



Air Cushion Machine Operation Manual

Silver Pack Mk2



The Silver Pack Mk2 is a compact air cushion machine that makes bubble film, quilt, cushions and tubes on demand at speeds of up to 10 m/min. It has a pre-set film length function and works with our bubble winder and trolley.

Please read this manual carefully before installing and using the machine, and keep it safe.

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1.0 About this manual

This manual helps you set up and use the Silver Pack Mk2, change its wearing parts and deal with basic faults.

For anything it does not cover, contact us using the details on the back page.

2.0 Safety instructions

2.1 Before you use the machine

- Read and make sure you understand this manual.
- Make sure the voltage switch matches your power supply (see Section 4.1) and the machine is connected to a safety earth.
- Use the machine only for making air cushions, and use the inflated cushions only as packaging.



Warning

Improper earthing may cause an electric shock.

Do not open the machine cover except as shown in this manual. Only authorised technicians or qualified, trained maintenance staff should remove it.



Warning

The heating blocks, belts and seal line are hot. Do not touch them while the machine is running or until it has cooled down.

Keep fingers, hair, jewellery and clothing away from the rollers and belts when loading film and while the machine is running.

2.2 Emergency stop

In an emergency, press the emergency stop switch on top of the machine (Fig. 1).





2.3 Before maintenance or repair

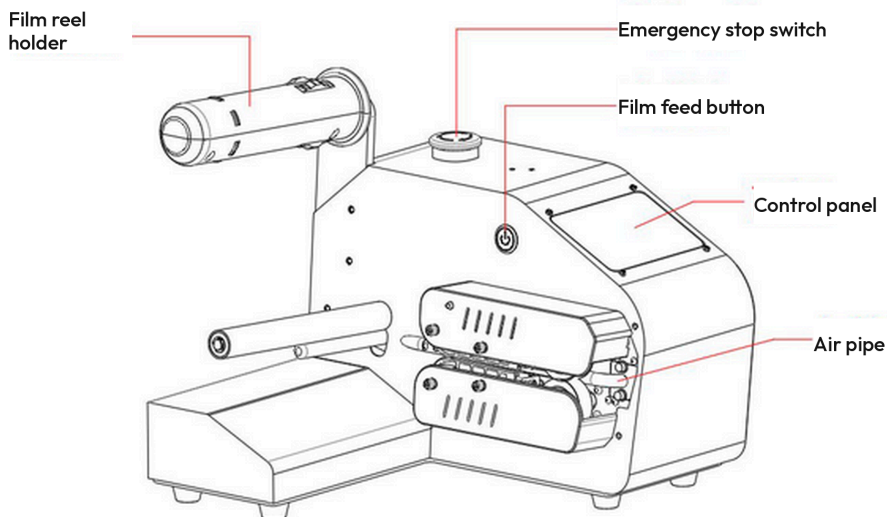
- Switch off the machine and unplug it from the power supply.
- Let the machine cool for at least 5 minutes.

Important: the Silver Pack Mk2 is designed for use with Forever Green Packaging film. We support it for as long as it is being used with our film. See Section 9.0, Warranty and support.

Do not attempt any repair or modification other than those described in Section 7.0, Maintenance. Repairs should be carried out by us, an authorised distributor or maintenance staff trained by us.



3.0 Machine parts



(Fig. 1)

Film reel holder. Holds the film roll.

Emergency stop switch. Stops the machine at once.

Film feed button. Feeds the film into the machine.

Control panel. Used to set temperature, air volume, length and speed, and to start and stop the machine (see Section 6.0).

Air pipe. Inflates the film and carries it to the sealing belts.



4.0 Specification

Item	Value
Model	Silver Pack Mk2
Input voltage	220 V (switchable to 110 V)
Rated power	200 W
Speed	Up to 10 m/min
Film core size	2 inches (about 51 mm)
Film widths	200 mm and 400 mm
Dimensions (L × W × H)	340 × 320 × 320 mm
Net weight	6.9 kg
Gross weight (with packaging)	8.3 kg



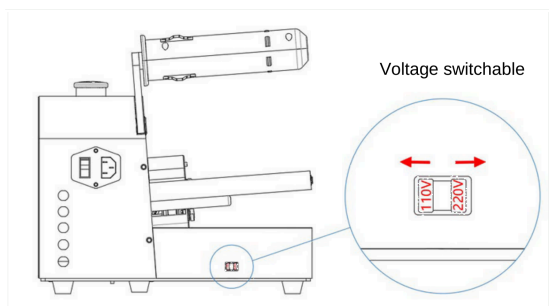
4.1 Setting the voltage

The machine can run on 110 V or 220 V. Slide the voltage switch shown in Fig. 2 to match your power supply **before you plug the machine in**.



