



GROUPE SEFMAT

**RIPACK®**

# INSTRUCTION MANUAL

**TURBOPACK**



**YOUR PROTECTION  
BY EXCELLENCE**

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# SOMMAIRE

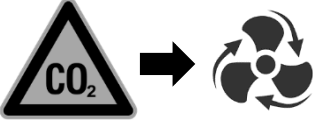








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**Users of the TURBOPACK® must read this user's guide completely before the first use.**

	<p>Do not use this appliance in regulated zones where there is a specific risk of fire or explosion. Comply with local safety regulations.</p>
	<p>Do not use the appliance to shrink plastic film on a floor made of combustible materials or with waste (wood, plastic, etc.).</p>
	<p>Limit a working zone that is large enough to ensure that the face of column is always at a minimum distance of 1.5 m within this zone. Post signs to limit access to non-essential personnel..</p>
	<p>Make sure there are no leaks from the fittings and inspect the pipe for cracks or loose connections.</p>
	<p>Always have a suitable fire extinguisher of an appropriate size within reach.</p>
	<p>Never wear garments that are easily flammable such as nylon or similar fabrics.</p>
	<p>Wear gloves when using the appliance.</p>
	<p>Maintain careful surveillance for at least 2 hours after shrinking.</p>
 <p><b>PROPANE</b></p>	<p>Check that the safety valve fits the <b>PROPANE</b> gas cylinder correctly.</p>

# SAFETY PRECAUTIONS

	<p>This appliance, like all other gas appliances, consumes air and produces combustion fumes that contain CO<sub>2</sub> and CO. Exposure to high levels of CO gas is lethal. Make sure there is sufficient ventilation in accordance with the amount of time the appliance is used.</p>
	<p>This appliance is meant <b>exclusively</b> for professional use.</p>
	<p>In operation, this appliance produces a flame. Do not point the flame Towards: yourself, other persons or animals, the gas cylinder, the hose, or flammable materials.</p>
	<p>After using the system, a burn risk exists until the column and over-head reflector cools.</p>
	<p>Before using for the first time, check that all parts are working properly and have not been damaged in transit.</p>
	<p><b>Do not stay on a fixed position in front of the product or pallet to be packed.</b></p>
	<p>Close the valve of the gas cylinder when not in use. A safety valve system cuts off the gas supply in the event that the hose breaks or tears. This mechanism must never be blocked or forced.</p>
	<p>Press lightly on both handles to purge the gas pipes after each shutdown. An automatic safety device cuts off gas supply and the flame as soon as a trigger is released. This safety device must never be blocked.</p>
	<p>A hot-air balloon effect may occur due to the heat that rushes into the cover when it shrinks. Keep your distance to prevent the LDPE cover from sticking to the column.</p>

# TECHNICAL CHARACTERISTICS

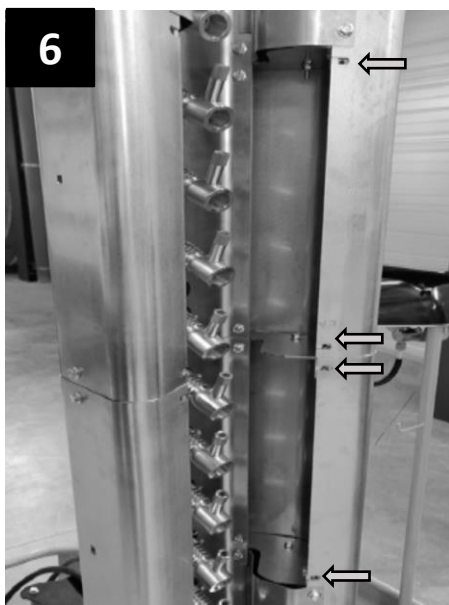
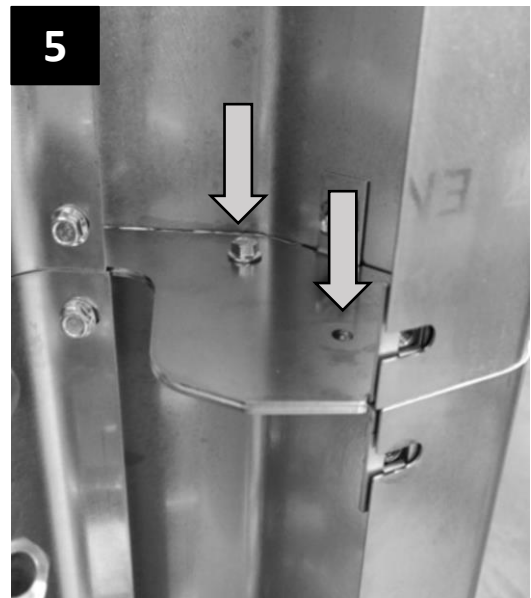


	<b>800</b>	<b>1200</b>	<b>1600</b>	<b>2000</b>	<b>2400</b>	<b>3200</b>
Energy developed	75 kW	110 kW	143 kW	177 kW	210 kW	280 kW
Heating power	64,500 Kcal (255 957 BTU's)	94,500 Kcal (375 006 BTU's)	122,500 Kcal (486 119 BTU's)	153,500 Kcal (609 137 BTU's)	181,000 Kcal (718 266 BTU's)	240,500 Kcal (954 381 BTU's)
Consumption at 100 %	5,5 kg/h (11,55 lbs./h)	8 kg/h (16,80 lbs./h)	10,5 kg/h (22.05 lbs./h)	13 kg/h (27,30 lbs./h)	15 kg/h (31,50 lbs./h)	20 kg/h (42,00 lbs./h)
Weight empty	94 kg (206 lbs)	104 kg (228 lbs)	112 kg (245 lbs)	122 kg (268 lbs)	131 kg (288 lbs)	150 kg (329 lbs)
Maximum shrinking height	80 cm (2,62'')	120 cm (3,94'')	160 cm (5.25'')	200 cm (6,56'')	240 cm (7,88'')	320 cm (10,5'')
Total height	130 cm (4,26'')	135 cm (4,43'')	175 cm (5.74'')	215 cm (7,05'')	255 cm (8,36'')	335 cm (10,99'')
Optional cap deflector	No	No	Yes	Yes	Yes	No
Height under cap deflector (mm)			Mini 600 Maxi 1600	Mini 600 Maxi 2000	Mini 1000 Maxi 2400	
Closing a low heating zone (Please contact us)	On 40 cm	On 60 cm	On 40cm	On 40cm	On 60cm	On 60cm
Delivery mode	mounted on pallet 100x120 cm	mounted on pallet 100x120 cm except cap deflector	mounted on pallet 100x120 cm except cap deflector	mounted on pallet 100x120 cm except cap deflector	Column to be mounted on pallet 100x120 cm + box on 2 half-pallets	Column to be mounted on pallet 100x120 cm + box on 2 half-pallets
<b>Gas used</b>	<b>PROPANE</b>					
Number of cylinders	1 cylinder minimum		2 cylinders minimum			3 cylinders minimum
Floor dimensions	120 x 110 cm (3.94x3.61'')					
Width of passage around the pallet	140 cm (4.59'')					
Operating pressure	1,5 to 2,5 bar					

