



# WHAT IS STRETCH HOOD?

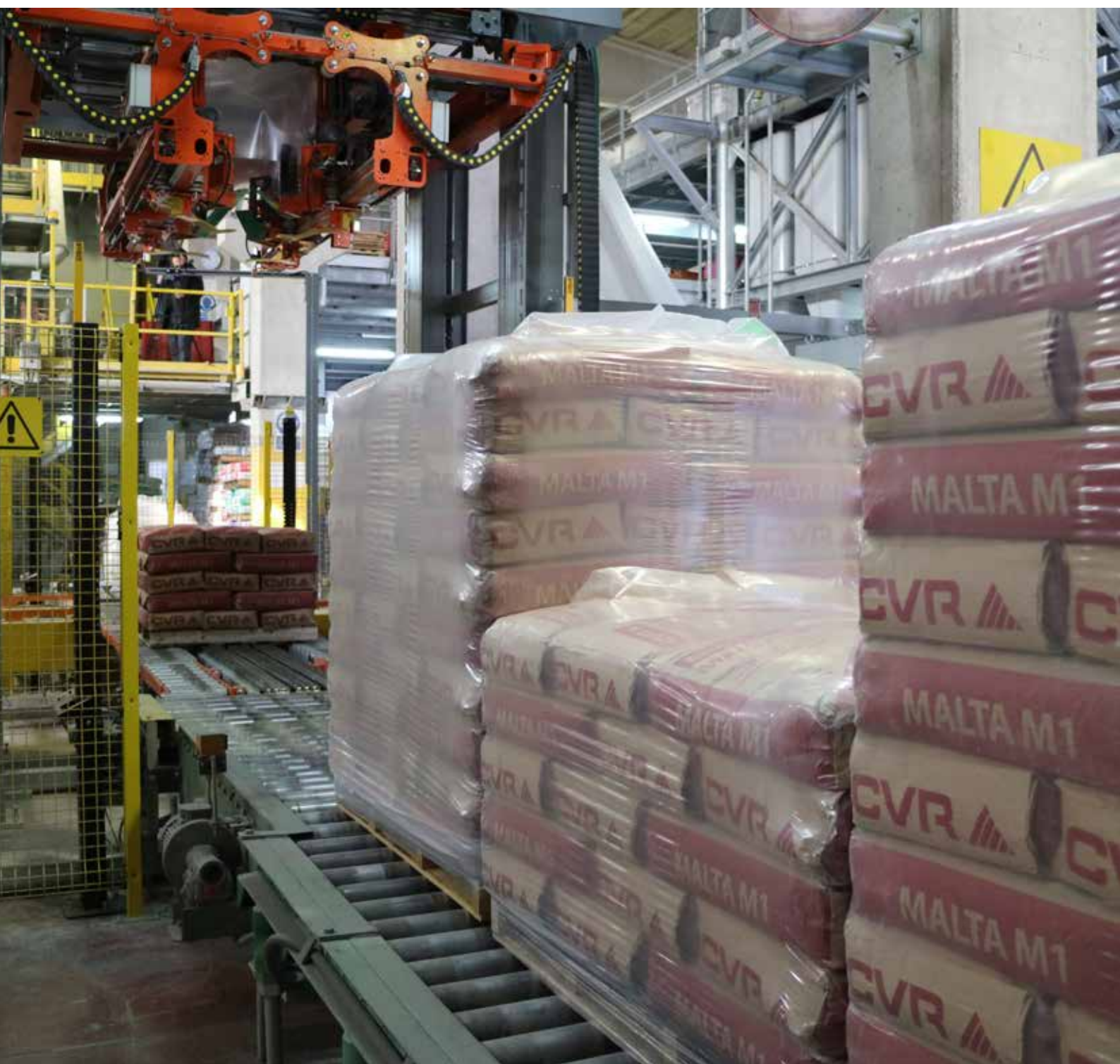
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Stretch hood is an elastic tubular plastic film produced by dedicated **3 - 5 or 7 layers** co-extrusion lines.

