



DTF-TUNNEL

**Toyoda Tunnel
Powder Applicator
and Dryer (32")**

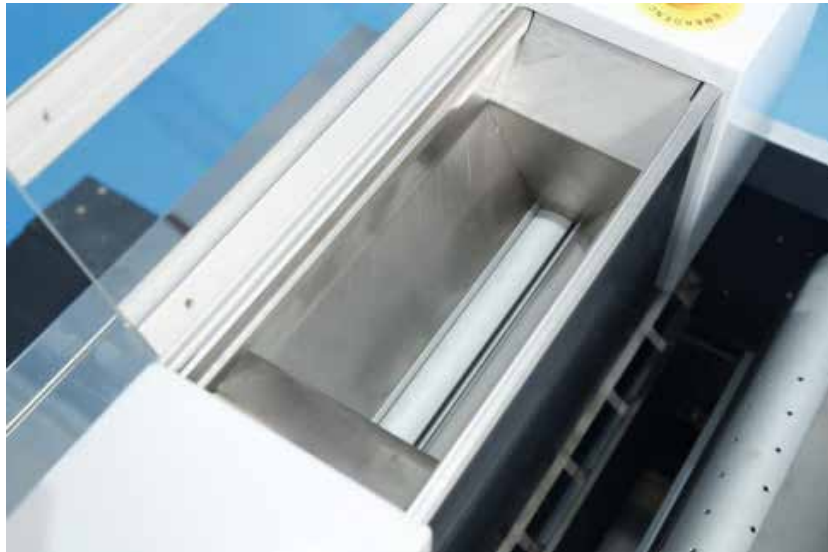
MANUAL

TABLE OF CONTENTS

| | |
|---|----|
| 1. Module one. Manual mode | 2 |
| 1.1. Dusting Function | 2 |
| 1.2. Shaking Function | 3 |
| 1.3. Fan Function | 3 |
| 1.4. Paper Feeding Function | 4 |
| 1.5. Heating Mode | 4 |
| 1.5.1. Smoke Purifier Purifier | 5 |
| 1.6. Paper Take-up Function | 6 |
| 2. Module Two. Instructions for Using the Auto Mode | 7 |
| 3. Module Three. Adjustable Parameter | 7 |
| 4. Module Four. Other Design Specifications | 8 |
| 5. Maintenance | 9 |
| 5.1. Filter Change | 9 |
| 5.2. Cleaning | 10 |

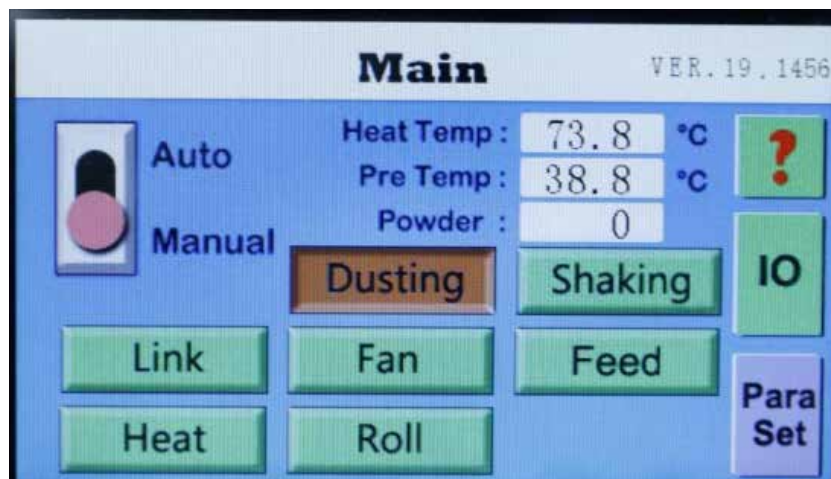
1. MODULE ONE. MANUAL MODE

1.1 DUSTING FUNCTION



The powder box is equipped with a heating tube, which is automatically energised when the machine is switched on to keep the hot melt powder dry.

