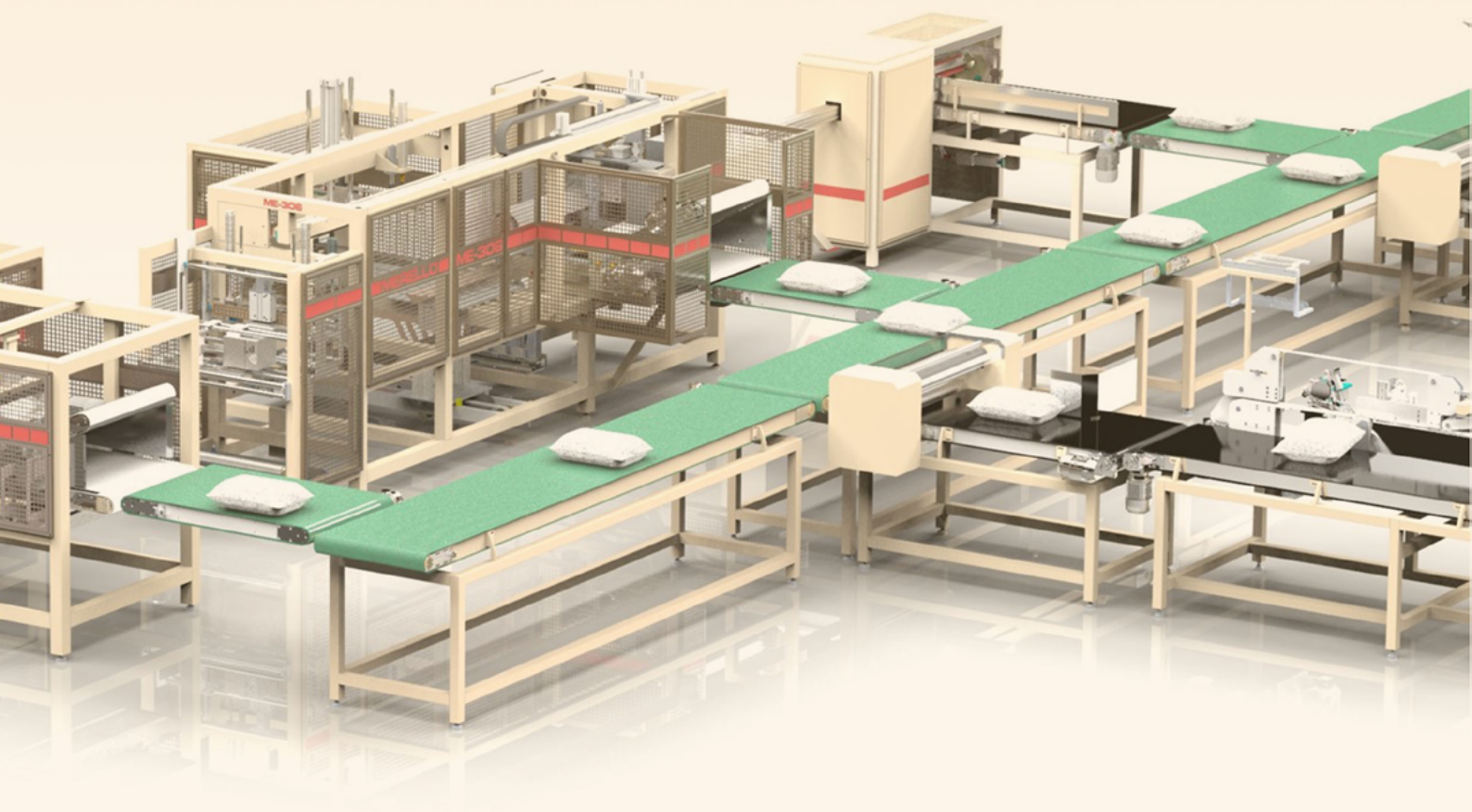


# Mattress packaging catalogue



Since 1994  
manufacturing  
machinery

MERELLO is a company specialized in providing a complete solution to your packaging needs, from the design of custom components to in-house manufacturing with an efficient and professional technical service.