The Stretch Hood film is **highly elastic**, it is used to secure and protect palletised and pallet-less products.

When stretched over a product and then released the film retreats, applying holding force to the load.

**Stretch Hood** combines the benefits of more traditional Shrink Film and Wrap film.



## HOW DOES IT WORK?

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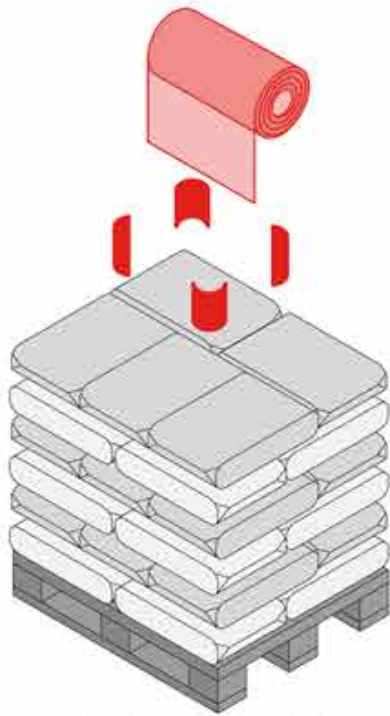
Stretch hood film is supplied in reels. The film is **automatically** unroller, tailor cut, sealed and positioned over the load by the stretch hooding machine.

The circumference of the film is smaller than the load perimeter. During the hooding phase the film is stretched by the **stretch hooder**, thanks to its **elasticity**, fitted on the load, then finally released. The stretched deformation will make the film retreat all around the load, acting as clamping force. The process adds **outstanding products stability** for stacking, handling and transport phases.

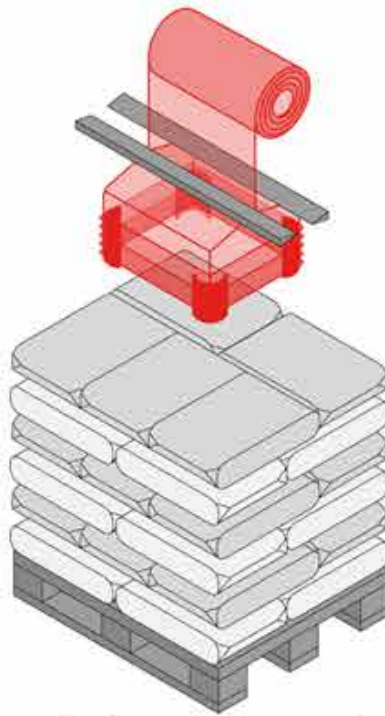


# HOW DOES IT WORK?

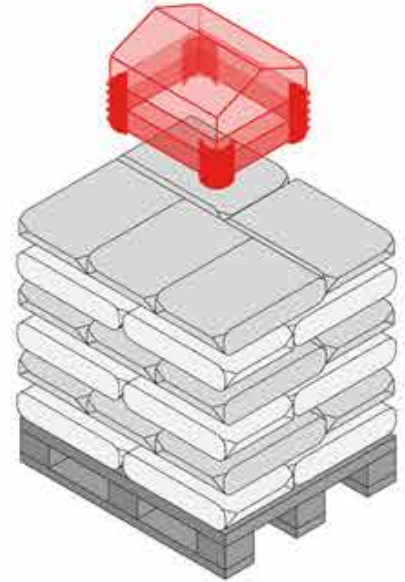
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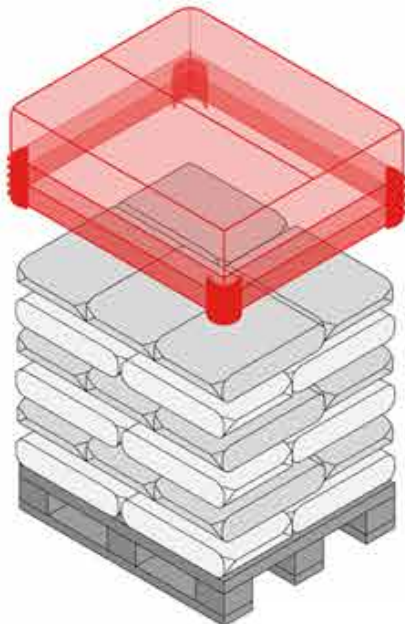
Tubular stretch hood film unwinding and opening from coil