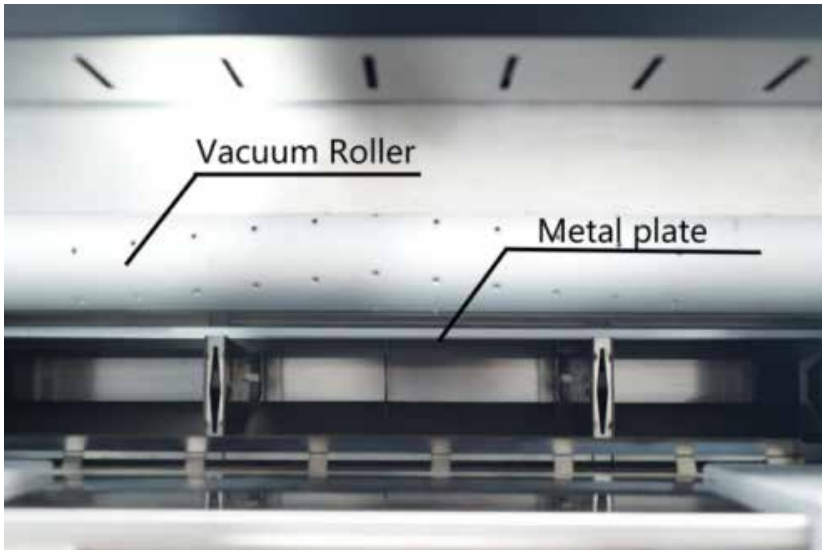
When using auto mode, the front sensor detects the film and is activated to start automatic powdering until the weight parameter of the hot melt powder reaches 80 or more. Press Powdering once more to switch off the function.



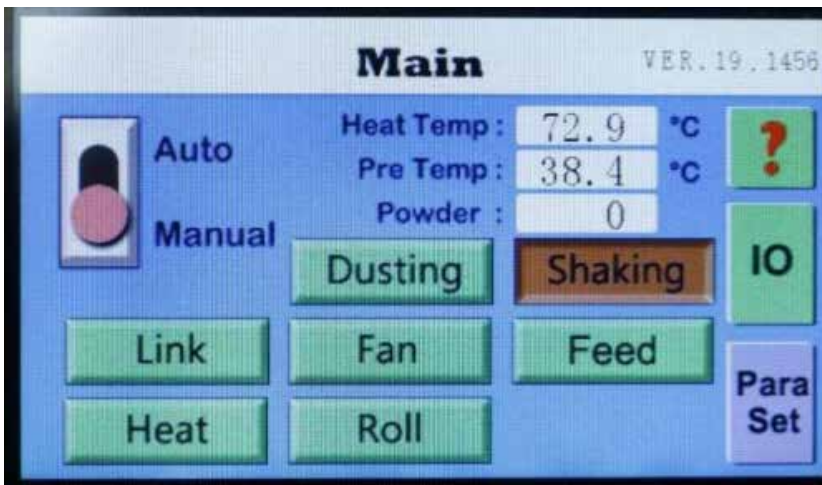
When using Link mode, the dusting function stops working.

Note *①: Link mode is used for the machine to automatically process the printed pattern until the end of the film.

1.2. SHAKING FUNCTION

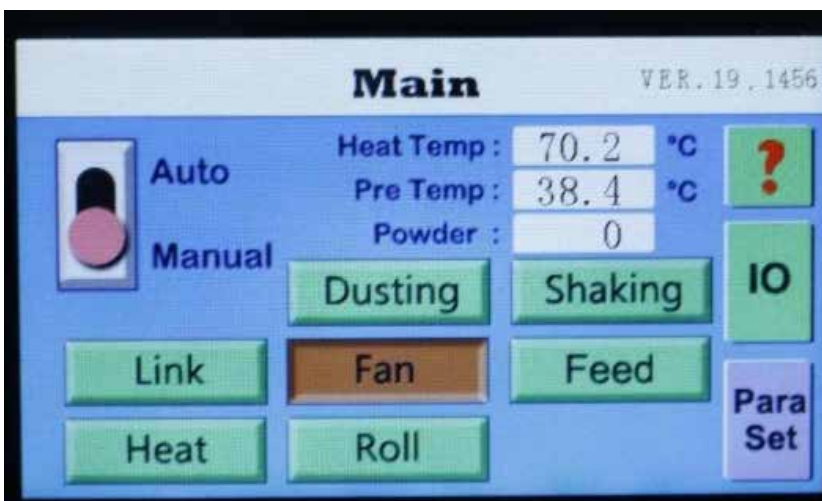


When using the **manual mode**, the shaking function is activated and the shaking paddle removes excess hot melt powder from the film at a extremely high frequency, pressing shaking again will stop the function.