MERELLO brings together a team with many years of experience in the sector, who contribute to the growth, innovation and success of our clients.



MERELLO  
PACKAGING MACHINES

Table of contents

Pillow packing machine	4 - 5
Pillow case machine	6 - 7
Pillow roll pack machine	8 - 9
Quilt packaging line	10 - 11
Pillow roll pack	12
Pillow press & seal	13
Pillow closing	14
Pillow stuffing	15

Visit our website  
for more information





# ME-103 Mattress packaging Machine

**Affordable price,  
performance and compact  
design combined to a great**

**UP TO 2 PIECES/MINUTE**

Machine configurable: from the minimum cost and size, the machine can fit the customer needs by adding features in automation and speed

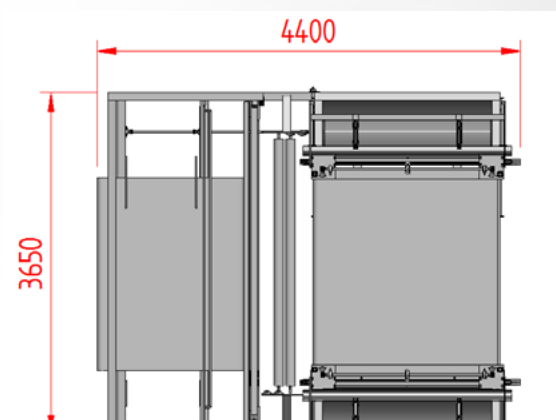
Cold seal bar: provides secure seal in all ranges of film thicknesses. Impulse heat saves energy. Wrapper is always ready to use, no warm up time is needed

Mattress measures: from 170x70x10 to 225x225x50.

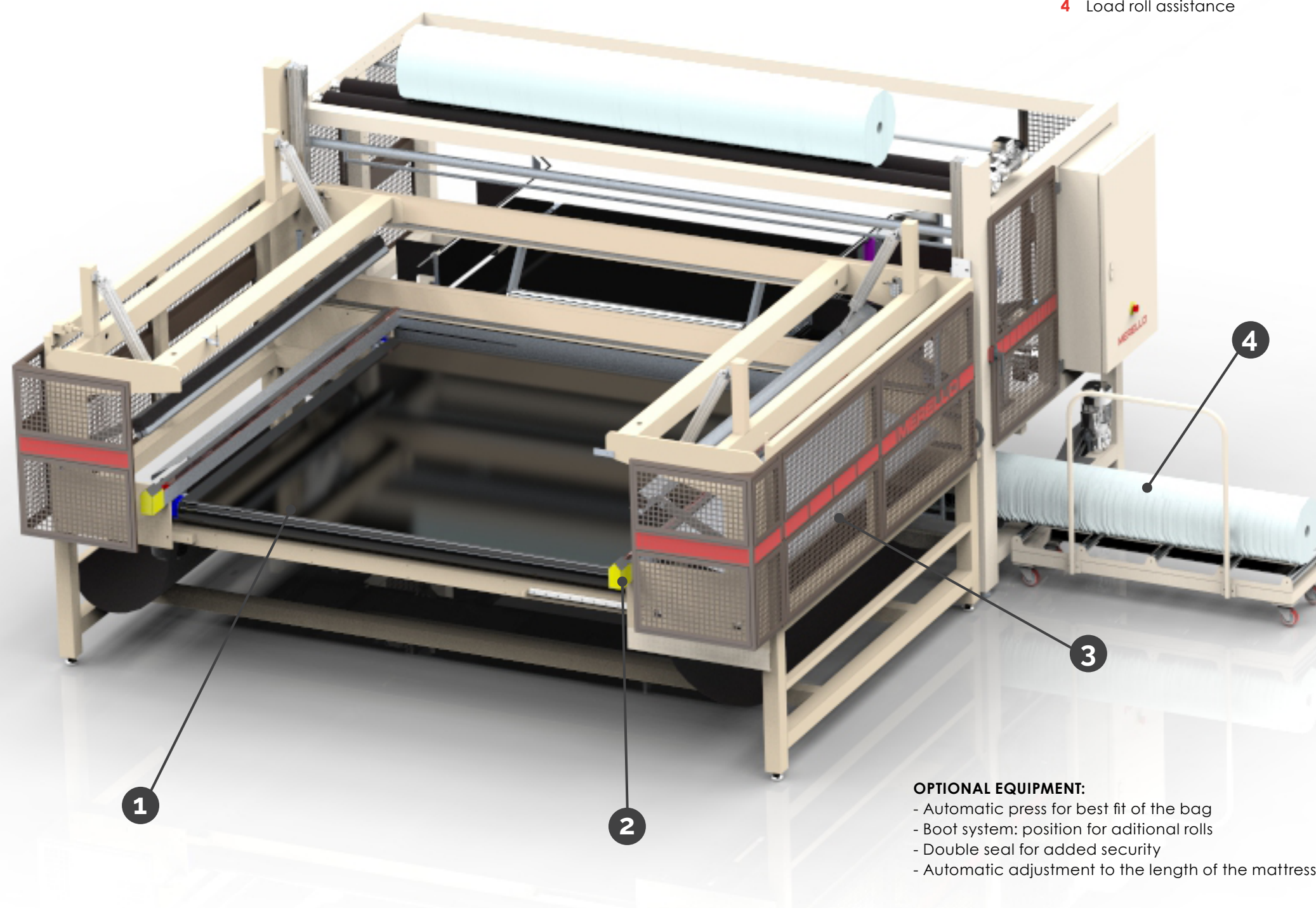
Side trims cut: provides neat appearance of wrapped product. Maintenance free. No vents or smoke as per other's hot wire

