



USER MANUAL  
**HOUSELINER E-ROLLER**

## **GENERAL INFORMATION**

Congratulations on your purchase and welcome to the Houseliner team. We are proud to support your relining work with reliable equipment built for efficiency and ease of use. We wish you many years of safe and efficient relining.

## **SAFETY IN USE AND HANDLING**

The Houseliner E-Roller is designed with safety and ease of use in mind. Each unit is tested before delivery to ensure reliable operation and electrical safety.

It is important that the user understands how to operate the equipment safely and correctly. Always inspect the E-Roller before use and replace damaged parts immediately. Use only original Houseliner spare parts and accessories to maintain safe operation and performance.

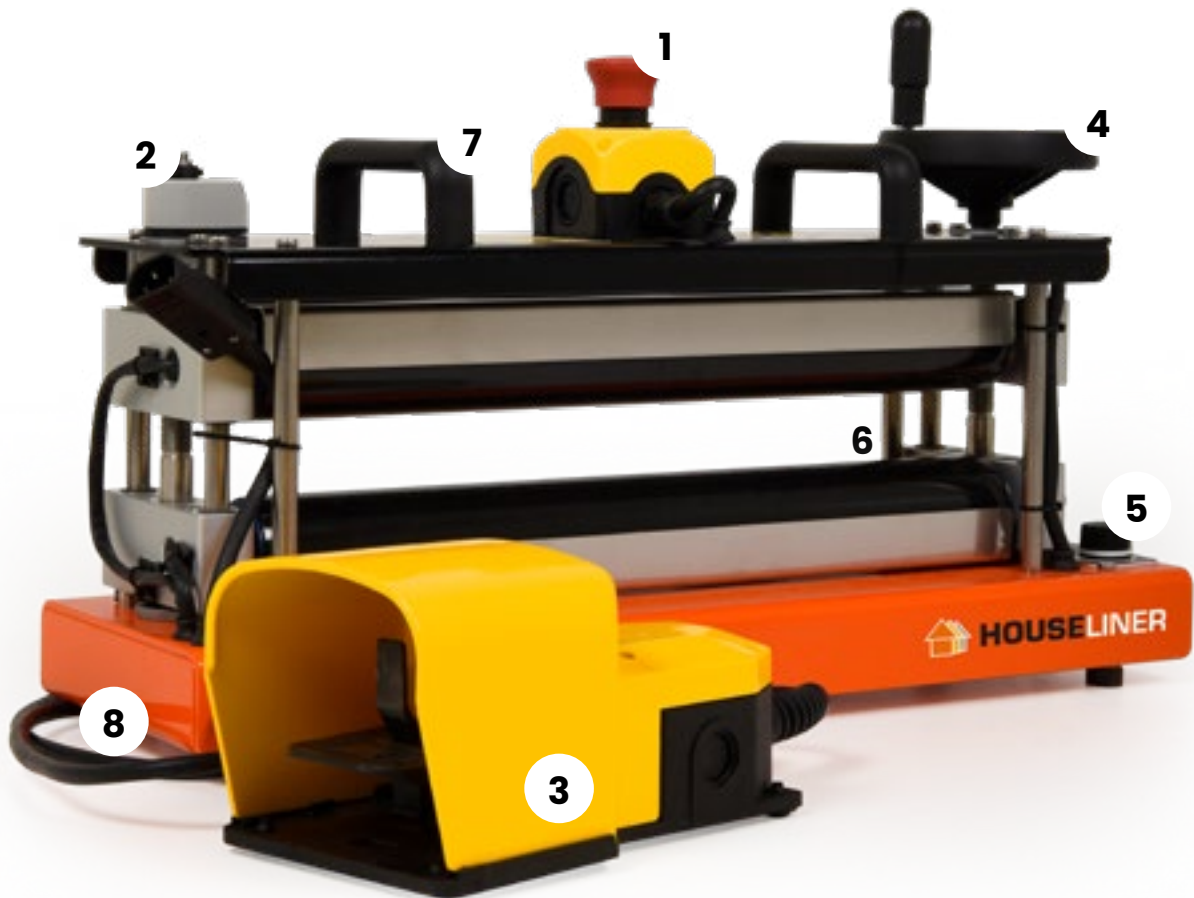
Keep hands, clothing, and loose objects away from moving parts during operation. Ensure the unit is placed on a stable surface and secured when required to prevent unintended movement. Disconnect the power supply before inspection, maintenance, or adjustments.

