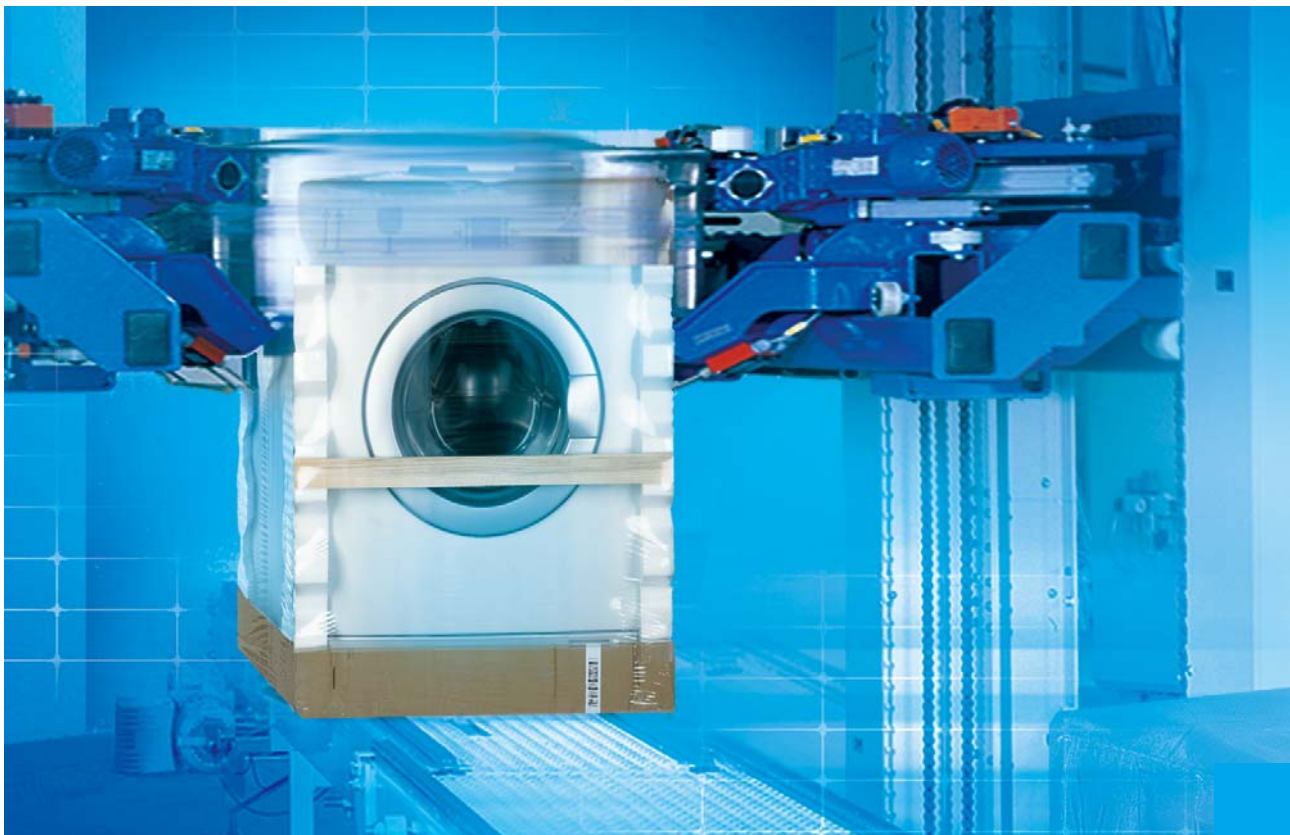




**BEUMER**  
technology in motion

Packaging technology  
to reduce costs  
for the appliance industry

## **BEUMER stretch hood® W**



**PACKAGING TECHNOLOGY**

# Maximization of packaging quality, security and efficiency

## Meeting stringent requirements effectively

The customer's first impression of a product is crucial. Thus, producers of consumer goods are interested in transporting their high-quality products so that they arrive at their destinations in the best possible condition.

Therefore, it is necessary that the products be handled gently throughout the delivery process. Thanks to the extraordinary display characteristics of our stretch film packaging, the risk of product returns due to loading and reloading can be dramatically reduced.



The BEUMER stretch hood® system does not shrink the film.

These are some reasons why many producers prefer using clearfilm-packaging® instead of commonly-used cardboard packaging.



## Requirements

- 1** Efficient packaging method for cost reduction
- 2** Protection of high-quality products for all logistic processes
- 3** Product recognition during transport and for customers
- 4** Optimized use of storage
- 5** Flexible packaging methods for various products
- 6** No flue gas disposal and no fire risk

## Technology for today's competitive market

In view of today's economic challenges and continuously increasing worldwide competition, achieving an optimal product packaging as well as taking advantage of available cost reductions are essential to stay competitive.

Performance criteria	Shrink hood	Stretch wrap	Cardboard	Stretch hood
Packaging cost per load	●	●	●	●
Operating cost	●	●	●	●
Packaging speed	●	●	●	●
Load protection - flue side	●	●	●	●
Load versatility	●	●	●	●
Safe operation	●	●	●	●
Ability to recycle material	●	●	●	●

● = Acceptable   ● = Good   ● = Best



## Transport, dust and weather protection for valuable consumer goods

BEUMER, as one of the leading manufacturers of intralogistic systems, can offer a very effective method to package products. The BEUMER stretch hood® is an innovative development in packaging technology for optimal protection of home appliances. Innovative film handling and sophisticated modules, combined with state-of-the-art control techniques, make the BEUMER stretch hood® W an efficient packaging machine, which can adapt to a wide range of customer requirements.