The shaking function continues to work when using **Link mode**. Press shaking again to turn the function off.

1.3. FAN FUNCTION



When using the **manual mode**, the vacuum roller function is activated, attaching the film to the Vacuum roller, pressing Fan once more this function will stop being used.

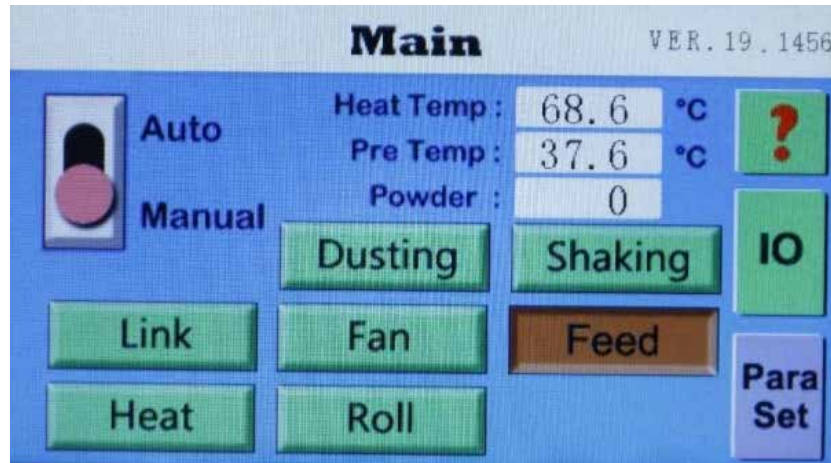
When using **Link mode** The suction roller function continues to work. Press Fan again to switch off this function.

1.4. PAPER FEEDING FUNCTION

When using the manual mode, pressing Feeding will activate the function and feed the film into the oven at an even speed, ensuring that every inch of the pattern is heated evenly. Pressing Feeding again will deactivate the function.

To operate in Auto mode, two criteria must be met :

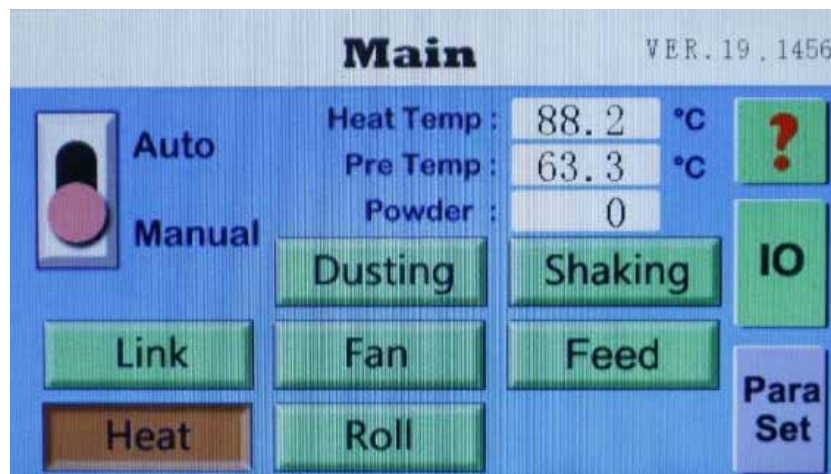
1. The Powder value must be displayed as 60 or higher.
2. The front sensor must detect the membrane.



*When using the Link mode, the Shake Powder function continues to operate. Press Feeding again to turn off this function.

1.5. HEATING MODE

When using the manual mode, the mesh belt heating function will be automatically activated to uniformly bake the film as it moves at a constant speed into the oven, ensuring that every inch of the pattern is evenly heated. Press Feeding again to turn off this function.





After activating Heating, the front preheating plate heating function will automatically turn on.

1.5.1 HEATING MODE

This smoke cleaning function is automatically activated when Heating is switched on

When using the Link mode, the heating function continues to operate. Press Heating again to turn off this function.

