

# RoRo StretchPack® Extended Large for 6-sided packaging of insulation panels

This RoRo StretchPack® packaging machine is designed for 6-sided packaging of stacked rigid foam insulation panels, such as EPS, XPS, PIR, and PUR.

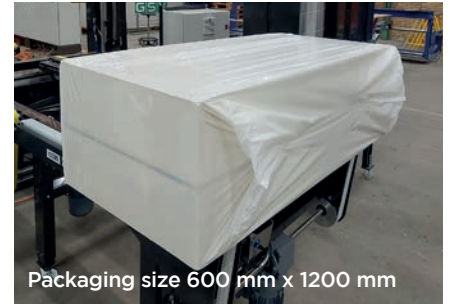
The internal conveyor unit and the possibility to use large film rolls ensure high packaging capacity with high uptime. The construction features few wearing parts and requires only minimal maintenance.

Packing different panel sizes in batch production or randomly using a measuring bridge on the infeed conveyor is feasible.

## 100% waterproof packaging with high repeatability

The stacked insulation panels are packed into a tubular stretch hood film, which is welded at the ends to ensure 100% waterproofness. Welding occurs during the packaging process.

The film's stretching capabilities allow for the packing of multiple panel sizes using the same film roll. During packaging, the stretch hood film contracts, conforming to the panels, ensuring tight and uniform packaging.



Packaging size 600 mm x 1200 mm



Packaging size 1200 mm x 2400 mm

Two packaging examples packed using the same roll of stretch hood film. The film adapts and fits closely to the panels.



**RoRo**  
STRETCH PACK

## RoRo StretchPack® benefits

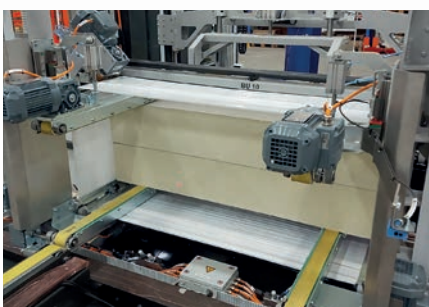
- 100% waterproof packaging
- Smooth, tight, and uniform packaging
- High capacity and repeatability
- Low maintenance and high uptime
- Reduced film and energy consumption

## Up to 12 km film on roll increases uptime

The active film stand can hold up to 12 km of film, depending on film thickness. This reduces the frequency of film roll changes, thereby increasing uptime. Additional film stands can be installed as needed to accommodate a wider range of products.

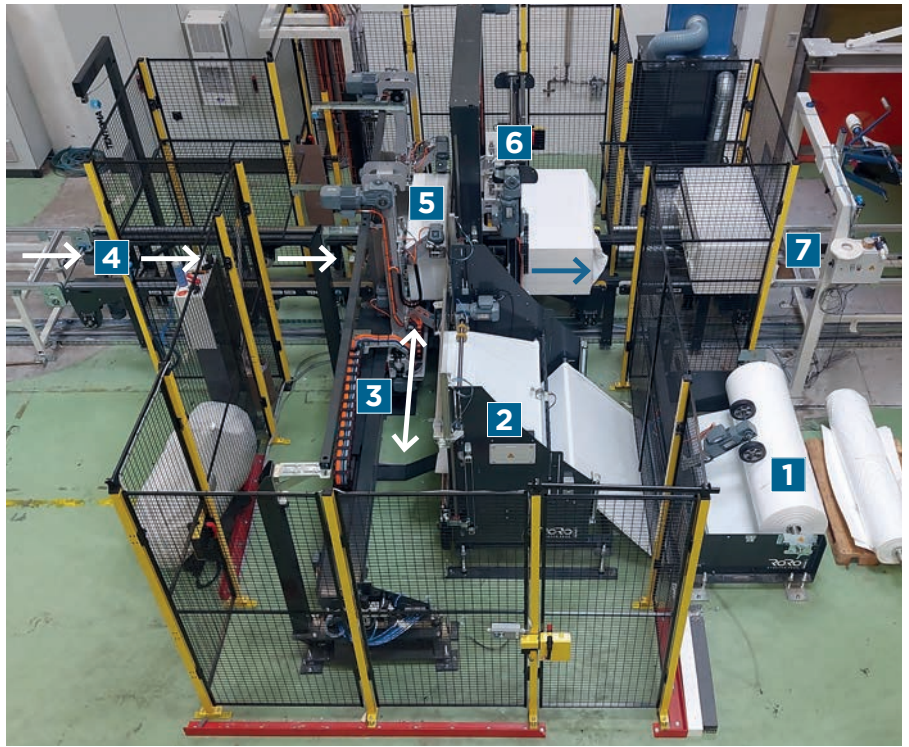
## Internal conveyor unit (ICU) ensures high capacity

To guarantee stable production, an internal conveyor unit (ICU) transports the panels into the stretch hood film. This enables higher speeds than those achieved using a pusher. In combination with top pressure rolls, the ICU also prevents slippage between the panels during high-speed packaging.



## The RoRo StretchPack® packaging line

- 1 The film stand (FS)**  
Hold up to 12 km of film.
- 2 The film unit (FU)**  
Welds the front end of the tubular film to create a hood.
- 3 The gripper unit (GU)**  
Stretches the film and moves it to the packaging lane.
- 4 The in-feed conveyor**  
Receives the panels from the production line.
- 5 Internal conveyor unit (ICU)**  
Holds and moves the stacked panels into the stretch hood film.
- 6 The back sealing unit (BU)**  
Seals the 6-sided packaging.
- 7 The output conveyor**  
Transports the packed panels for palletizing.



RoRo StretchPack® packaging line with numbers showing the production flow. This packaging line is completed with safety fence.

## Utilize the packaging to improve branding



It is obvious to have print on the packaging film to enhance your branding and products. With RoRo StretchPack® your print will appear crisp and clear without crumpling as in heat shrink.



## Reduce film and energy consumption

RoRo Stretchpack® is a sustainable packaging solution with a positive environmental impact.

- **Achieve 25-60% film reduction**  
Switching to single-layer stretch hood film typically results in a significant reduction in film usage for most customers.
- **Remove the need for heat shrink**  
RoRo Stretchpack® eliminates the need for heat shrink in the packaging process. This not only frees up space on the packaging line but also cuts down on energy costs. Additionally, a cooler working environment enhances worker comfort and safety.

Indicative machine specifications <sup>*)</sup>	RoRo StretchPack® Extended Large S1/D2	
	Simplex (S1)	Duplex (D2)
<b>Dimensions</b> (without safety fence)	L: 3.570 mm H: 2.700 mm W: 5.000 mm	L: 3.570 mm H: 2.700 mm W: 9.000 mm
<b>Gripper unit (GU)</b> <b>Film unit (FU)</b> incl. 1 roll (Extra rolls are option)	1 GU + 1 FU 	2 GU + 2 FU 
<b>Maximum product size</b> (Max. length depending on film thickness)	Width: 1380 mm Height: 700 mm Length: 4800 mm	
<b>Capacity per/hour<sup>*)</sup></b> (600 x 1200 mm)	Approx. 170 packs per/hour	Approx. 290 packs per/hour
For higher capacity use RoRo StretchPack® XL		

<sup>\*)</sup> Final specifications and capacity depend on packaging requirements, product sizes, product variance, film thickness, and machine options, among others.

Contact Tentoma for an assessment based on your request.

 Watch the RoRo StretchPack® packaging machines in operation: <https://tentoma.com/videos>



Tentoma supports the Sustainable Development Goals



Tentoma is ancient Greek for 'stretching'