

## BEILOCKERY FR-770

# BEILOCKERY FR-770 Continuous Sealing Machine User Manual

Model: FR-770

## 1. SAFETY INSTRUCTIONS

---

Please read all safety instructions carefully before operating the BEILOCKERY FR-770 Continuous Sealing Machine. Failure to follow these instructions may result in injury or damage to the equipment.

- Ensure the machine is connected to a grounded 110V 60Hz power supply.
- Do not operate the machine with wet hands or in damp environments.
- Keep hands and loose clothing away from moving parts and the sealing area during operation.
- The heating elements become very hot. Avoid direct contact to prevent burns.
- Always turn off and unplug the machine before cleaning, maintenance, or when not in use.
- Do not attempt to modify or repair the machine yourself. Contact qualified service personnel.
- Ensure adequate ventilation around the machine to prevent overheating.
- The machine is designed for sealing plastic bags, aluminum foil bags, and paper bags. Do not use it for other materials.

## 2. PRODUCT OVERVIEW

---

The BEILOCKERY FR-770 is an automatic horizontal continuous band sealer designed for efficient sealing of various packaging materials. It integrates continuous conveying, sealing, and optional printing functions to enhance packaging efficiency and quality.

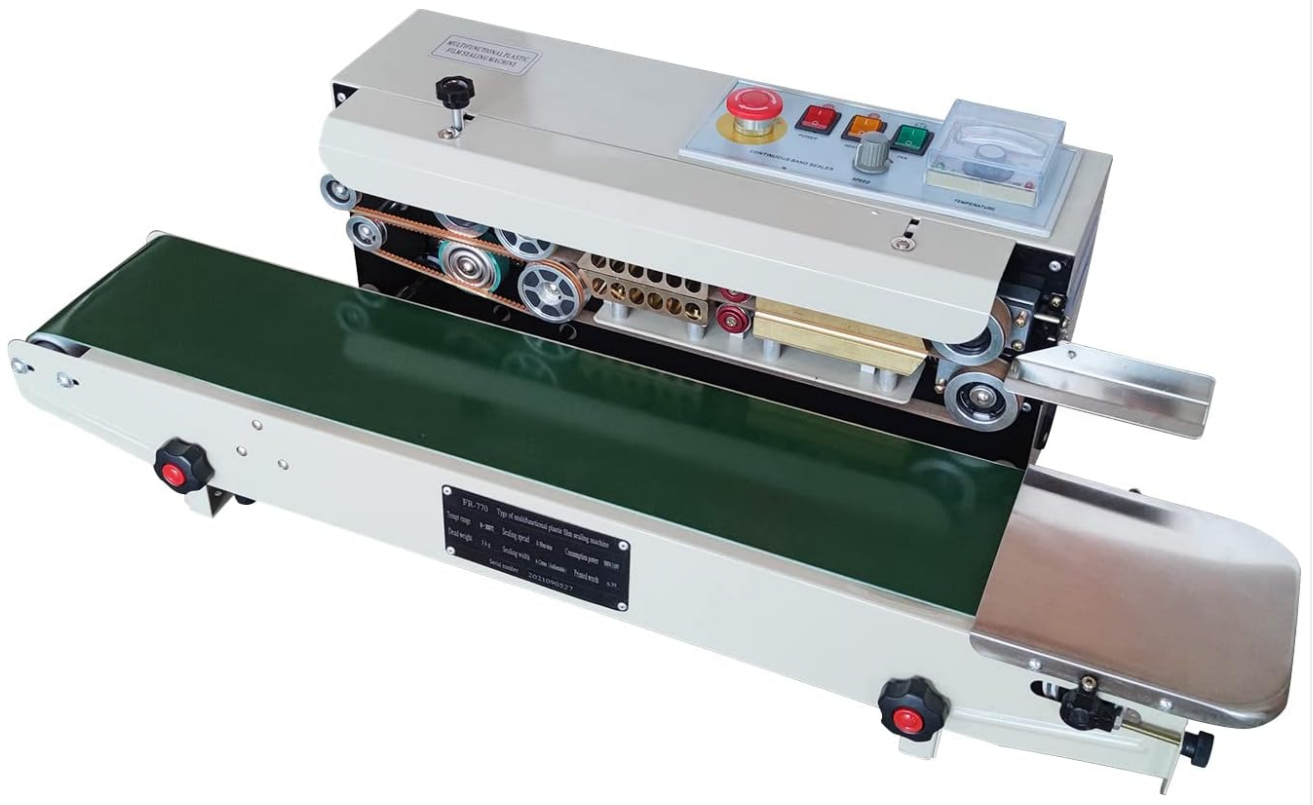


Image: The BEILOCKERY FR-770 Continuous Sealing Machine, showcasing its main components including the conveyor belt and control panel.