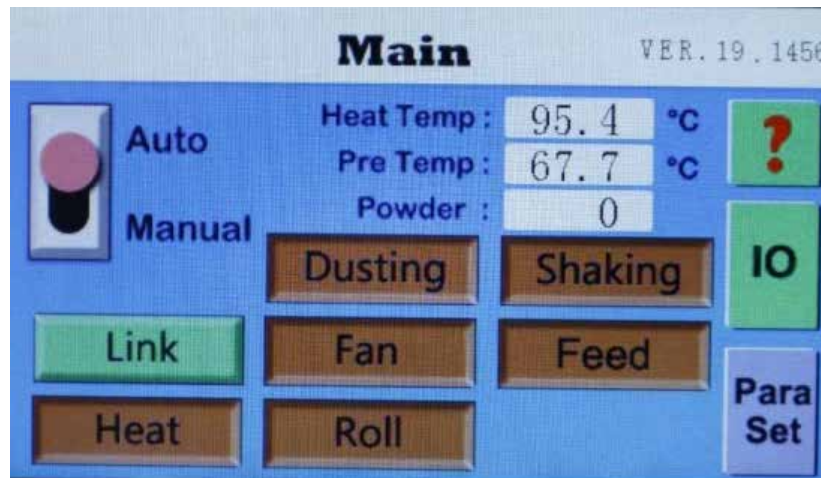
1.6. PAPER TAKE-UP FUNCTION



In **manual mode**, the roll function is activated, requiring the user to wrap the baked film from the bottom of the tension bar to the winding axis and secure the film with tape. The machine controls the speed of the winding according to the tension sensor.

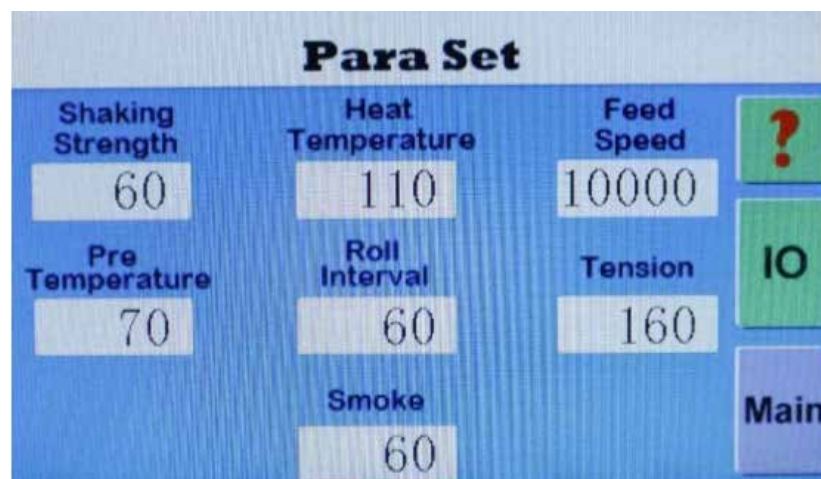
When using the **Link mode**, the take-up reel will regularly rotate at timed intervals, and the vacuum rear panel will open to maintain tension on the film.

2. MODULE TWO. INSTRUCTIONS FOR USING THE AUTO MODE.



When the film hanging from the printer is approximately 60cm long, open the 'Fan' function in advance and thread the film through above the front preheating plate then placing it on the vacuum roller. Then press 'Powdering'. When the weight parameter for the hot melt powder reaches 100, the 'Auto' mode of the powder shaker machine can be operated.

3. MODULE THREE. ADJUSTABLE PARAMETER.



Shaking Strength: Adjust the frequency of the Shake Powder blade rotation.

Heat Temperature: Adjust the temperature of the dryer.

Feed Speed: Adjust the speed of the mesh belt paper take-up.

Pre Temperature: Adjust the temperature of the front preheating plate.

Roll Interval: Adjust the working Interval of the suction drum.

Smoke : Adjust the size of the air purifier's fan.