# COLUMN ASSEMBLY (2400 - 3200)



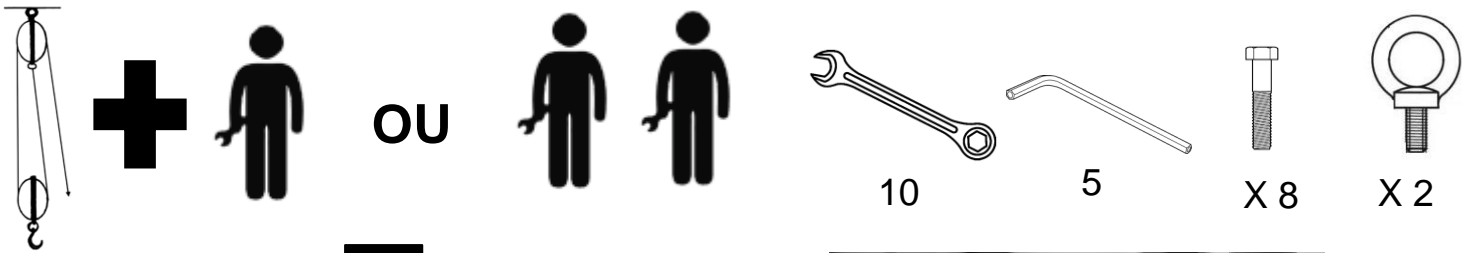
1. Carefully remove the protective boxes
2. Lower the frame and check that the wheels manoeuvre correctly
3. Screws and nuts are in the black casing
4. Assemble the column **using 2 operators or a hoist** and attach to the hook.
5. Using a 10 mm spanner, connect the columns using 4 M6x20 screws and 4 nuts.



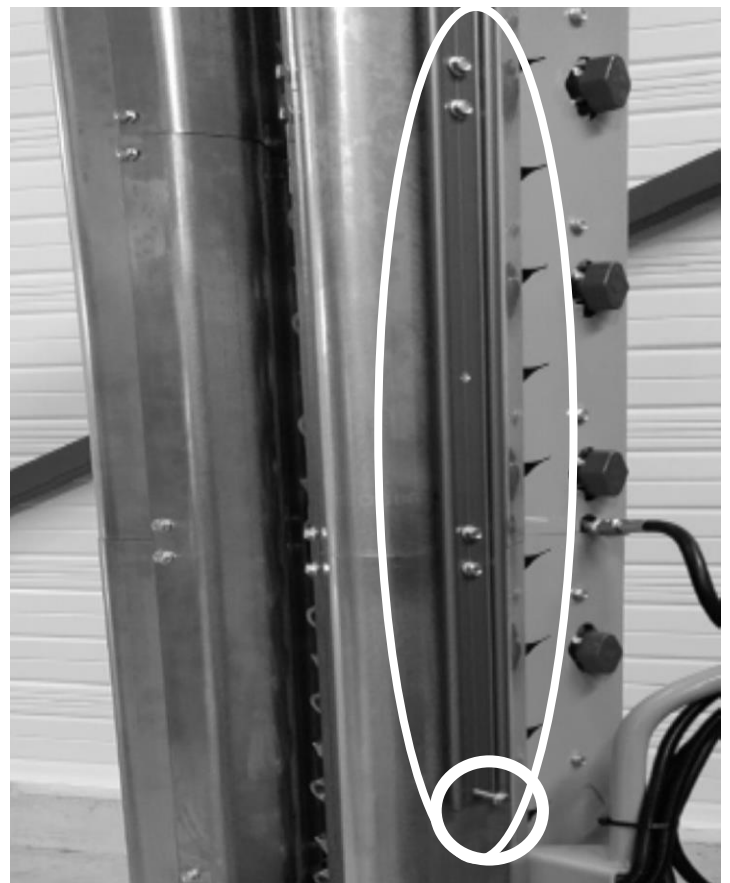
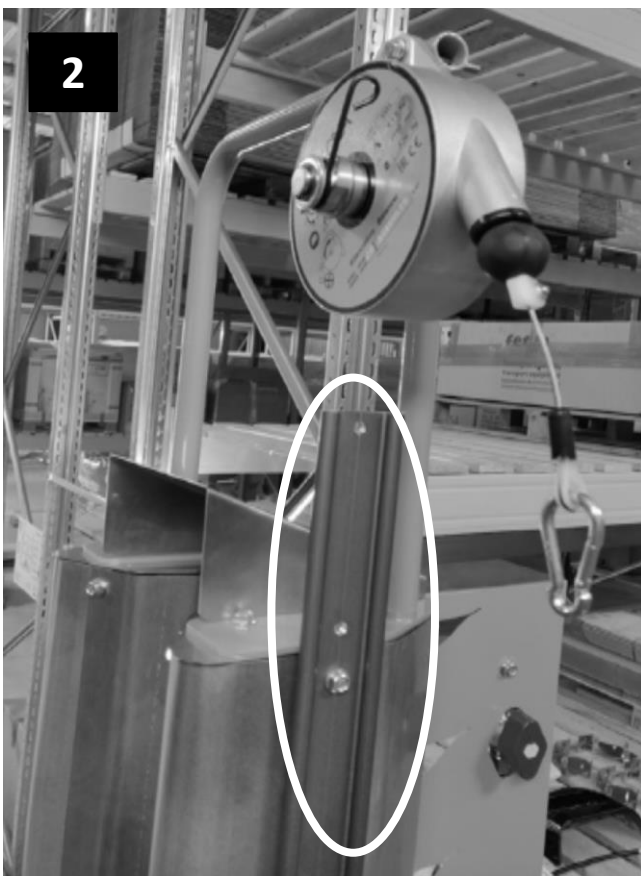
5. Close and secure the column using the two deflectors.