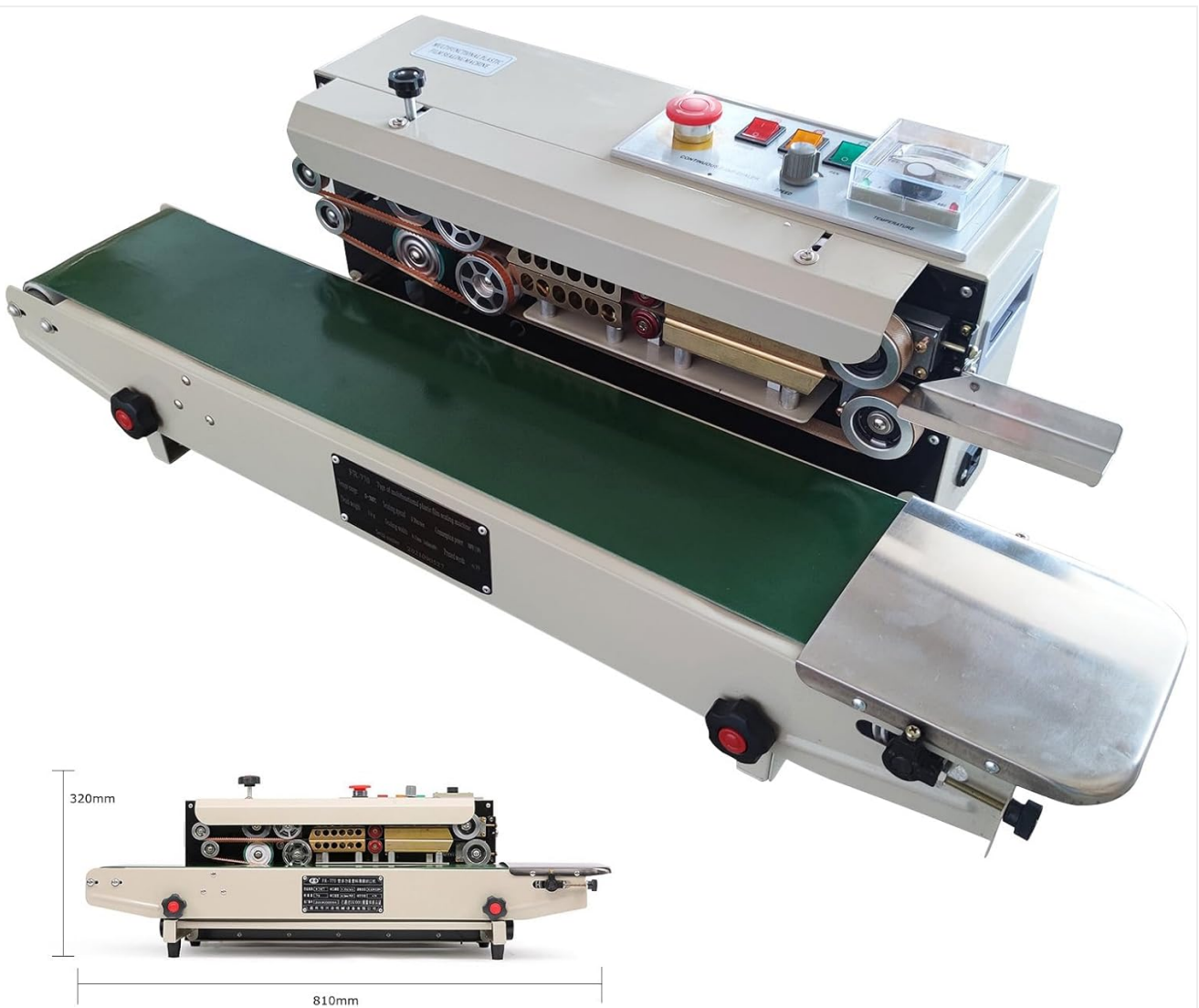


Image: The FR-770 sealing machine with key dimensions indicated, providing a visual reference for its size.

