

# 6-sided packaging of plasterboards

A complete RoRo StretchPack® solution for high-quality plasterboard packaging.

This RoRo StretchPack® stand-alone solution is designed for automated 6-sided packaging of plasterboards after drying/storage and before shipping.

Using a forklift, up to three bundles of plasterboards can be loaded onto the infeed conveyor. The destacker then lifts the upper two bundles, allowing the bottom bundle to be packed. Before packaging, automatic loose spacers are inserted beneath the bundle. The film ensures these spacers are held tightly to the bundle, eliminating the need for additional strapping.

The RoRo StretchPack® XL packaging machine employs a tubular stretch hood film for packaging. During the process, the two end openings of this film are sealed, ensuring a 100% waterproof 6-sided packaging. The machine can accommodate multiple film rolls, allowing for the packaging of bundles in various sizes or the use of films with different printed branding.

After packaging, the bundles are automatically stacked and are ready to be picked up by a forklift.

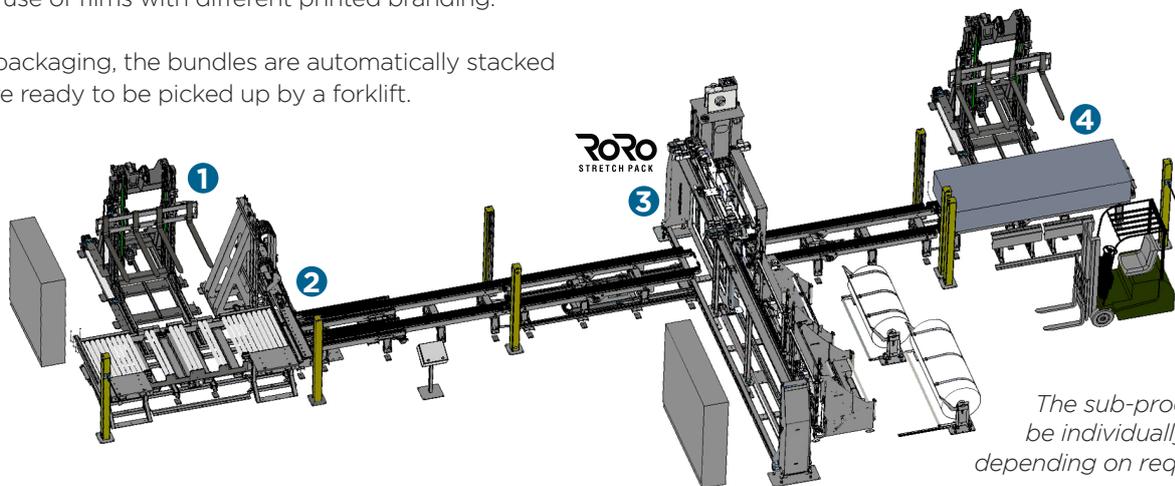


No strapping required to hold spacers

Fully sealed packaging  
100% waterproof

## RoRo StretchPack® benefits

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



*The sub-processes can be individually modified depending on requirements.*



### 1 Destacker on infeed conveyor

A destacker allows a forklift to load up to three bundles in one go. The destacker will lift the upper bundle(s), while the lower bundle is packed.



### 2 Automated insertion of spacers

Spacers are inserted beneath the bundles. They can be loaded from a magazine or, for example, moved from the top of the bundle to the bottom.



### 3 6-sided packaging secures the spacers

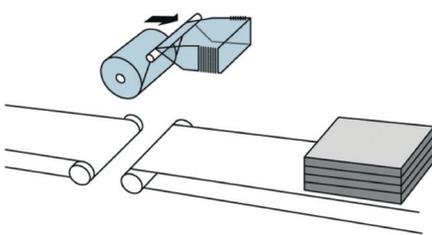
The bundle is packed and sealed using a tubular stretch hood film. This packaging film keeps the spacers in place without the need for glue or strapping.