Using a 10 mm spanner, fit 4 M6x20 screws (without nuts) for each deflector.

# OPTIONAL OVERHEAD HEAT DEFLECTOR ASSEMBLY (1600-2400)



1. Use a 10 mm spanner for the 2 M6x20 screws and 2 rings.  
**Screws are in the Turbopack storage bag**



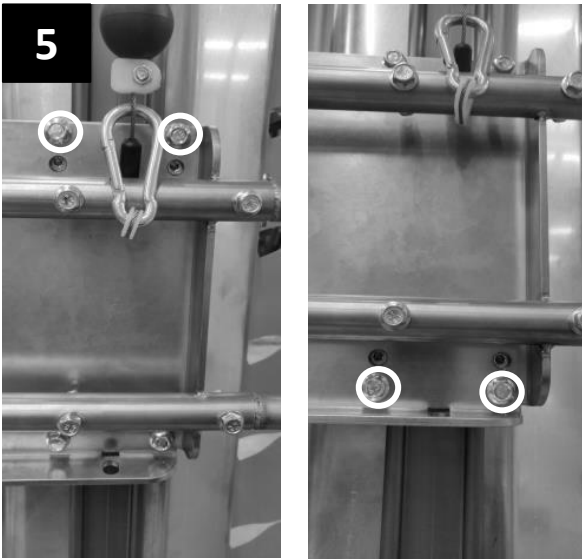
2. Use the 6 M6x20 screws on the column and position the rail as shown in the picture.  
Make sure that the screw at the very bottom protrudes to act as a limit stop for the visor.

# OPTIONAL OVERHEAD HEAT DEFLECTOR ASSEMBLY (1600-2400)

3. Place the visor with its carriage on the rail.

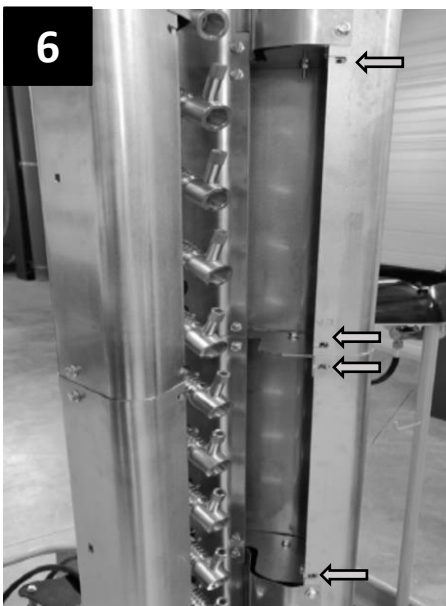


4. Hook the cable with the snap hook.



5. To adjust the load balancer properly, release the stresses by loosening the pads (4 Allen key 5 screws).

Slide the cap a few times, then slightly retighten the 4 screws (contact tightening).



6. Close and secure the column using the two deflectors.

Using a 10 mm spanner, fit 4 M6x20 screws (without nuts) for each deflector.

# OPTIONAL OVERHEAD HEAT DEFLECTOR ASSEMBLY (1600-2400)



7. To adjust the load balancer properly, release the stresses by loosening the pads (4 Allen key 5 screws).

Slide the cap a few times, then slightly retighten the 4 screws (contact tightening).




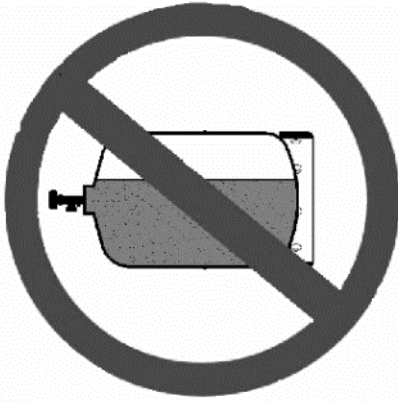
6. Remember to close the red tap on the column above the visor.

Place the visor 150 mm above the load to ensure that the top shrinks properly.



Find the overhead installation tutorial on our Youtube channel @Ripack-official

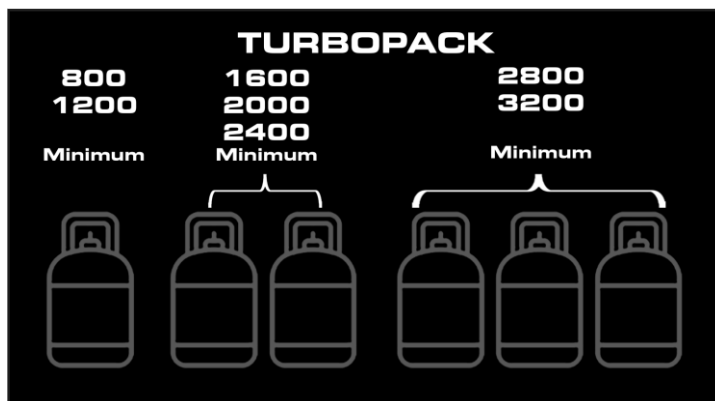
# OPERATING INSTRUCTIONS

PROHIBITED WITH TURBOPACK®	
	
<b>LIQUID PHASE PROPANE GAS</b> (Ex: Forklift fuel)	<b>HORIZONTAL CYLINDER</b>

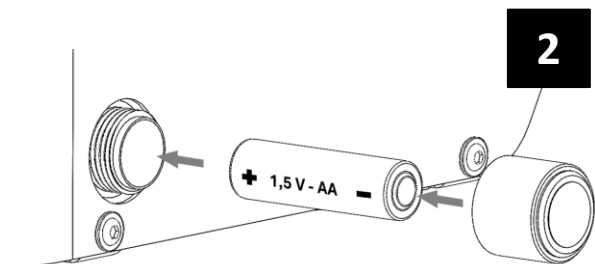


**TURBOPACK® works with (Vapor-Type cylinders) PROPANE gas in the gaseous phase.**

1. Connect the valve(s) to 1 to 3 new propane cylinders, depending on your model.



The regulator type depends on the gas standard in each country. Consult your distributor if you are in any doubt.

