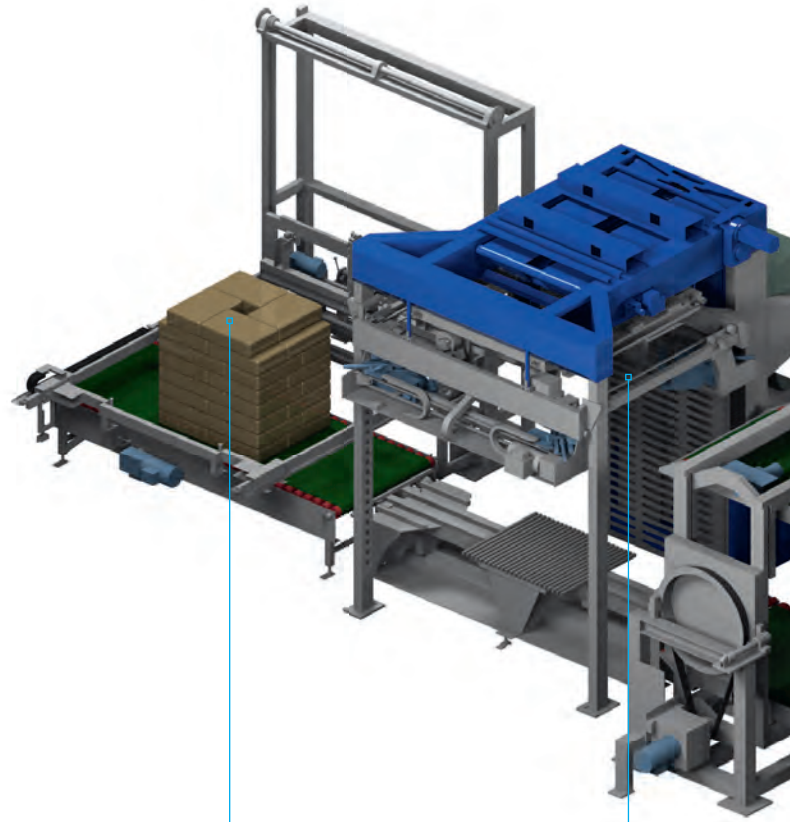


BEUMER PAKETPAC[®] **PALLETLESS STRETCHING**

Protects your products and the environment. Economical and safe.

OUT-OF-THE-BOX THINKING

The BEUMER paketpac® introduces a highly effective and cost-efficient way to package your goods with greater safety, durability, and with less environmental impact. In place of conventional wooden pallets that are sometimes difficult to source and expend valuable resources, a space-saving plastic covering is stretched securely over your products, increasing loading capacity and providing flexible branding options.



PROCESS FEATURES



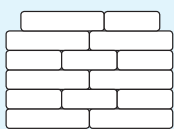
1



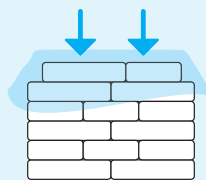
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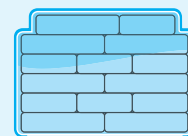
3



The bag stack is palletized with the corresponding bottom layer.