Warning

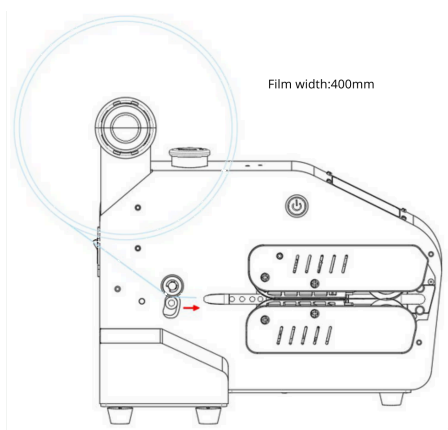
The voltage setting must match your supply. A wrong setting may damage the machine or stop it starting.



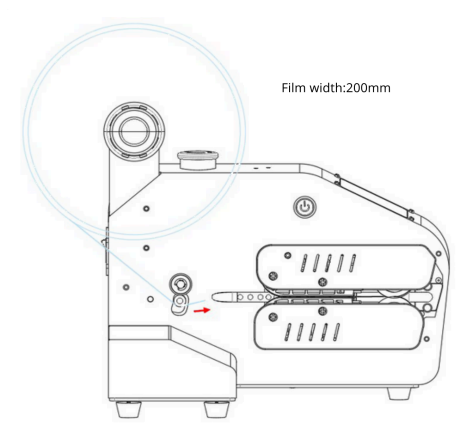
(Fig. 2: voltage switch)

5.0 Loading the film

Fit the film roll on the film reel holder and feed the film down through the guide into the air pipe, following the blue line and red arrow in the figures. Then press the film feed button while gently pulling the film from the front of the machine.

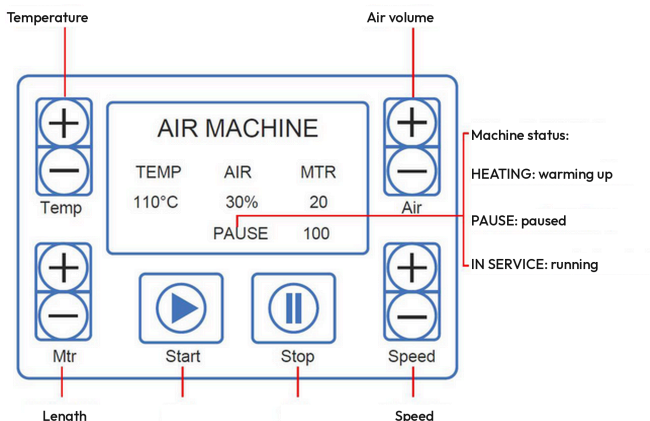


(Fig. 3a: 400 mm wide film)



(Fig. 3b: 200 mm wide film)

6.0 Control panel



(Fig. 4)

- **Temp + / -** raises or lowers the sealing temperature.
- **Air + / -** raises or lowers the air volume.
- **Mtr (Length) + / -** sets the length of film to make, in metres. The machine stops when it has made that length.
- **Speed + / -** sets how fast the machine runs, up to 10 m/min.
- **Start** starts the machine. **Stop** pauses it.

The status line on the screen shows **HEATING** while the machine warms up, **PAUSE** when it is stopped, and **IN SERVICE** when it is running.



6.1 Recommended settings

Different films need different temperature and air volume settings. Use these as starting points and adjust to suit your film.

Film	Size (mm)	Temperature (°C)	Air volume (%)
200mm Cushion	200 × 100	105	40–50
200mm Cushion	200 × 200	105	55–65
400mm Bubble (8 Row Bubble Quilt)	400 × 170	105	90–100
400mm Quilt (4 Row Quilt)	400 × 320	105	60–80

These settings are for reference only. The best temperature may change with the season or the operating environment.

7.0 Maintenance

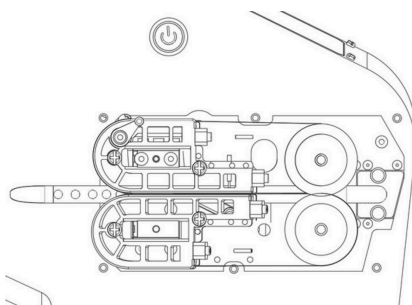


Warning

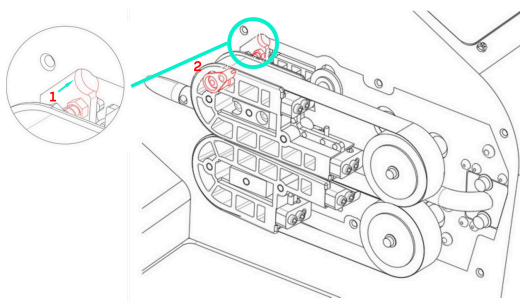
Before maintenance, switch off the machine, unplug it and let it cool for at least 5 minutes.

