal cutters or pliers (not included) to trim any protruding ends of the staple flush with the plastic surface.
7. **Repeat Process:** Continue embedding staples along the length of the crack, spacing them appropriately to ensure maximum structural integrity of the repair.

Staple Types:

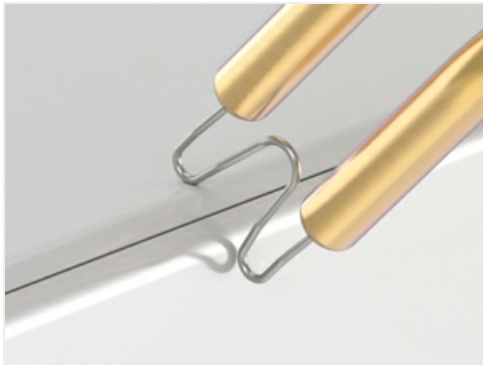
The kit includes four types of staples, each suited for different repair needs:



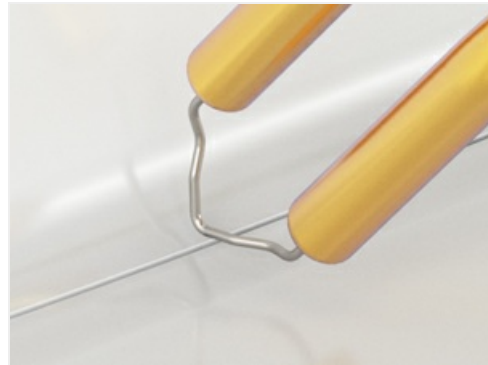
Wave Staples: Ideal for general repairs and reinforcing curved sections.



Flat Staples: Best for flat surfaces and straight cracks.



Inside Corner Staples: Designed for reinforcing internal corners.



Outside Corner Staples: Suitable for strengthening external corners.

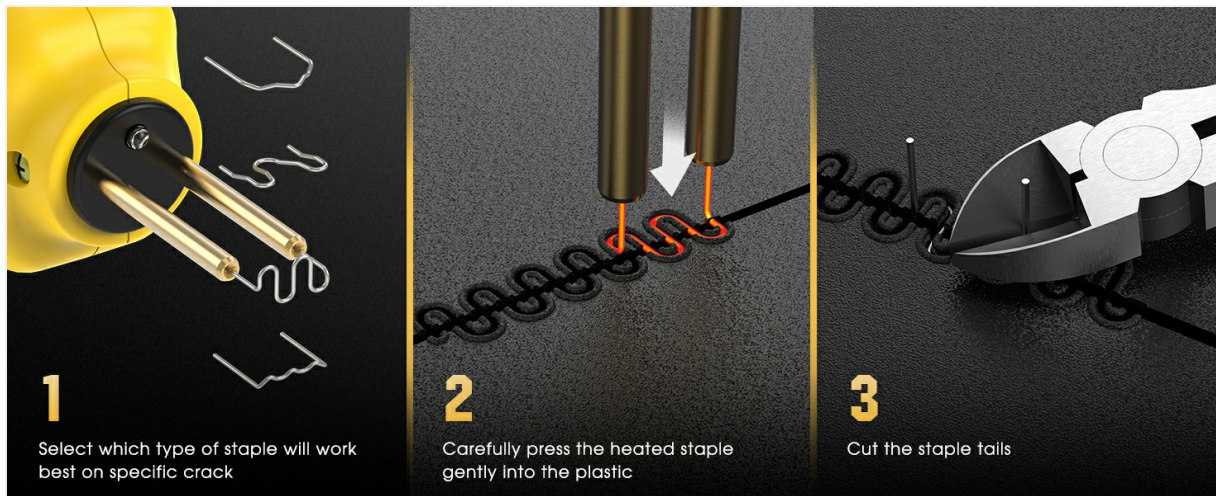


Image 5.2: Visual guide to the plastic repair process.

Applications:

This plastic welder is suitable for repairing a wide range of plastic items, including:

- Automotive parts: bumpers, dashboards, radiators, headlights, fenders.
- Household items: plastic furniture, bins, and other plastic components.