## 2.1 Key Components

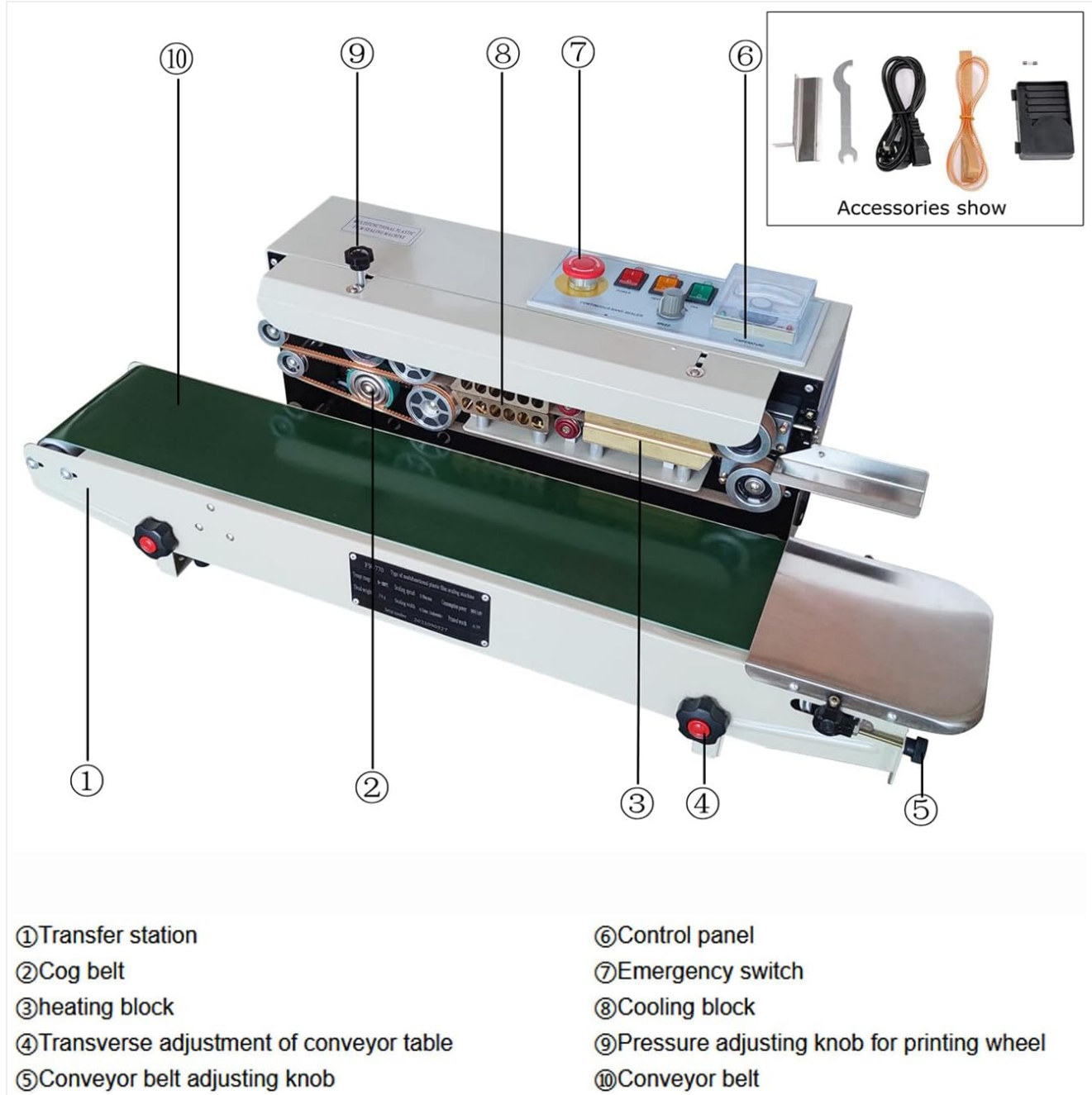


Image: A detailed diagram labeling the main components of the FR-770 machine for easy identification.