7.1 Belt replacement

1. Switch off the machine and let it cool for 5 minutes.
2. Remove the cover of the heating block (Fig. 5).
3. Pull the heating block in the direction of arrow 1 until the nut drops into the clamping slot.
4. Take off the old belt and fit the new one.
5. Turn the maintenance lever in the direction of arrow 2 to reset the heating block.
6. Refit the heating block cover.



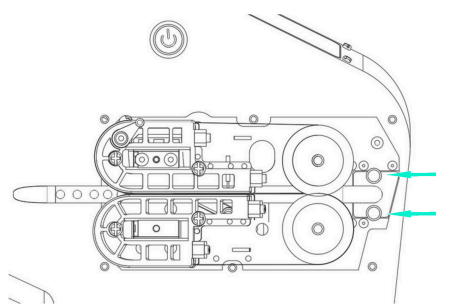
(Fig. 5a: heating blocks)



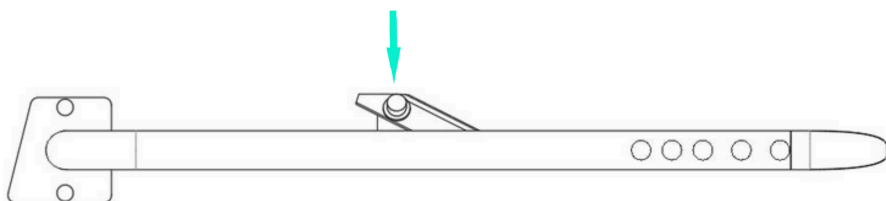
(Fig. 5b: moving the heating block and resetting the lever)

7.2 Blade replacement

1. Remove the two screws shown by the arrows in Fig. 6a, then pull out the air pipe.
2. Take care: a sealing ring is fitted at this position. Do not lose it.
3. Remove the screw that holds the blade (arrow in Fig. 6b) and replace the blade.
4. Make sure the tip of the blade sits in the slot under the air pipe.
5. Refit the air pipe and tighten the two screws.



(Fig. 6a: the two air pipe screws)



(Fig. 6b: the blade screw)



8.0 Fault messages

If a fault message appears, follow the steps below in order. Switch off and unplug the machine before opening the bottom cover.

Temperature probe fault

1. Press **Start/Stop** to clear the alarm and restart the machine. If it now works normally, no further action is needed.
2. Open the bottom cover, push the plug of the temperature sensor cable back in firmly, and restart the machine.
3. If the fault remains, replace the temperature sensor cable (it connects to the lower heating block) and restart the machine.

Fan fault

1. Press **Start/Stop** to clear the alarm and restart the machine. If it now works normally, no further action is needed.
2. Open the bottom cover, push both plugs of the blower back in firmly, and restart the machine.
3. If the fault remains, replace the fan and restart the machine.

Heating system fault

1. Press **Start/Stop** to clear the alarm and restart the machine. If it now works normally, no further action is needed.
2. Open the bottom cover, push the plug of the heating block back in firmly, and restart the machine.
3. If the fault remains, replace the heating block and restart the machine.

P4 Film not found

The machine cannot detect the film roll.

1. Check whether the film has run out or has come out of the air pipe.
2. Check that the film roll is touching the sensor wheel (probe) and that the probe is resting against the air pipe.
3. Open the bottom cover, push the plug of the sensor wheel back in firmly, and restart the machine.

For any other fault, please contact us as soon as possible.





9.0 Warranty and support

Purchased machines

Machines purchased from Forever Green Packaging carry a **1 year warranty from the install date**. Parts needed after the first year may be chargeable.

Machines on loan

Machines supplied on loan are serviced at no charge for as long as the loan continues.

Film

The Silver Pack Mk2 is designed for use with Forever Green Packaging film. **We support it for as long as it is being used with our film.** Using other film may affect seal quality and is outside our support.

Getting help

If you have a problem that this manual does not solve, contact us using the details on the back page, and have your machine model and a description of the fault ready.





Need help? Get in touch

Website: forevergreenpackaging.com

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Forever Green Packaging is registered in England and Wales



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