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## 1. INTRODUCTION

The Houseliner E-ROLLER is an electric impregnation machine designed for impregnating epoxy and resin into liners. The unit consists of the following components:



1. Emergency stop
2. Roller gap counter
3. Foot pedal
4. Hand wheel for roller gap adjustment
5. Speed control
6. Direction switch
7. Handles for carrying and lifting
8. Quick-release fixing plate

## 2. SAFETY

These instructions are provided for your safety. Always ensure that you have carefully read and understood them before using the device.

### 2.1 GENERAL SAFETY INSTRUCTIONS

Always keep the emergency stop button engaged when the E-Roller is not in use. The E-Roller is intended for liner impregnation only. It is designed solely for impregnating epoxy and resin into liners used for drain pipe rehabilitation.

Never leave the E-Roller unattended in public areas. Ensure that unauthorized persons cannot operate or access the machine.

If the machine must be left unattended, engage the emergency stop button and disconnect the power supply. Remove the power cable if necessary and prevent unauthorized access to both the machine and the power cable.

Use this product only for its intended purpose.

No liability can be accepted for any damage resulting from failure to comply with these instructions, improper use, or mishandling.

If you need to guide or steer the liner during impregnation, keep your hands and fingers clear of the rollers at all times to prevent injury. The roller surface may be sticky; never attempt to wipe or clean the rollers while the machine is powered on.

Keep long hair tied back, remove jewelry and other loose accessories, and do not wear loose or hanging clothing.

The impregnation unit operates with pressure between the rollers. If an object becomes trapped between the rollers during operation, immediately remove your foot from the foot pedal, engage the emergency stop, and increase the distance between the rollers by turning the hand wheel anticlockwise.

## 3. INSTALLATION

The fixing plate is supplied with the impregnation unit. Secure the fixing plate to the worktable using the four supplied bolts (or equivalent fasteners).

Always use the supplied bolts whenever possible to ensure proper fit and secure installation.

Mark the hole positions on the worktable using the fixing plate as a template. Drill Ø8.5 mm holes at the marked positions. Ensure that the worktable is stable and strong enough to support the unit safely.

Secure the impregnation unit to the fixing plate using the quick-release fasteners mounted on the fixing plate. Ensure that the quick-release fasteners remain easily accessible. Do not install the fixing plate with the quick-release fasteners facing a wall or other obstruction.

The impregnation unit is fitted with rubber feet, allowing it to be placed directly on the floor or ground. The unit can be removed from the fixing plate by releasing the quick-release fasteners.

Please note that when the impregnation unit is not secured to the fixing plate, there is a risk of tipping during liner impregnation. This risk increases with larger and heavier liners.

If the impregnation unit is mounted in a vehicle using the fixing plate, ensure that it is additionally secured with a tie-down strap or similar restraint during transport.

## 4. USING THE MACHINE

Always ensure that the emergency stop remains engaged when the machine is not in use.

Connect the power cable to the machine and to a power outlet. Adjust the roller gap to the required setting using the hand wheel. Turning the hand wheel anticlockwise increases the roller gap, while turning it clockwise decreases the gap.

The roller gap can be read on the counter, which displays the distance with an accuracy of 0.1 mm. One full turn of the hand wheel changes the roller gap by 4.0 mm.

Before starting the impregnation process, always set the speed to minimum by turning the speed control anticlockwise. Select the desired direction using the direction switch; the liner will move in the direction the switch is set.

Always keep the liner centered between the rollers to ensure even pressure across both sides of the unit. If the pressure becomes too high, for example due to an incorrectly adjusted roller gap, stop the impregnation process and increase the roller gap before continuing.

## 5. TROUBLE SHOOTING

Troubleshooting checklist:

- Check that the power plug and cable are in good condition.
- Ensure that the emergency stop is released.
- Check that a direction has been selected using the direction switch.
- Verify that the power outlet is supplying power.
- If excessive pressure has occurred between the rollers, the safety mechanism may need to be reset. To do this, lift the lower roller a few millimeters.

Important: the machine must be disconnected from the power supply before performing this operation.

If the issue persists, contact the manufacturer or your reseller for assistance.

## 6. TECHNICAL DATA

- Input 100 – 240VAC / 50 – 60Hz / 2.1A
- Adjustable speed control
- Direction switch
- Two(2) powered brushless rollers/motors with grip coating
- Foot switch
- Adjustable roller gap with counter reading
- Quick release table fixing for easy movement on the work site
- Safety covers in both roller
- Emergency stop
- Carrying handles

Thank you for choosing



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