



## OPERATING INSTRUCTIONS

Bubble wrap machine

LPM16



Please read this manual before using the product and follow the instructions it contains!

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## FOREWORD

Congratulations on the purchase of your new bubble wrap machine. The LPM16 is made of high quality materials, specially designed for durable and reliable use. For your own safety and for the correct operation of the air cushion machine, be sure to read and follow these operating instructions before using it. Keep these operating instructions.

Check the LPM16 for transport damage. Damaged air cushion machines must not be put into use. The LPM16 is used to inflate and seal air cushion material for shipping items. Improper handling may result in injury or damage to the machine.

TecMaschin is not liable for damage resulting from improper use of the air cushioning machine, or failure to observe the specifications and rules of conduct in this operating manual. The operator / user must ensure that the LPM16 is used correctly by trained and authorized personnel.

## SAFETY INSTRUCTIONS

- Observe the safety instructions and all warning signs affixed to the device.
- Use only the bubble wrap described in these instructions. Other films may damage or stick to the machine.
- Unplug the machine from the electrical outlet before performing any maintenance. If previously operating, wait until the heating plate has cooled down.
- Switch off the air cushion machine if you are not going to use it for a long time.
- Operate the machine only in a dry environment. Moisture will affect the operation and may cause damage to the unit.
- Do not use the device with wet hands.
- Do not switch on the device while the cover is removed.
- Keep loose clothing, jewelry and hair away from the film feeder.
- Place the device on a level surface to use it.
- Make sure the power cord is intact and no wire parts are visible.
- Operate the unit only when fully assembled and bubble wrap is inserted.
- This unit is suitable for small to medium sized packing stations with moderate packing material requirements.
- Modifications and changes to the device not approved by the manufacturer will void the warranty.

## TECHNICAL DATA

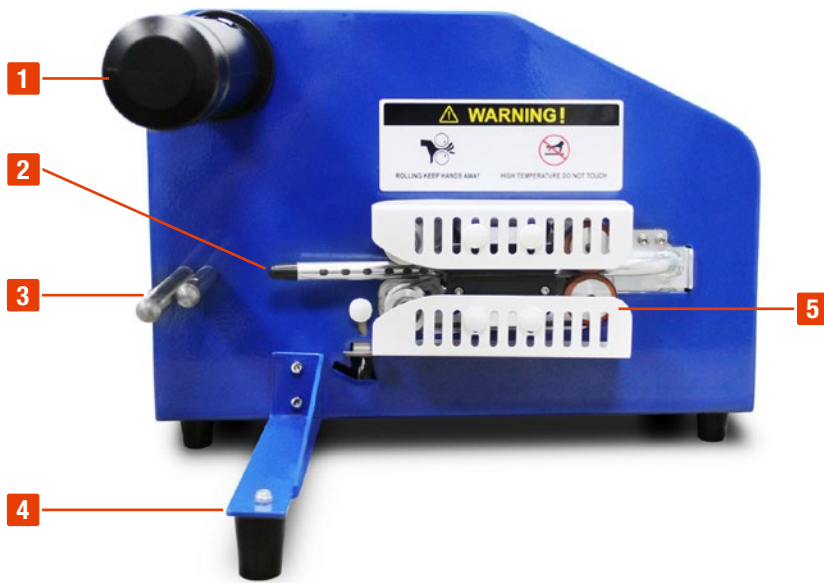
### MACHINE

Type	Unit	Value
Width	mm	167
Depth	mm	370
Height	mm	250
Weight	kg	8.5
Diameter roll suspension	mm	48
Running speed	m/min.	9 - 16
Sound pressure level	db	70
Electric current	V	230
Frequency	Hz	50 - 60
Rated power	W	200

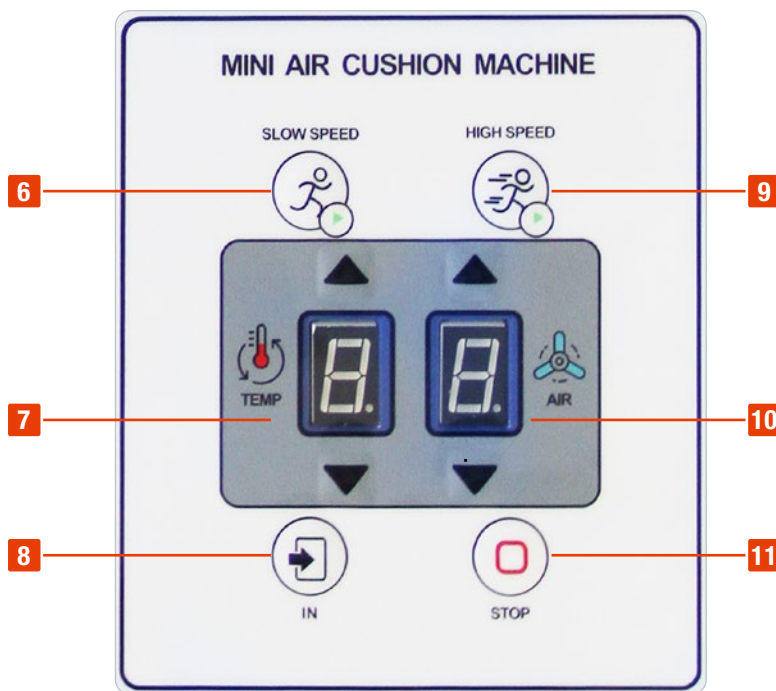
### COMPATIBLE AIR CUSHIONS

Type	Unit	Value
Min. material thickness	µm	15
Max. material thickness	µm	30
Max. roll length	m	1500
Film material		PE, HDPE, LDPE, PA