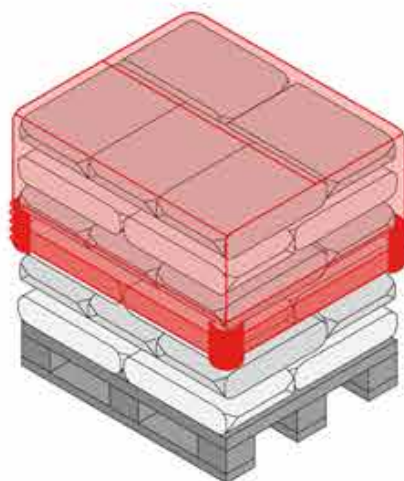
Tailored film cutting and sealing for each pallet



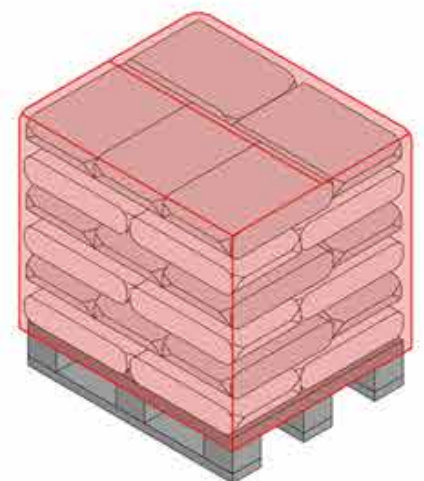
Hood formed ready to be stretched



Cartesian stretch, generates plastic elasticity forces in all directions



Hooding phase adds vertical stretch forces for great load stability

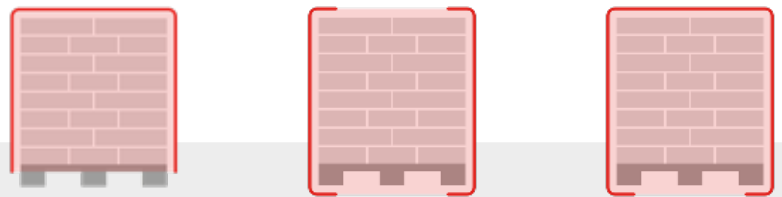


Pallet finish, many possible hood configurations

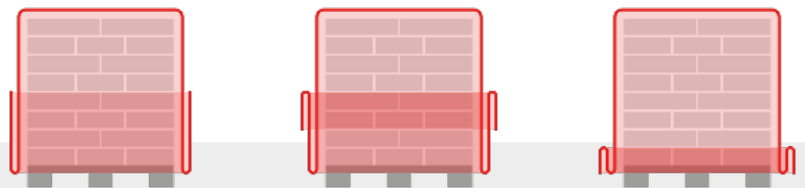
# STRETCH HOODING PALLET FINISHING

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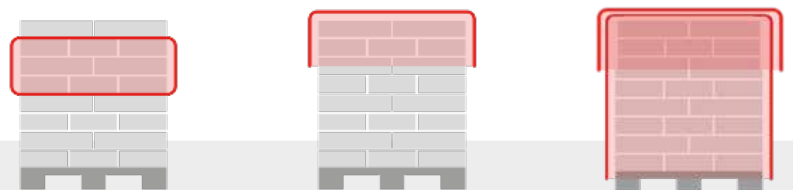
Stretch hooding is a flexible packaging process that allows to do many pallet finishing. The hood type can be diversified on each product depending on its nature, on its journey ahead to get to the final destination, on the marketing and branding requirements.



