

## WANLECY V350

# WANLECY V350 350mm Hot Cold Roll Laminator Instruction Manual

Model: V350

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## 1. SETUP

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### 1.1 Unpacking and Component Identification

Carefully remove the WANLECY V350 laminator from its packaging. Verify that all components are present:

- V350 Laminator Unit
- Power Cable
- User Manual (this document)
- Screwdriver (for minor adjustments, if included)
- Additional accessories (e.g., film cores, if included)



Figure 1: Overview of the WANLECY V350 Laminator.

## 1.2 Initial Placement

Place the laminator on a stable, flat surface with adequate space around it for proper ventilation and material feeding. Ensure the area is free from obstructions and away from direct heat sources or excessive moisture.

## 1.3 Power Connection

Connect the power cable to the laminator's power input port, then plug the other end into a standard 110V AC electrical outlet. Ensure the power switch is in the 'OFF' position before connecting to power.



Figure 2: Dimensions of the V350 Laminator. The unit measures approximately 53cm (20.8 inches) in length, 21cm (8.3 inches) in width, and 22cm (8.7 inches) in height.


## 2. OPERATION

### 2.1 Basic Controls and Digital Display


The V350 laminator features a digital display and control buttons for precise temperature management and mode selection.


- **Power Switch:** Located on the side or rear of the unit, turns the machine on/off.
- **Digital Display:** Shows the current temperature and operational status.
- **Temperature Buttons (Up/Down):** Adjust the laminating temperature.
- **Mode Button:** Cycles through cold laminating, single-sided heating, and double-sided heating modes.

# User-friendly Design




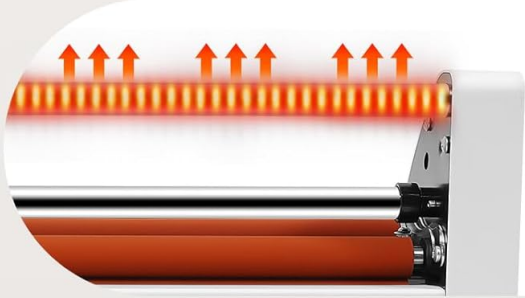
**Adjustment Tension**  
Ensure Flatness & Bonding Effect





**Adjustment Temperature Buttons**  
Working Temperature: 0-180°C/0-356°F





**Adjustment Heated Rollers**  
Applicable Material Thickness: 0.1-5mm




Figure 3: Control panel and adjustment features, including tension adjustment, temperature buttons, and heated rollers.

### 2.2 Laminating Modes

The V350 supports three primary laminating modes:

- **Cold Laminating:** For heat-sensitive materials. Operates at indoor temperature.
- **Single-Sided Film Covering:** Heats only the upper roller. This prevents hot melt from sticking to the lower roller when laminating materials narrower than the film, and reduces curling.
- **Double-Sided Film Covering:** Heats both upper and lower rollers for full encapsulation.



Figure 4: Illustration of the three available laminating modes.

## 2.3 Loading Film

1. Ensure the machine is powered off and cooled if previously used for hot laminating.
2. Place the laminating film rolls onto the designated spindles. Ensure the film unwinds correctly for the desired laminating direction.
3. Thread the film through the rollers according to the machine's design. Refer to the diagram on the machine or in the quick start guide for proper film path.
4. Adjust the film tension using the tension adjustment knobs to ensure smooth feeding and prevent wrinkles.

## 2.4 Adjusting Tension and Thickness

The V350 allows for stepless adjustment of paper feed thickness and film tension. These adjustments are crucial for achieving optimal laminating results and preventing issues like film wrinkling or uneven bonding.

- **Rubber Roller Clutch:** Engage or disengage the rubber roller clutch as needed for film loading or specific laminating tasks.
- **Film Tension Adjustment:** Use the tension knobs to control the tightness of the film as it feeds. Adjust until the film feeds smoothly without slack or excessive pull.
- **Paper Feed Thickness Adjustment:** The rollers can be adjusted to accommodate material thicknesses from 0.1mm to 5mm. Adjust the roller gap to match the thickness of your document and film combination.



Figure 5: The V350 laminator processing a document, demonstrating its capability for various film covering needs.