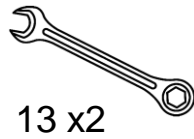
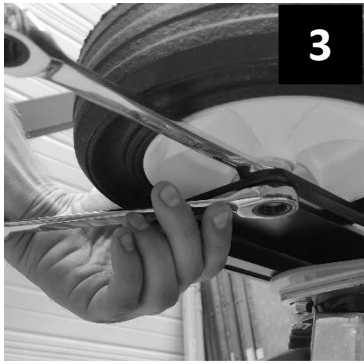


2. Unscrew the cap on the side of the control unit and insert a 1.5V AA battery, making sure that the battery polarities are correct (+) and (-).

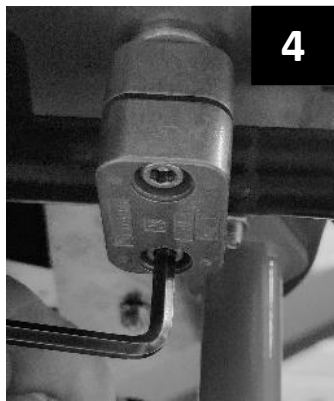
**Note:** use a non-rechargeable alkaline battery for faster TURBOPACK starting



# OPERATING INSTRUCTIONS



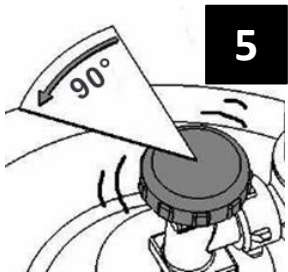
3. Extend the 2 guide wheels as far as they will go using 2 13' spanners



4

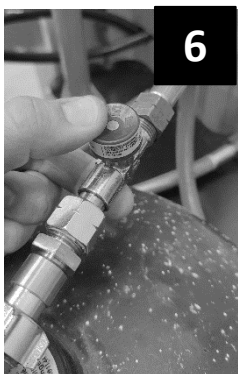
4. Using a N°5 Allen key, loosen the 4 screws then pull the two handles towards you.

Adjust the position of the handles to the operator's height, then tighten the 4 screws.



5

5. Open the PROPANE gas cylinder valve(s) to 90°.



6

6. Press the red button(s) on the cylinder safety valve(s) for a few seconds to prime the gas in the pipes.

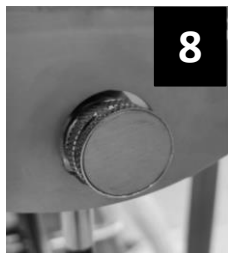


7

7. Check all connections between pipes, safety valves and regulator with soapy water (bubble spray).

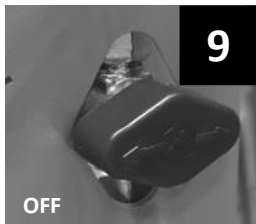


# OPERATING INSTRUCTIONS

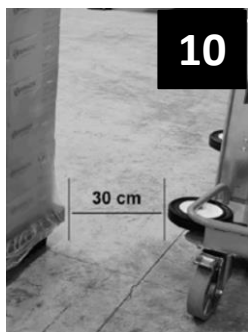


**7.** Set the regulator to the desired power. Minimum 1.5 - Maximum 2.5 bar.

Adapt your speed and shrinking distance according to the power you choose and your comfort level.



**9.** Close the red taps on the column above your load/pallet to save gas.



**10.** Make an initial turn without ignition to familiarise yourself with turning corners.

Then approach the TURBOPACK® to a distance of 30 cm to start it.

The guide wheel determines the minimum distance from the pallet. It is not necessary for the guide wheel to touch the pallet.

The floor must be level.

**11** PCHIIITTT...  3s



**11.** Squeeze the left handle all the way, then the right handle halfway to hear the gas flow.

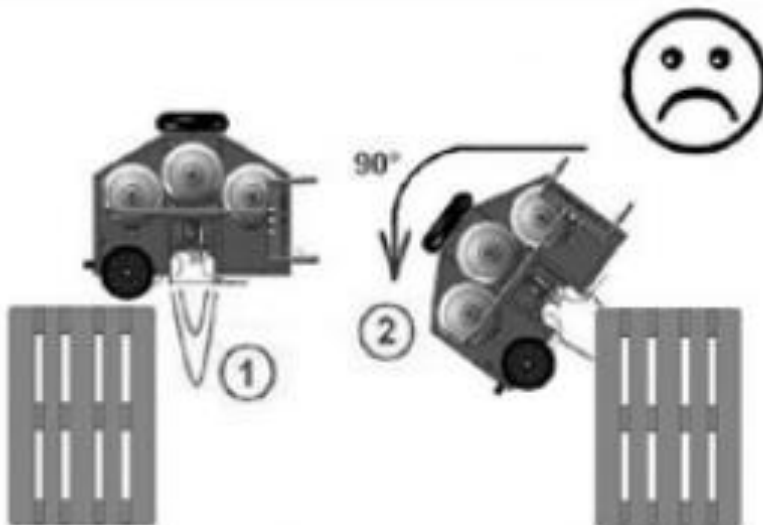
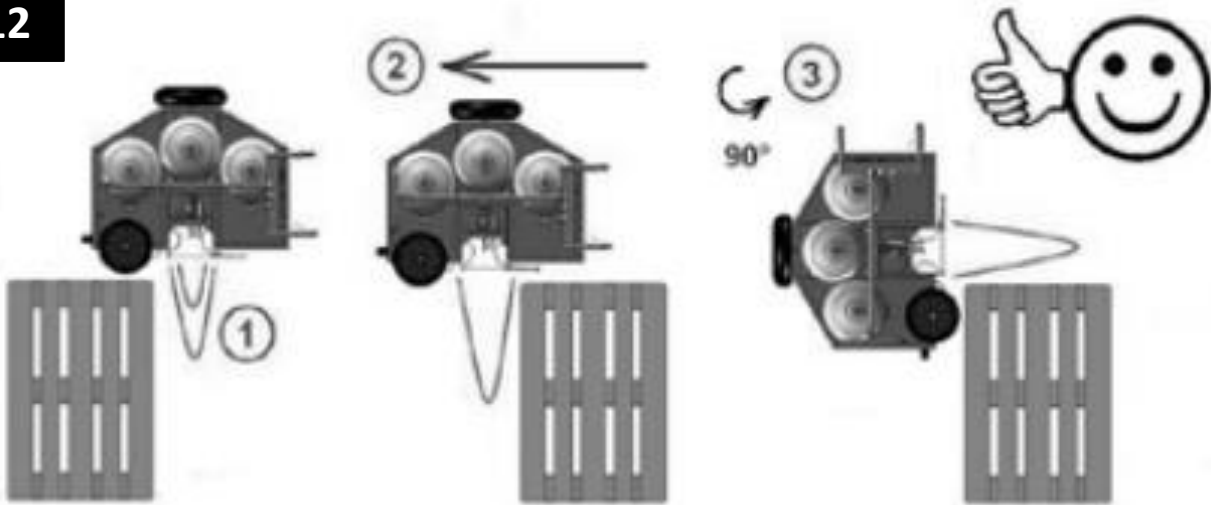
**12** CLIICK!  3s