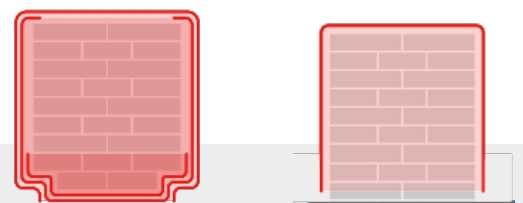
**FULL HOOD:** FOR WATER/DUST/UV PROTECTION



**FILM OVERLAYERS:** TO ADD EXTRA STABILITY



**PARTIAL HOOD:** GREAT BRANDING EFFECTS



**NO PALLET:** TO OPTIMISE TRANSPORT SPACES & COSTS

# STRETCH HOODING PALLET FINISHING

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Stretch hood packaging is fully customisable. The film can be transparent, fully coloured, printed with the company graphics or with the product's instructions. All to grant the greatest packaging professional look and the best company branding.

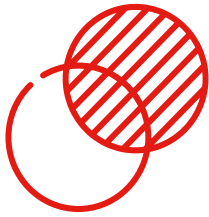


## WHY STRETCH HOODING?

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5-6 sided complete water-weather proof protection suitable for open air storage and transport.



Clear film gives a good presentation to the products, neat and professional packaging, positively impacts buyers/consumers attitude



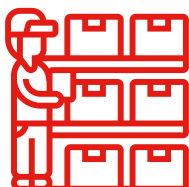
Excellent load stability due to vertical and horizontal stretch forces = safer load to handle and to transport.



Precise film consumption per pallet, easy to budget.



Recyclable films.



High capacity; up to 280 pallets per hour.

# SUSTAINABLE PACKAGING

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## **REDUCED PACKAGING PLASTIC CONSUMPTION**

one single plastic layer to cover the complete load, with tailored length on each load



## **DOWNGAUGE**

the film size or thickness



## **CARBON NEUTRAL**

does not use any heat source, and does not release any gas emission (ghg)



## **RECYCLED POLYMERS (RP)**

stretch hood film is 100% recyclable and can also be produced with a % of recycled polymers