## 2.5 Safety Features

The V350 is equipped with safety protection mechanisms:

- **Automatic Cut-off:** In case of heating component failure, sensor failure, or temperature exceeding the upper limit, the machine automatically cuts off the heating power supply.
- **Alarm System:** An alarm will sound, and error categories will be displayed on the digital screen, indicating a protection state.
- These features protect both the machine and the user.

## 3. MAINTENANCE

### 3.1 Cleaning the Rollers

Regular cleaning of the laminator rollers is essential for optimal performance and to prevent film adhesion issues.

- Ensure the machine is powered off and completely cooled before cleaning.
- Use a soft, damp cloth to gently wipe the rollers. For stubborn adhesive residue, a specialized laminator cleaning solution or isopropyl alcohol can be used sparingly on a cloth, avoiding direct application to the rollers.
- Never use abrasive cleaners or sharp objects on the rollers.

### 3.2 General Care

- Keep the laminator free from dust and debris. Use a dry cloth to wipe the exterior.
- Ensure proper ventilation during operation to prevent overheating. The machine features heat dissipation holes for stable operation.



Figure 6: Heat dissipation holes ensure stable operation, and support feet prevent tipping.

### 3.3 Storage

When not in use, store the laminator in a dry, cool place, away from direct sunlight and extreme temperatures. Cover the unit to protect it from dust.

## 4. TROUBLESHOOTING

This section addresses common issues you might encounter with your WANLECY V350 laminator.

### 4.1 Machine Not Heating / Power Issues

- **No Power:** Check if the power cable is securely plugged into both the machine and the electrical outlet. Ensure the power switch is in the 'ON' position. Verify the outlet is functional.
- **Not Heating:** If the machine powers on but does not heat, ensure the correct laminating mode (single-sided or double-sided heating) is selected. Check the digital display for any error codes.

### 4.2 Film Wrinkling or Uneven Lamination

- **Incorrect Tension:** Adjust the film tension knobs. Too much tension can stretch the film, while too little can cause slack and wrinkles.
- **Improper Film Loading:** Ensure the film is loaded correctly and threaded straight through the rollers.
- **Uneven Roller Pressure:** Verify that the roller pressure is evenly distributed. If the pinch roller screws are adjustable, ensure they are set correctly to apply even pressure across the width of the document.
- **Temperature Too Low (Hot Lamination):** Increase the temperature slightly if the film is not adhering properly.

### 4.3 Machine Alarms or Error Codes

The V350 features a safety protection system. If an alarm sounds and an error category is displayed:

- **Identify Error:** Note the error code or message on the digital display.
- **Power Cycle:** Turn off the machine, unplug it, wait a few minutes, then plug it back in and restart.
- **Check for Obstructions:** Ensure no foreign objects are obstructing the rollers or heating elements.
- If the issue persists after these steps, contact customer support for further assistance.

## 5. SPECIFICATIONS

Detailed technical specifications for the WANLECY V350 350mm Hot Cold Roll Laminator:

Feature	Specification
Brand	WANLECY
Model	V350
Voltage	110V
Power	≤700W
Maximum Laminating Width	350mm (13.78 inches)

<b>Feature</b>	<b>Specification</b>
Maximum Laminating Length	Defined by film roll length
Roller Diameter	1 inch (2.5 cm)
Working Method	Cold laminating, Single-sided film, Double-sided film
Working Temperature	0-180 °C (Cold: indoor temp, Hot: 100-140 °C, Plastic: 140-180 °C)
Temperature Control Method	Electronic temperature control, Digital display, Automatic constant temperature protection
Applicable Film Types	BOPP, PTE, highlighted DBW, cross pattern film
Material Thickness	0.1-5mm
Item Weight	14.3 pounds (6.5 kg)
Product Dimensions	20.8 x 8.3 x 8.7 inches (53 x 21 x 22 cm)
Material Type	Metal
Sheet Size Supported	Up to A3
Technology	Full mute Technology

# Wide Applications

It is suitable for various types such as cross-patterned films.