**12.** Press the button until flames are generated. Release the button when the flames appear, holding the handles in position to keep the flames burning.



12



**12.** Adjust your walking speed while estimating the quality of the film shrinkage. Once the column has passed one side of the pallet, start the Turbopack rotating and continue shrinking without stopping.

Rotate 90° to prevent the column from overheating the corners of the pallet (see drawing).

**Never stay in a fixed position with the flames switched on.**

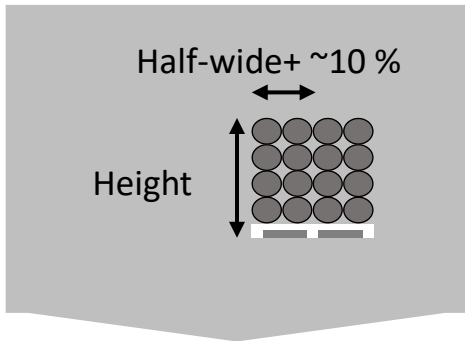
It only takes 45 seconds to shrink-wrap one Euro pallet. You can shrink-wrap up to 290 pallets with 3 gas cylinders.

**13.** Check that the TURBOPACK® stops working when you release at least one of the handles.

If not, please refer to the "PREVENTIVE MAINTENANCE" section on gas taps.

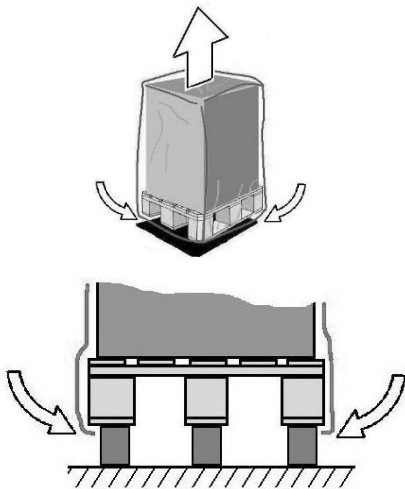


# SHRINK WRAPPING TIPS



## CALCULATING THE LENGTH OF A COVER (made to measure) :

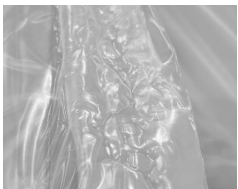
- Measure from the bottom of the load to the top, starting from the widest side + half the horizontal face + ~10% to allow the film to pass under the pallet.
- A range of RIPACK® sealing machines are available to manufacture your customized covers. The Multicover 955 in manual sealing mode and the Multicover 960 in electric mode. Contact your RIPACK® retailer for a quotation.
- Note: LDPE covers must be at least 120 microns thick, with a maximum of 20% recycled content, to ensure a high-quality film.



## INSTALLATION OF THE LDPE COVER (Low Density Polyethylene).

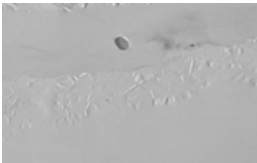
- The pallet must be raised to allow the film to shrink under the pallet and guarantee the stability of the load.
- An accessory is available in the Ripack® range to keep the pallet elevated: the CALPACK (Consult your retailer).
- Choose a cover adapted to the dimensions of your pallet. E.g. for a 100x120cm pallet, choose a 105x125cm cover.

## CHECK THE RESULT:



### • Film not shrunk enough (wrinkles) :

- Increase the pressure,
- or Reduce the distance to the pallet (never remove the guide wheel),
- or Reduce speed



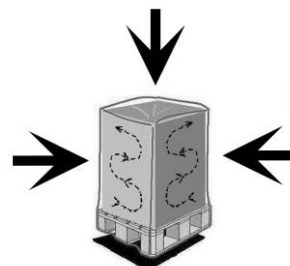
### • Holes in the film (too much heat) :

- Reduce pressure,
- or Increase the distance to the pallet,
- or Increase speed

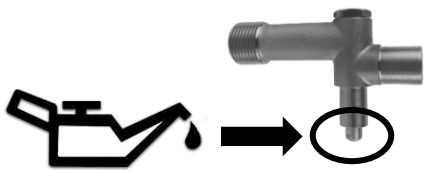


### • Film rises too much

- Raise the pallet on a stand (CALPACK) to hang the film under the pallet.
- Check with your supplier that your film is bi-oriented :your film shrinks vertically and horizontally. (Some types of films shrink in only one direction).