# WHICH MACHINE DO I NEED?

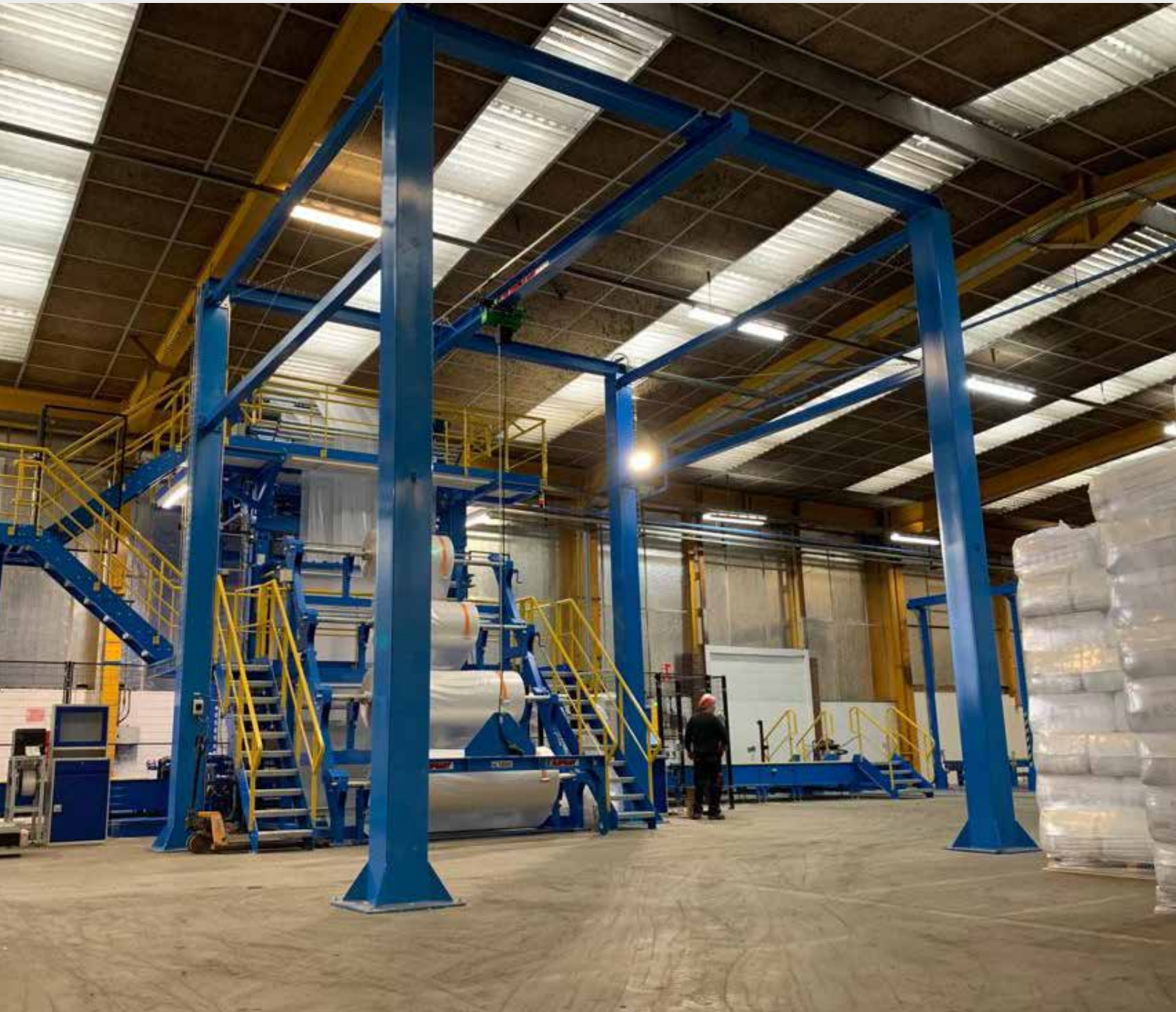
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The stretch hooder selection depends on two main key data

- REQUESTED OUTPUT CAPACITY
- DIMENSIONS OF THE PRODUCTS TO BE PACKED

The requested output capacity is very different for each production site/type of product. We offer a complete range of machines to cover all the production requirements, from 10 loads/hr up to 280 loads/hr.

The machines can work with several film reels ( up to 6 ), allowing to pack a wide range of different load sizes. The stretch hooder size will be dimensioned based on the largest load to be packed.



## FB 1000



Available in: small - std - xl -xxl  
Max pallet size 2600x1400mm  
Capacity: 80 pallets/hr  
Patented system



## FB 2000

Available in: small - std - l - xl - xxl - xxl+ - mega  
Max pallet size 3600x1800mm  
Capacity: 280+ pallets/hr  
Patented system

## STARSTRETCH FB4.0



- Max pallet size: on request
- Capacity: 280+ pallets/hr
- All operations at floor level
- Patented system



## FB 3000

- Available in: small - std - xl -xxl
- Max pallet size 2600x1400mm
- Capacity: 80 pallets/hr
- All operations at floor level
- Patented system

# MACHINES GENERAL FEATURES

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- Can do all pallet finishing
- Allowable films thickness: 20÷200 microns
- Photocells film end, on all reels
- Cartesian stretch, allows many load sizes with one machine
- Vertical stretch on all load sides, thanks to four supporting columns
- Automatic load identification system, and tailored hood for each load
- Multiple reels configuration
- Controllable and adjustable sealing bar temperature
- Fail safe structure with mechanical height stop\_maintenance also



BOGEDI



**CONTACT US**  
info@bocedisrl.com



**Officina Bocedi srl**  
Via del Bosco 31/B  
42019 Pratissolo di Scandiano (RE) Italy  
Ph. +39 0522 767025  
info@bocedisrl.com  
www.bocedisrl.com