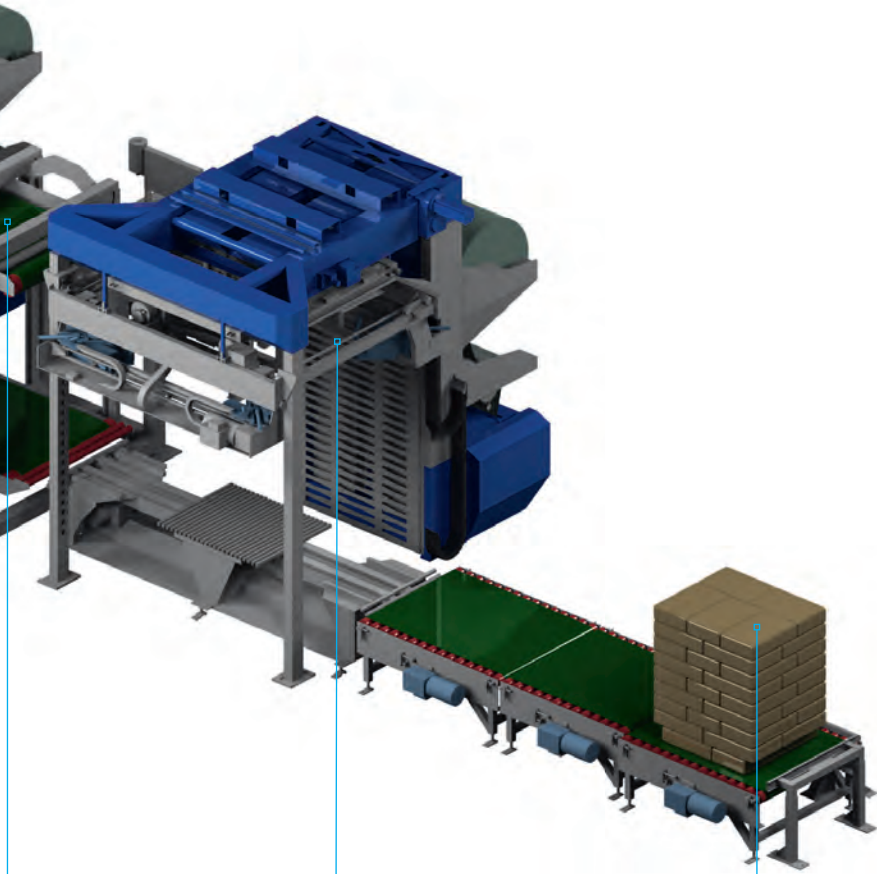
After placing the film sheet applicator, the bag stack is compressed in a stack press.



A stretch film hood is pulled over for securing the stack as well as for weather protection.



The stack is now fed into a turning device and rotated 180°. The bottom layer

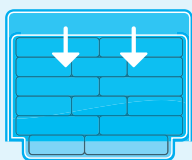


ADVANTAGES OF PALLETLESS STRETCHING

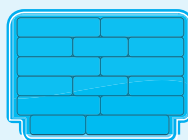
- › Up to 7 % higher loading capacity in railway waggon, trucks, and containers due to the pallet no longer being used as a transport medium
- › Container unloading in longitudinal direction
- › Excellent stackability
- › Low power consumption (90 % less) in comparison to shrink-hooding technology
- › Long-term vertical tension maintenance by utilising stretch film instead of shrink film
- › Cost reductions due to elimination of pallets
- › Goods are protected from weather conditions
- › Elimination of film laminating with plastic bags



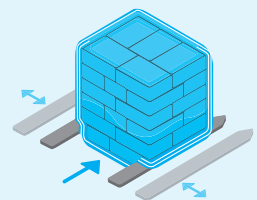
to the stack
rotated through
over is now below.



A third stretch film hood is pulled over the bag stack, which is now entirely surrounded by film on all sides.

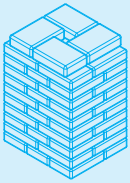


The completely packaged bag stack is now transported to the take-away post.

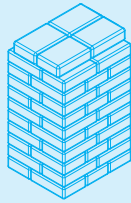


The bag stack is picked up by the fork-lift truck. The forks need to be equipped with side adjustments. A specially formed bottom layer enables secure lifting and transporting of the stack. The stack can now be loaded into a container.

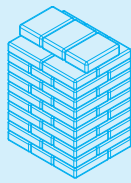
COVER LAYER VARIANTS



- › Stack pack of 4 bags for crosswise truck loading



- › 4-bag pattern for longitudinal container loading



- › 3-bag pattern

SPECIFICATIONS

- › Method of operation: fully automatic stretch hooding
- › Packaging material: gusseted film tube
- › Film thickness: max. 180 µm
- › Capacity: up to 65 bag stacks/h
- › Stack height: up to 2,400 mm
- › Stack dimensions: 1,300 × 1,100 × 2,400mm (L×W×H)

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Products and technologies carrying BEUMER's "made different" seal are characterised by their sustainability based on their economic, environmental and social performance as measured by the BEUMER Sustainability Index (BSI).