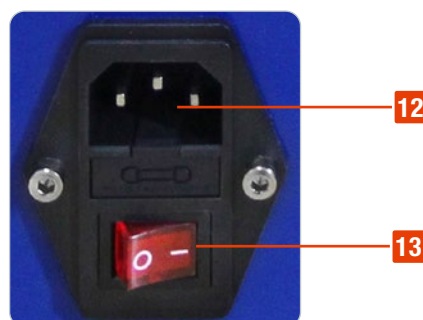
## OVERVIEW OF MAIN COMPONENTS



Number	Name
1	Roll suspension
2	Air supply
3	Guide rods
4	Pedestal
5	Film feed

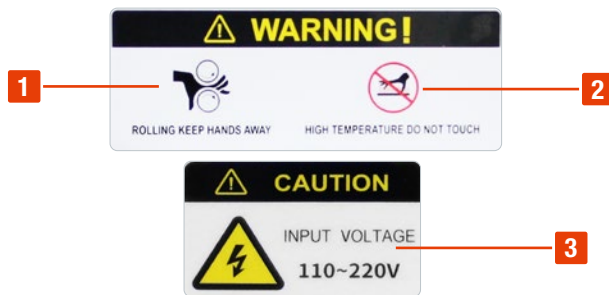


Number	Name
6	Slow speed
7	Temperature setting
8	Film feed button
9	Stop button
10	Air pressure setting
11	High speed



Number	Name
12	Power supply
13	On / Off toggle switch

## SAFETY DEVICES AND WARNING SIGNS



Number	Name
1	Risk of crushing
2	Do not touch! High temperature
3	Current Voltage

## OPERATING INSTRUCTIONS

### BEFORE FIRST USE

1. Mount the stand by screwing in the enclosed screws with a hexagonal wrench.
2. Screw the guide rods into the threads provided. The long guide rod is screwed into the left thread.  
Tighten it by inserting the Allen key into the hole of the guide rod and turning it.
3. Screw the roller suspension onto the unit.

### INSERTING THE BUBBLE WRAP


1. Place the roll on the roll suspension so that the end is unrolled at the top.
2. Thread the film behind the large guide bar and then between the guide bars.
3. Place the opening of the film over the air supply and into the film feeder.
4. Switch on the device and press the foil feed button until the foil is completely between the bars and advanced to the mark (see image). Meanwhile, pull lightly the film.



Image: Foil with marking

### OPERATION

1. Plug in the unit and press the rear toggle switch to turn it on.
2. Insert the bubble wrap.
3. Set the temperature and air pressure.
4. Let the machine stand for a short time until it is at operating temperature.
5. Press SLOW SPEED or HIGH SPEED to start the filling process.
6. Press STOP to stop the process.
7. Tear off the film at the perforation.
8. Switch off the device if it stands still for a long time.

Type	Size	Speed	Temperature	Air pressure
Big air cushion 	20 x 10 cm	slow / high	8 - 9	4



Test through different parameters if you are not satisfied with the result. Welding depends on humidity, roll size, material thickness, plastic, heat, speed and compressed air.

## REGULAR INSPECTIONS

Maintain the device at regular intervals. When doing so, switch off the device and make sure to let the heating element cool down. It should no longer be hot 5 to 10 min. after use.

Carry out a weekly visual inspection. Pay particular attention to the air supply, the film feeder, the heating element, the guide rods and the suspension.

### CLEAN THE FILM FEEDER EVERY SIX MONTHS:

1. Disassemble the cover of the film feeder by unscrewing the screws on it.
2. Press down the left lever and let it engage to the left.
3. Carefully press the left roll of the tape feeder inwards to relieve the guide tapes and remove it.  
It may be necessary to loosen the screws slightly from the inside to do this.
4. Remove the tube for the air supply by loosening the screws on the right side.
5. Clean all components with a damp cloth.
6. Remove any film residues that may have settled.
7. Reassemble everything in reverse order when nothing is damp anymore.

## TROUBLESHOOTING

Problem	Cause	Solution
The film does not drag	The infeed is incorrectly adjusted	Loosen the screws in the housing a little bit
	The guide rails are loose	Screw the guide rails tightly
	The film is threaded incorrectly	Thread the film correctly around the guide rails
	The tape at the infeed is wavy	Replace the tape
	The tape is not completely on the guide	Push it completely onto the guide of the feeder
The air cushions are not welded	The temperature is set too low	Set the temperature higher
	The machine is not yet at operating temperature	Let the machine stand for a while
	The speed is too high	Use the lower speed
The air cushions are not filled enough	The air pressure is set too low	Set the air pressure higher
	The infeed speed is too high	Use the lower speed

## WARRANTY

The warranty of one year from the date of invoice covers material, manufacturing and construction defects. Damages, which are due to natural wear and tear, improper handling or unauthorized modification are not covered by the warranty.

# UKCA Declaration of Conformity

The manufacturer

**TOPREGAL UK Ltd.**  
**Carlton Drive Crumlin**  
**Gwent NP11 4EA**

hereby declares that the following product

Product name:

**TecMaschin**  
**Bubble wrap machine**

Type:

**LPM16**

Serial number:

**LPM16-1000000000 - LPM16-9999999999**

that the equipment is in conformity with the following relevant UK legislations and applied standards:

**Supply of Machinery (Safety) Regulations 2008**  
**Electrical Equipment (Safety) Regulations 2016**

**EN ISO 12100**  
**EN 60204-1**

Name and address of the person who is authorized, compile the technical documentation:

TOPREGAL UK Ltd.  
Carlton Drive Crumlin  
Gwent NP11 4EA



Place: Crumlin UK  
Date: 15.04.2021

Juergen Effner  
Chief Executive Officer

# TECMASCHIN

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