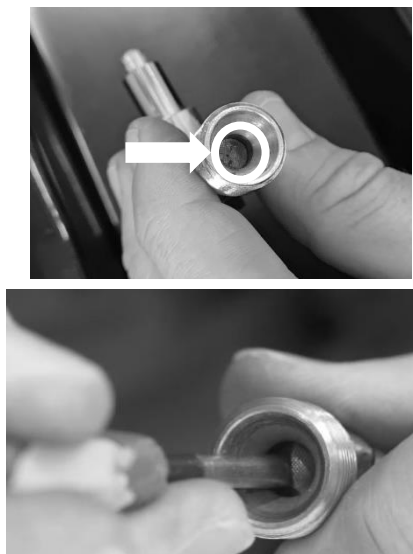
# PREVENTIVE MAINTENANCE



Lubricate the pistons of the gas taps #248235 **every three months or every 500 hours**. They must not get stuck.



Replace gas hoses as soon as cuts or cracks appear. **Every 5 years at the latest.**



Remove (see troubleshooting) and clean the **valve filters #248235 every quarter or 500 hours**

This is to remove dust and rust from the gas cylinders.



**Check the 136117 filter every three months or 500 hours and change it if necessary.**

This is to remove dust and rust from the gas cylinders.



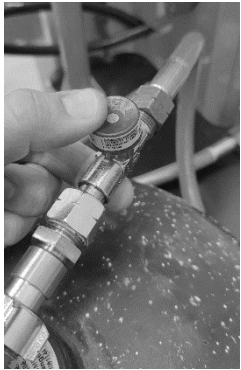
Bleed the pipes **daily** after closing the gas cylinders.

# MAINTENANCE

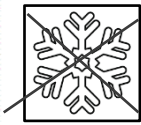
SEFMAT IS NOT RESPONSIBLE FOR ANY DISMANTLING OF THE TURBOPACK® BY AN UNOOTHERIZED PERSON OUTSIDE THE DISTRIBUTION NETWORK AND/OR WHO IS NOT QUALIFIED TO CARRY OUT MAINTENANCE OPERATIONS.

## COLUMN DOESN'T START

### 1. No gas supply



- Re-prime the safety valves, checking that there are no leaks.



- Check that the cylinders are full
- Check that there is no frost on the cylinder
- Check that the cylinder is propane gas



- Do not touch the cable adjustment of the handles except if the tension no longer allows the plate to press on the taps.

# MAINTENANCE

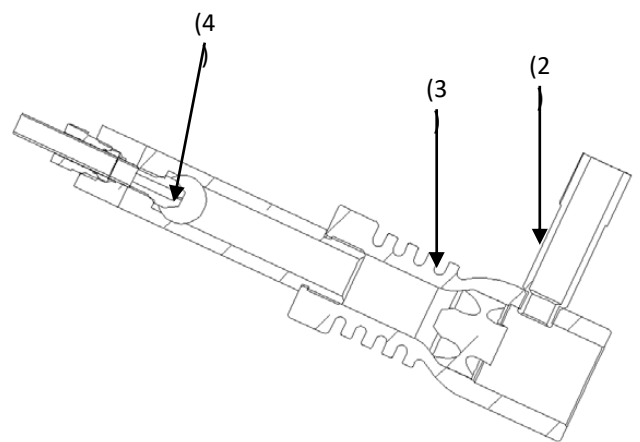
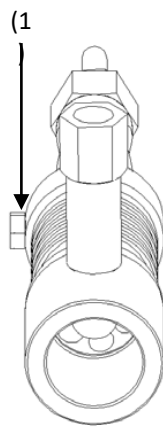
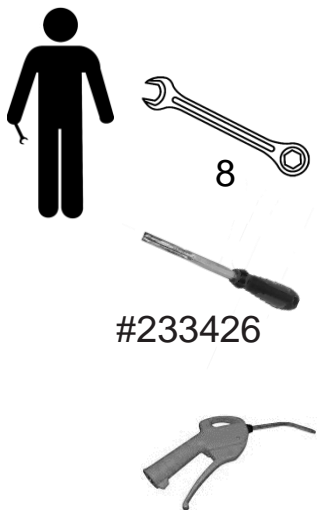
## 1. No gas supply

### Cleaning injectors and burners :

1. Remove the M5 locking screw from the burner (1).
2. Remove the ignition chimney (2) and burner (3).
3. Using tool #233426, to **carefully** remove the injector (4).
4. Clean the parts with a low-pressure jet of compressed air.
5. Inspect the injector hole to make sure it is not blocked.

**Never insert a tool into the injector hole.**

6. **Do not dismantle anything other than the parts indicated.**
7. Reassemble and check that the burners are correctly aligned.



## 2. No spark at the spark plug

### TUTORIAL LINK


Press the button without releasing the gas. If there is no noise from the ignition combustion, carry out the following tests:

- 1 - Replace the AA battery
- 2 - Check that ignition button #132206 is not cracked or broken.



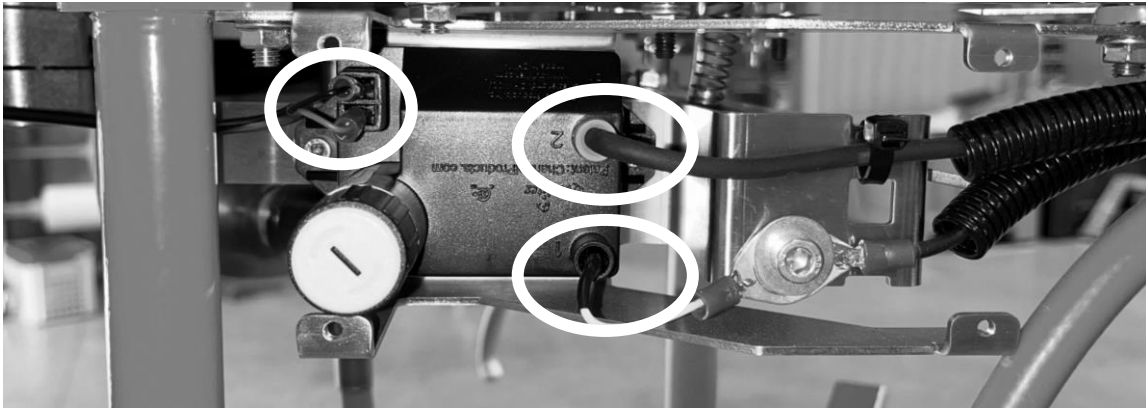
## 2. No spark at the spark plug

[Lien Tuto vidéo](#)

3 - Check that the ignition cable #236107  including the spark plug is not broken. The spark plug is located at the bottom of the column, in the ignition chamber #233455.