200PCS 4 TYPES HOT STAPLES

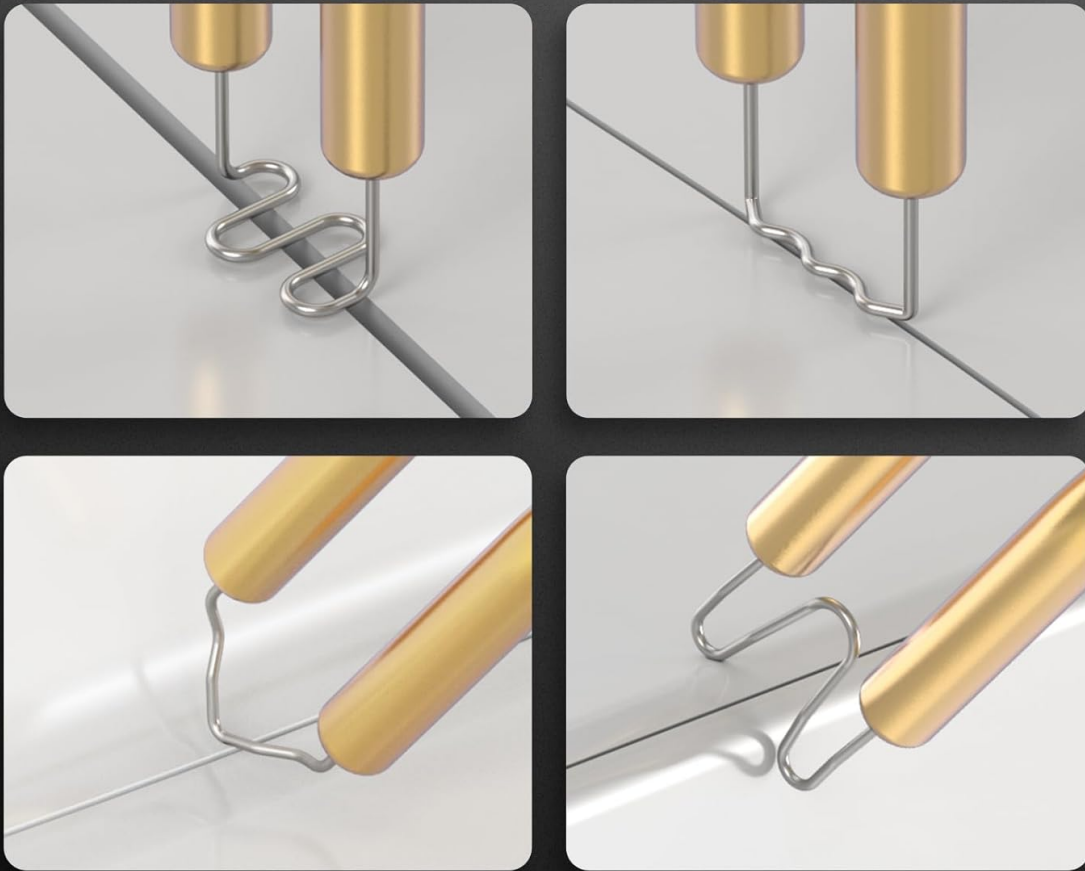


Image 5.3: Examples of plastic repair applications.

6. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your plastic welder.

- **Cleaning:** Always ensure the device is unplugged and completely cooled before cleaning. Wipe the exterior of the welder with a dry, soft cloth. Do not use abrasive cleaners, solvents, or immerse the device in water.
- **Staple Residue:** If staple residue accumulates on the metal prongs, gently scrape it off with a non-metallic tool when the device is cold. Avoid using metal tools that could damage the prongs.
- **Storage:** Store the plastic welder and its accessories in the provided portable toolkit. Keep it in a dry, cool place, away from direct sunlight, moisture, and extreme temperatures.
- **Cord Care:** Regularly inspect the power cord for cuts, fraying, or damage. Do not use the device if the cord is damaged.

7. TROUBLESHOOTING

If you encounter issues with your plastic welder, refer to the following troubleshooting guide:

Problem	Possible Cause	Solution
Device does not heat up.	Not plugged in, power outlet fault, internal fault.	Ensure the power cord is securely plugged into a functional 110V AC outlet. Test the outlet with another device. If the problem persists, discontinue use and contact support.
Staples are not embedding properly.	Insufficient heating time, incorrect staple insertion, plastic type incompatibility, insufficient pressure.	Ensure the staple is correctly inserted. Allow 1-3 seconds for the staple to heat fully. Apply gentle, consistent pressure. Some plastics may require different techniques or may not be suitable for this repair method.
Device stops working during prolonged use.	Overheating protection activated.	Unplug the device and allow it to cool down for at least 15-20 minutes. The built-in overheating protection will reset once the device has cooled sufficiently.

8. WARRANTY AND SUPPORT

Warranty information for the TOOLIOM 100W Portable Plastic Welder Hot Stapler is not explicitly detailed in the provided product information. For specific warranty terms, conditions, and duration, please refer to the official TOOLIOM website or contact their customer service department directly.

For technical support, replacement parts, or any other inquiries, please reach out to TOOLIOM customer service through their official channels.