4. MODULE FOUR. OTHER DESIGN SPECIFICATIONS.

Powder-free return device

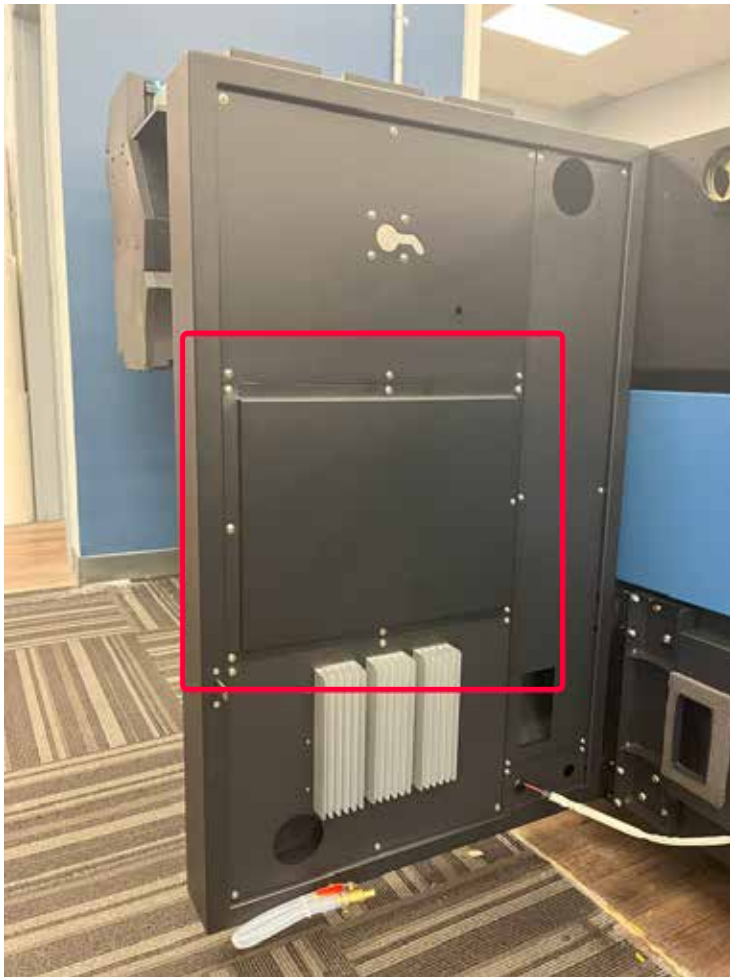


Limiting the fall of hot melt powder by adjusting the width of the there two parts.

5.1. MAINTENANCE - FILTER CHANGE

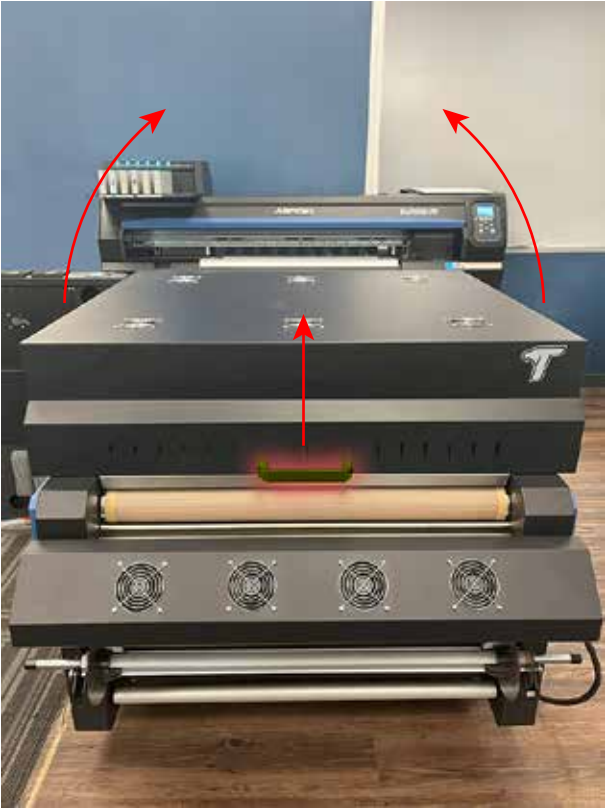
Change the shaker filters every 3-4 months or if you see or smell smoke to ensure proper airflow and maintenance (based on a 8-9 hours a day of usage).

These are located on the left side of the shaker. Pull open the door and you will see a panel. Unscrew the panel and you will see the filters. (see attachments)



5.2. MAINTENANCE - CLEANING

Lift shaker hood and wipe down the inside border of the lid with a dry cloth to ensure no buildup of powder. This should be done daily or as needed.



5.2. MAINTENANCE - CLEANING

On the left side of the shaker, pull open the door and wipe down these 5 openings. This should be done daily or as needed.



As the door is opened for daily maintenance, check this opening for a build-up of oil. Oil should be drained into a bucket through the spout if you see any build-up. This residue is not drain safe and should be disposed of in cooperation with your local environmental guidelines.