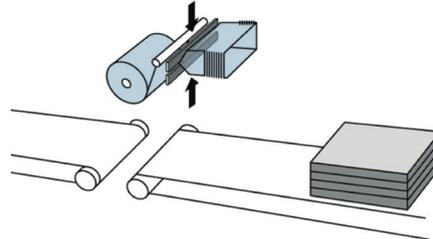
### 4 Stacking bundles for pickup

At the end of the packaging line, the stacker automatically arranges the bundles, making them ready for forklift pickup.

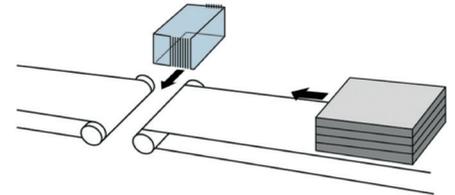
## RoRo StretchPack® step-by-step



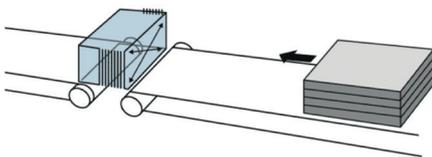
**1** The tubular stretch hood film is rolled on four gripper arms.



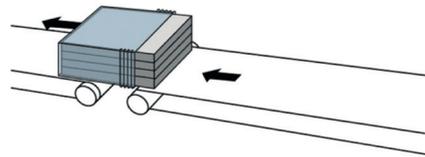
**2** The stretch hood film is cut, and a front sealing is made.



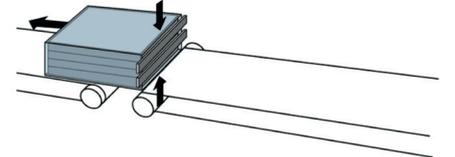
**3** The front sealed film tube is moved to the product lane.



**4** The film is stretched until it is slightly larger than the product.

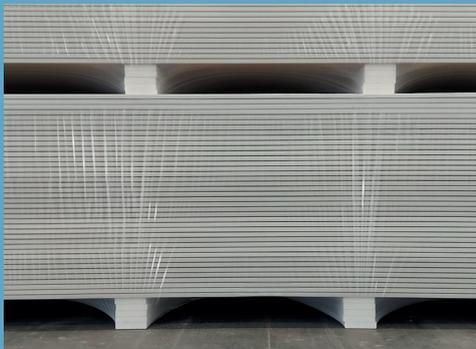


**5** The film is rolled off the gripper arms while the product is being packed.



**6** When the product is packed, a back sealing is made to ensure complete sealed packaging.

### Packaging examples

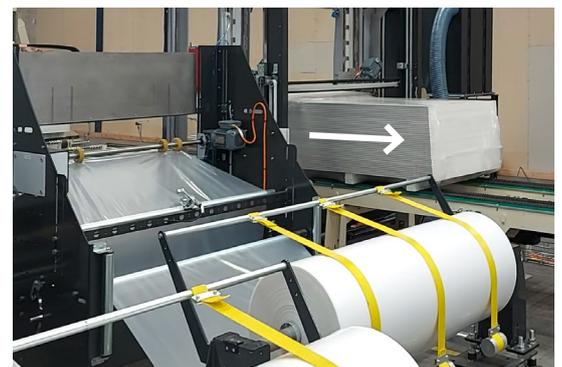


## About Tentoma

Tentoma, established in 2011 in Denmark, specializes in six-sided sealed packaging. Drawing on experience from the vertical stretch hood industry, Tentoma developed the RoRo StretchPack® technology for horizontal stretch hood packaging.

RoRo StretchPack® offers a film-saving and energy-efficient packaging solution that is particularly well-suited for automated 6-sided packaging of rolls, building materials, and similar products.

Today Tentoma manufactures and services RoRo StretchPack® solutions, which are installed for customers worldwide.



*Horizontal packaging of plasterboard using the RoRo StretchPack® packaging process.*

 Watch RoRo StretchPack® in operation:  
[www.tentoma.com/videos](http://www.tentoma.com/videos)