1. **Transfer Station:** Area where bags are placed for sealing.
2. **Cog Belt:** Drives the sealing mechanism.
3. **Heating Block:** Contains the heating elements for sealing.
4. **Transverse Adjustment of Conveyor Table:** Knob for adjusting the conveyor table position.
5. **Conveyor Belt Adjusting Knob:** Used to fine-tune the conveyor belt.
6. **Control Panel:** Houses power, heater, fan switches, speed, and temperature controls.
7. **Emergency Switch:** Immediately stops all machine operations.
8. **Cooling Block:** Cools the sealed area to ensure a firm seal.
9. **Pressure Adjusting Knob for Printing:** Adjusts pressure for optional printing.
10. **Conveyor Belt:** Transports bags through the sealing process.

## 2.2 Product Features

- **Multi-functional Operation:** Capable of continuous conveying, sealing, and printing in one integrated process.
- **Efficient Heat Dissipation:** Equipped with multiple heat dissipation holes to protect internal components and ensure stable, long-term operation.
- **Intelligent Temperature Control:** Features a constant temperature heating design with a digital display for precise temperature adjustment (0-300°C) based on bag material thickness.
- **High-Power Pure Copper Motor:** Ensures uniform heating and a firm, neat sealing effect.
- **Durable Construction:** Made with stainless steel components and a thickened, wear-resistant conveyor belt for extended lifespan.

### 3. SETUP

---

1. **Unpacking:** Carefully remove the machine from its packaging. Inspect for any shipping damage. Retain packaging for future transport or storage.
2. **Placement:** Place the machine on a stable, level surface capable of supporting its weight (approximately 19 KG). Ensure there is sufficient space around the machine for operation and ventilation.
3. **Power Connection:** Connect the power cord to a grounded 110V 60Hz electrical outlet. Ensure the emergency switch is disengaged (pulled out) before connecting power.
4. **Conveyor Belt Adjustment:** Adjust the height and position of the conveyor table using the transverse adjustment and conveyor belt adjusting knobs (items 4 and 5 in the diagram) to match the size and type of bags being sealed.

### 4. OPERATING INSTRUCTIONS

---

Follow these steps for effective and safe operation of your continuous sealing machine.

Your browser does not support the video tag.

Video: Demonstration of the BEILOCKERY FR-770 Continuous Sealing Machine in operation, showing the automatic sealing process of small bags.

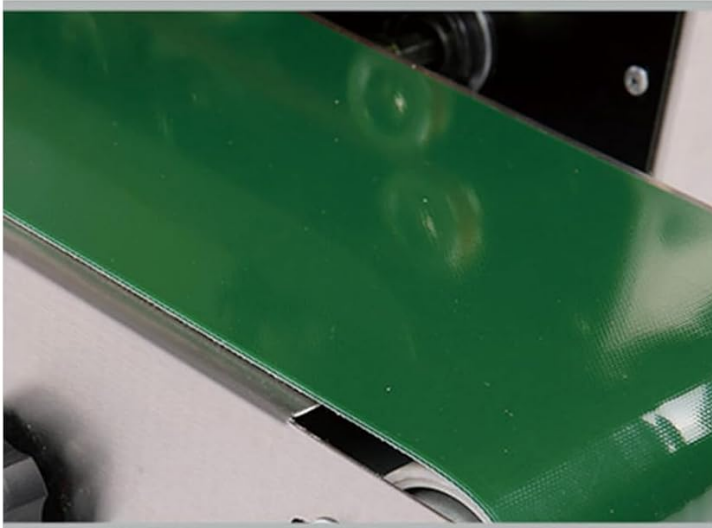
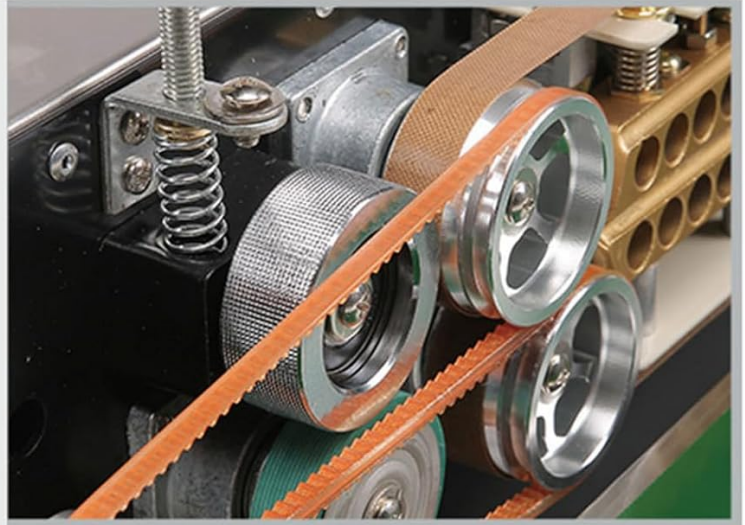
1. **Power On:** Engage the emergency switch (push in) and press the 'POWER' switch on the control panel. The digital display will illuminate.
2. **Set Temperature:** Use the 'TEMPERATURE' control knob and digital display to set the desired sealing temperature. Refer to the table below for general guidelines, and adjust based on your specific bag material thickness. Press the 'HEATER' switch to activate the heating elements. Allow several minutes for the machine to reach the set temperature.
3. **Adjust Speed:** Use the 'SPEED' control knob to set the conveyor belt speed. Start with a slower speed and increase as needed for optimal sealing.
4. **Activate Fan (Optional):** If prolonged operation or high temperatures are used, press the 'FAN' switch to activate the cooling fan, aiding in heat dissipation.
5. **Sealing Process:** Once the desired temperature is reached, carefully place the open end of the bag onto the conveyor belt, guiding it into the sealing area. The machine will automatically convey, seal, and discharge the bag.
6. **Adjust Printing Pressure (If applicable):** If using the printing function, adjust the pressure adjusting knob (item 9 in diagram) to ensure clear and stable printing.
7. **Power Off:** After use, turn off the 'HEATER' and 'POWER' switches. Allow the machine to cool down before unplugging.