4 – Remove the ignition cover #132205 and check the condition of the electrical wiring (no wires cut or disconnected).



5 – If all the above elements are in correct condition, then there is an electronic fault in the igniter #132203 or in the button #132206. Follow the video tutorial to replace them.

## 3. Column does not light up to the top



- Check that the red taps on the column are all open



- Check that the burners are correctly aligned
- Check the spacing between the burners, which should be approximately 100 mm apart.

# MAINTENANCE

## THE COLUMN DOES NOT SWITCH OFF

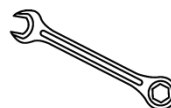
### 1. Blocked valve(s)

[Lien Tuto vidéo](#)

1. Lubricate the pistons (see "PREVENTIVE MAINTENANCE")
2. Replace the gas valve(s) #248235 :



2,5 + 5

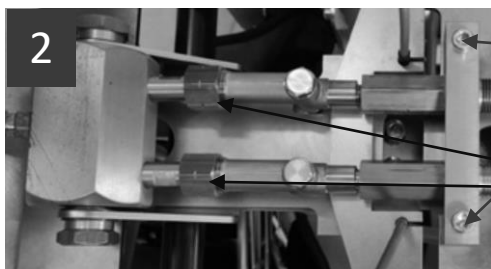


10 + 17 + 19



1

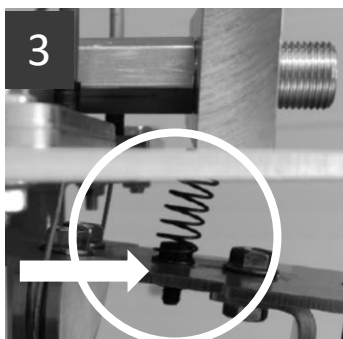
1. Using a 2.5 Allen key, remove the 4 screws from the black casing



2

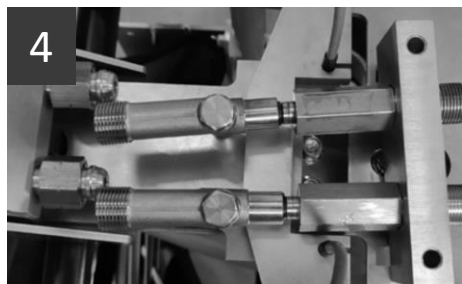
2. Remove the 2 screws using a 10 + 5 Allen key.

3. Using a 19 mm spanner, unscrew the 2 nuts (clockwise).



3

3. Beware of the spring, which may jump out. Make sure the spring is in the correct position when reassembling.



4











4. Carefully remove the gas tap(s) and replace them. To reassemble, repeat the steps in reverse order and **check that there are no leaks.**

# SPARE PARTS LIST









SPARE PARTS ARE ONLY SUPPLIED BY RIPACK® DISTRIBUTORS.

Article Code	Picture	Description
132203		Electronic igniter
133675		Crankcase
133679		Mixing box
136117		Gas filter
139027		Propan jet 48.100
139057		Turbopack blind jet
142050		Brake levers
143073		EU pressure gauge
146161		Turbopack Handlebars
148229		Turbopack Spring Return Control

# SPARE PARTS LIST

Article Code	Picture	Description
148231		Swivel wheel with brake
148232		Fixed wheel
148233		Support wheel
148237		Swivel wheel without brake
150231		Load balancer
233455		Turbopack start combustion
233456		Combustion N°2
234137		Turbopack regulator
235317		Cable sheath and seal assembly
236107		Start cable (spark plug + cable + piezo connection)

# SPARE PARTS LIST

Article Code	Picture	Description
236108		Combustion with diffuser
248235		Gas tap
250028		Rubber hose DIN Ø 6 Lg 1m with connections 38G (A - B)
250090		Rubber hose DIN 1,5 m Ø int. 6, with connections 38G (A - B)
352252		Valve NF (gaz cylinder connection)
352253		Valve UNI (gaz cylinder connection)
352254		Valve DIN (gaz cylinder connection)
352255		Valve US/BS (gaz cylinder connection)
132206		Push button on handlebars
132205		Ignition Crankcase

# WARRANTY

The TURBOPACK® shrink column delivered by RIPACK® (SEFMAT Group) is covered by a contractual warranty for a period of one (1) year from the date of delivery, covering any latent defect resulting from a defect in material, design or manufacturing affecting the TURBOPACK® and rendering it unfit for use.

This contractual guarantee **applies only to the first user of TURBOPACK® after registration of the product on the RIPACK® website** at the following address <https://ripack.com/en/registrar-un-produit/>. For all warranty claims, please enclose a copy of your supplier's invoice.

In order to assert his rights, the customer purchasing the TURBOPACK® must inform RIPACK®, in writing at the following address [info@sefmat.com](mailto:info@sefmat.com), of the existence of defects within a maximum period of seven (7) days from their discovery, under penalty of forfeiture of any action relating there to.

The present warranty covers **the costs related to the repair of the TURBOPACK®** ( labor and return postage, the outward postage remains at the customer's expense) **or its replacement** (if it is impossible to repair it) It does not entitle the customer to any compensation in kind or in cash

The placement of defective products or parts will not have the effect of extending the duration of the above-mentioned warranty.

The warranty forms an inseparable whole with the TURBOPACK® sold by SEFMAT or its authorized retailer. The TURBOPACK® cannot be sold or resold altered, transformed or modified. Please note that the warranty service for your TURBOPACK® can only be claimed if the original label with the serial number is on the product. Validation by our approved partners or by our manufacturing site will only be possible if all the parts that make up your TURBOPACK® are returned to us. Without the complete return, we will not be able to validate the warranty

Our one (1) year contractual warranty does NOT APPLY in cases of force majeure and does not cover : Deterioration, normal wear and tear of the product and in particular the following wearing parts: **piezo igniter #131072, start cable with spark plug #236107, gas hose #250028 and #250090, Cable sheath and seal assembly #235317, Gas tap #248235**

- Defects due to damage, an accident or a fortuitous event or an accident resulting for example from a shock or a fall.
- Abnormal use, misuse or use under conditions different from those for which the product was manufactured, in particular in the event of failure to comply with the conditions prescribed in the TURBOPACK® instructions for use.
- Transformations of the product and in particular the modifications made or the addition of parts not coming from the manufacturer.
- Failure to regularly maintain the product as described on page 13 of the TURBOPACK®. user manual, negligence or failure to monitor the product on the part of the purchasing customer.
- Pre existing repair of the product not provided by RIPACK® or an authorized RIPACK reseller.
- Products no longer bearing the label or identification number or products with a changed identification number.