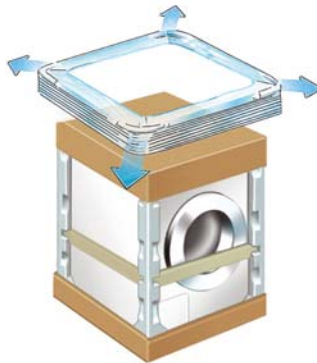
### Using advantages optimally

BEUMER's patented technology offers customers the opportunity to use all the advantages of stretch hood packaging to their advantage.

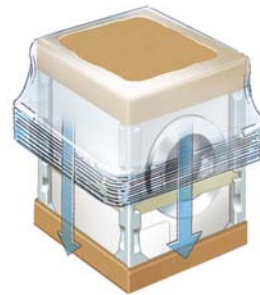


The BEUMER stretch hood® W successfully fulfills customers' high expectations with regard to packaging quality, efficiency and operational reliability.

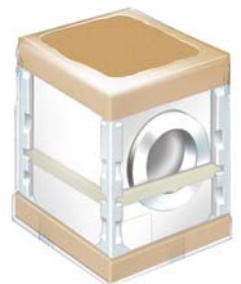
BEUMER has more than 20 years of stretch hood packaging experience with a variety of industries throughout the world.



*Stretching of the hood; the degree of stretch is defined by the stack dimensions, film elasticity and film gusset dimensions*



*Lowering of the stretch angles and simultaneous stretching of the film in a vertical direction: "biaxial stretch"*



*After placing the film over the product load formation of the "base stretch"*



The packaging film used for the BEUMER stretch hood® method has several advantageous characteristics. The required lengthening forces and the therefore biaxial-acting forces can be optimally adjusted from the film manufacturer for each individual product.

The excellent viewing characteristics of hoods accentuates high-quality products, e.g. dish washer, washing machine or refrigerators.

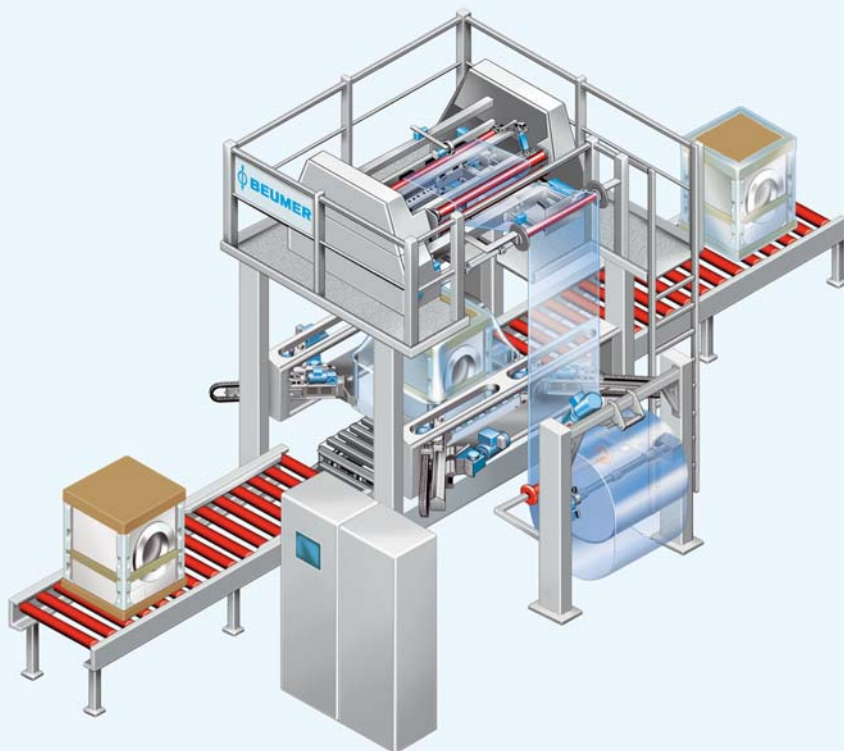
### Solutions

- 1** Reduction of packaging costs of up to 40% compared with cardboard packaging
- 2** Reduction of damage in transit by up to 90%
- 3** Extraordinary display characteristics due to use of high-transparent films
- 4** Improved stackability due to specific horizontal and vertical forces
- 5** Process patents guarantee the best packaging solution for your products
- 6** Packaging without heat



## Technical data

<b>Operation mode</b>	sleevestretching, fully automatic
<b>Packaging material</b>	gusseted film tube
<b>Film thickness</b>	40 - 70 µm (special dimensions upon request)
<b>Package height</b>	max. 1000 mm (special dimensions upon request)
<b>Package dimensions</b>	min. 500 x 500 mm max. 800 x 800 mm (special dimensions upon request)
<b>Positioning area</b>	3,5 m x 2.7 m (9.45 m <sup>2</sup> )
<b>Height of platform</b>	2,6 m
<b>Conveying height</b>	from 500 mm



*We reserve the right to make changes without notification.*

BEUMER is an international leading manufacturer of intralogistic specialized in the conveying, loading, palletizing and packaging technology as well as in sortation and distribution systems.

Having approx. 750 employees and a turnover of around 150 M. EUR, BEUMER has, with subsidiaries and representations, a worldwide presence for various industries.

For further information  
please visit us on:

[www.beumer.com](http://www.beumer.com)