# Product Details

03

### *Embossing wheel*

Equipped with high quality embossing wheel, stable printing, beautiful and solid sealing, clear printing.



### *Conveyor belt*

04

Equipment adopts thickened wear-resistant conveyor belt, more durable than the conveyor belt on the market, quality assurance of genuine equipment.

Image: Close-up of the digital display panel and controls, showing temperature and speed settings.

The machine features an intelligent digital display temperature controller, allowing for precise temperature adjustments. The conveyor belt speed can also be adjusted electronically for various packaging needs.

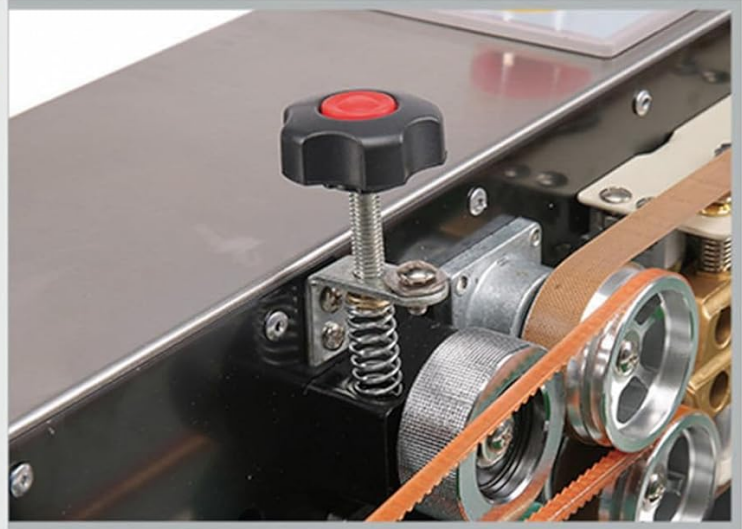
## 4.2 Heating and Cooling System

# Product Details

05

## *Pressure regulating button*

Adjustable printing pressure knob, can be adjusted according to the actual demand respectively printing pressure.



## *Stainless steel storage table*

06

Pure stainless steel storage platform, durable, metal texture, easy to operate.

Image: View of the pure copper heating and cooling blocks, designed for uniform heating and effective heat dissipation.

The FR-770 utilizes pure copper heating elements and high-quality cooling blocks to ensure a neat, firm, and uniform seal. The integrated heat dissipation holes protect internal components from overheating.

### **4.3 Embossing Wheel and Conveyor Belt**

# Product Details

07

## *Conveyor table regulation*

Conveying platform can be adjusted up and down, before and after the parameters can be adjusted according to the actual demand, improve the working efficiency.



08

## *Power protection design*

The power supply is equipped with overcurrent protection, when the power supply exceeds the normal use range, the fuse will automatically fuse to protect the machine.