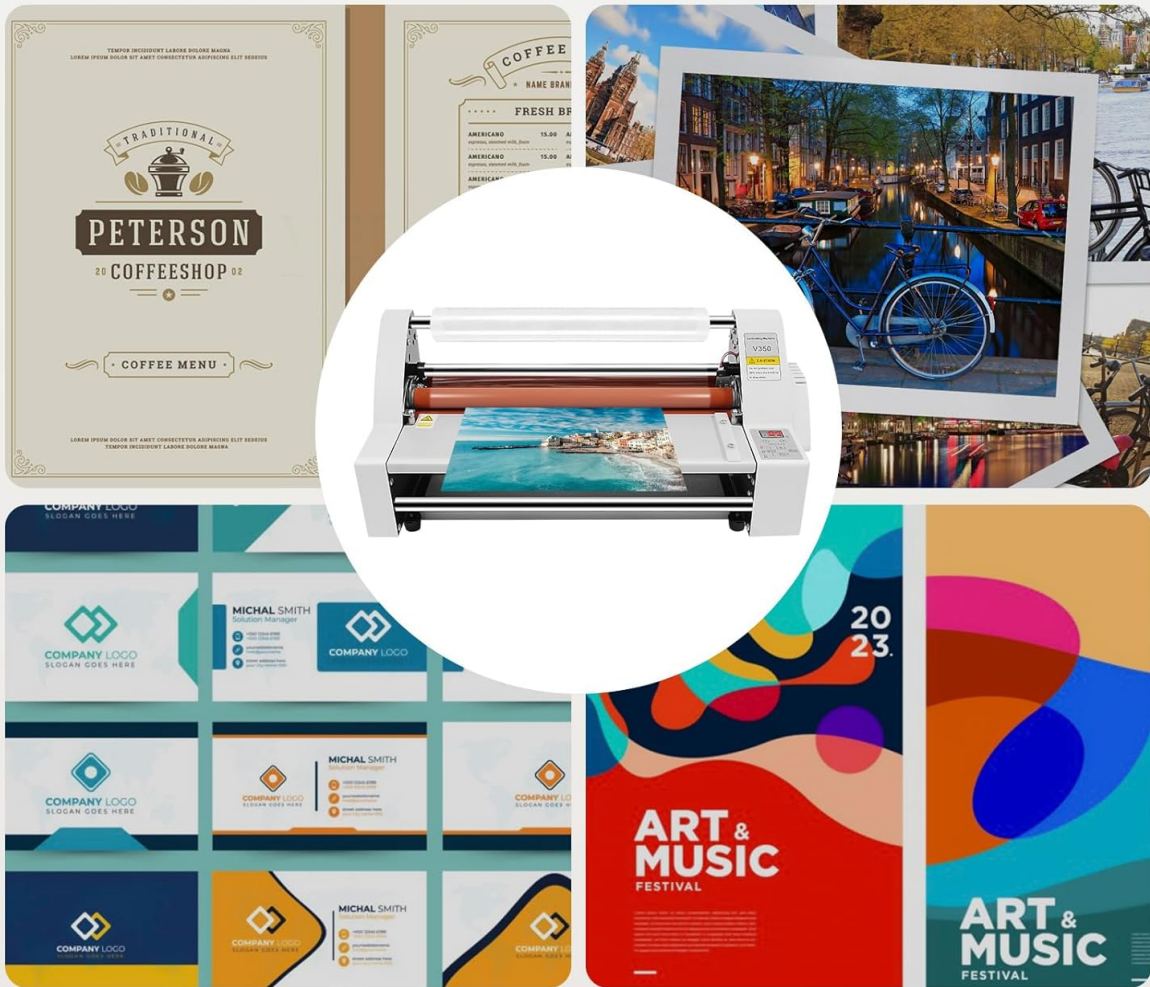


Figure 7: The V350 laminator is designed for high working efficiency with a power consumption of  $\leq 700W$ .

## 6. WARRANTY & SUPPORT

### 6.1 Warranty Information

Specific warranty terms and duration for the WANLECY V350 laminator may vary. Please refer to the warranty card included with your product or contact the seller/manufacturer directly for detailed warranty information.

### 6.2 Customer Support

For technical assistance, troubleshooting beyond this manual, or inquiries regarding parts and service, please contact your point of purchase or the WANLECY customer support team. Contact details are typically provided on the product packaging or the manufacturer's official website.