**REGISTER YOUR PRODUCT**  
**ONLINE WARRANTY CONTRACT**  
[ripack.com/en/register-a-product](https://ripack.com/en/register-a-product)



# RIPACK ADDITIONAL PRODUCTS

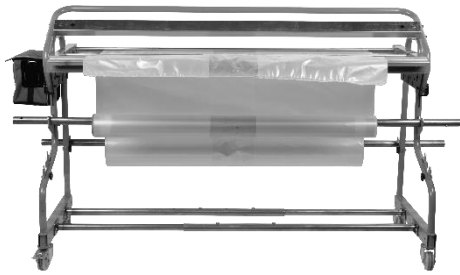
## MULTICOVER FILM SEALERS

The MULTICOVER sealers allow to make pallet covers and bags from rolls of shrink-film when required and in any size.

Make savings by avoiding useless stock of various heights and sizes.

Contact your distributor for a quote or an appointment

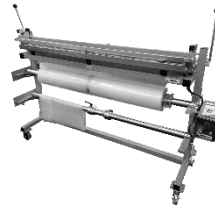
<https://ripack.com/produits/multicover-960/>



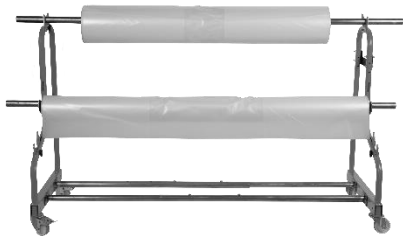
**MULTICOVER 955**  
Ripack® Heat Gun Sealing



**MULTICOVER 960**  
Electrical impulse sealing



2nd reel in option



**MULTICOVER 935**  
Film dispenser up to 4 reels



**DÉCLARATION DE CONFORMITÉ CE  
EC- DECLARATION OF CONFORMITY  
CE - KONFORMITÄTSERKLÄRUNG**

Le fabricant soussigné :  
The manufacturer undersigned :  
Der unterzeichnende Hersteller:

SEFMAT S.A.S, 7 RUE DE BETNOMS, 33185 LE HAILLAN, FRANCE

Déclare que l'appareil :  
Hereby declares that the appliance :  
Erklärt hiermit, dass das Gerät :

**TURBOPACK®**

destiné à la production d'une flamme produite par la combustion de gaz  
designed to produce a flame produced by the combustion of gas  
welches zur Erzeugung einer durch Verbrennung von Gas erzeugten Flamme bestimmt  
ist,

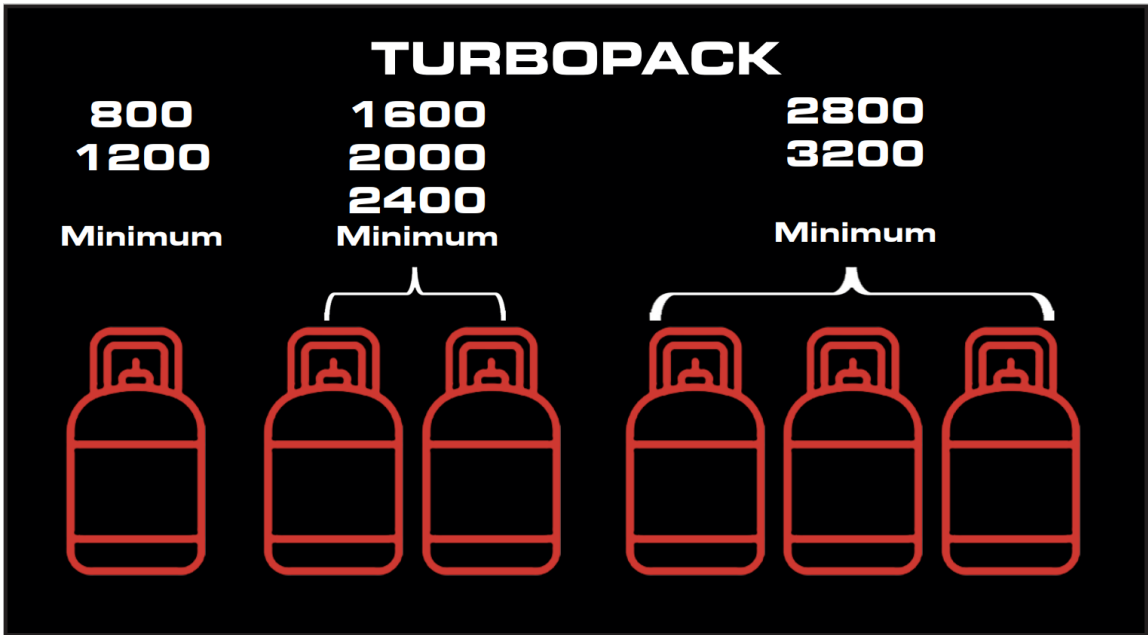
est conforme à la directive machines 2006/42/CE.  
is in accordance with the Machinery Directive 2006/42/EC.  
den Anforderungen der Maschinenrichtlinie 2006/42/EG entspricht.

Fait au Haillan, le 1er juin 2021  
Le Haillan, June 1st, 2021  
Le Haillan, 1. Juni 2021

Le Président  
President  
Vorstandsvorsitzender

CERTIFICATIONS INTERNATIONALES  
WORLD CERTIFICATIONS





**REGISTER YOUR PRODUCT  
ONLINE WARRANTY CONTRACT**  
[ripack.com/en/register-a-product](http://ripack.com/en/register-a-product)







GROUPE SEFMAT

**RIPACK**®

**Ripack is for the  
PROFESIONALS,  
Use PROPAN gas.**