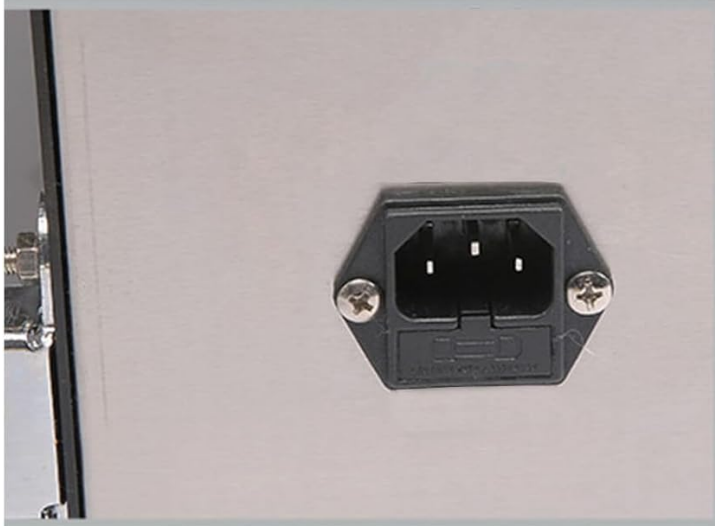


Image: The high-quality embossing wheel, used for stable and clear printing on sealed bags.

## Thermostatic control meter; Display at a glance

Continuous automatic film sealing machine is equipped with a constant temperature control table, which can be displayed at a glance and master the working temperature at any time to improve the production quality and efficiency!



Image: The durable, thickened, and wear-resistant conveyor belt, ensuring reliable transport of items during sealing.

The machine is equipped with a high-quality embossing wheel for stable and clear printing. The conveyor belt is thickened and wear-resistant, ensuring durability and consistent performance.

## 5. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your FR-770 sealing machine.

- **Cleaning:** Regularly clean the conveyor belt and sealing area to remove any residue or debris. Use a dry cloth or a slightly damp cloth (ensure machine is unplugged and cool) to wipe surfaces.
- **Belt Inspection:** Periodically inspect the conveyor belt and cog belts for wear, tears, or damage. Replace if necessary.

- **Heating Element Check:** Ensure the heating elements are clean and free from obstructions.
- **Lubrication:** Consult the manufacturer for specific lubrication points and recommended lubricants, if any.
- **Storage:** When not in use for extended periods, store the machine in a dry, clean environment, preferably in its original packaging.

## 6. TROUBLESHOOTING

This section addresses common issues you might encounter with the FR-770 sealing machine.

Problem	Possible Cause	Solution
Machine does not power on	No power supply; Emergency switch disengaged; Blown fuse	Check power connection; Engage emergency switch; Check and replace fuse if necessary.
Poor seal quality	Incorrect temperature setting; Incorrect speed setting; Worn heating elements; Improper bag alignment	Adjust temperature; Adjust conveyor speed; Inspect and replace heating elements; Ensure bags are properly aligned.
Conveyor belt not moving	Motor issue; Belt jammed; Speed setting too low	Check for obstructions; Increase speed; Contact service if motor fault.
Overheating	Fan not running; Blocked ventilation; Prolonged high-temperature operation	Ensure fan is on; Clear ventilation holes; Reduce operating temperature or allow cooling breaks.

## 7. SPECIFICATIONS

Detailed technical specifications for the BEILOCKERY FR-770 Continuous Sealing Machine.

Specification	Value
Model	FR-770
Sealing Width	6-12mm
Operation	Electronic Variable Speed
Sealing Length	Unlimited
Thermostat	Electronic Thermostat Control
Max Load on Conveyor	Under 5KG
Power Supply	110V 60Hz
Temperature Range	0-300°C
Motor Power	100W
Machine Dimensions (L*W*H)	81cm * 37cm * 32cm (approx. 31.9 x 14.6 x 12.6 inches)
Machine Power	500W
Weight	19KG (approx. 42 lbs)

Specification	Value
Sealing Speed	0-24m/min
Max Bag Thickness	0.02-0.8mm
Material	Stainless Steel

## 8. WARRANTY AND SUPPORT

---

Specific warranty information for the BEILOCKERY FR-770 Continuous Sealing Machine is not provided in this manual. For details regarding warranty coverage, terms, and conditions, please refer to the product documentation included with your purchase or contact the seller directly.

For technical support, spare parts, or service inquiries, please contact your authorized BEILOCKERY dealer or the customer service department through the contact information provided at the point of purchase.