Precision engineered: ensures smooth and fast movements in each module. PLC control. Inverters and servo

Safe operation: CE Compliant to latest norms



- 1 Tight packaging
- 2 Double seal (optional)
- 3 Side trims removal
- 4 Load roll assistance



**OPTIONAL EQUIPMENT:**

- Automatic press for best fit of the bag
- Boot system: position for additional rolls
- Double seal for added security
- Automatic adjustment to the length of the mattress



# ME-104 Mattress packaging Machine

**Affordable price,  
performance and compact  
design combined to a great**

**UP TO 2 PIECES/MINUTE**

**Machine configurable:** from the minimum cost and size, the machine can fit the customer needs by adding features in automation and speed

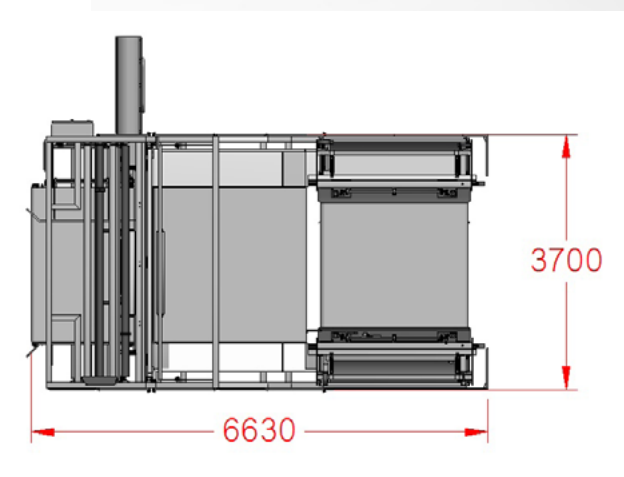
**Cold seal bar:** provides secure seal in all ranges of film thicknesses. Impulse heat saves energy. Wrapper is always ready to use, no warm up time is needed

**Mattress measures:** from 170x70x10 to 225x225x50.

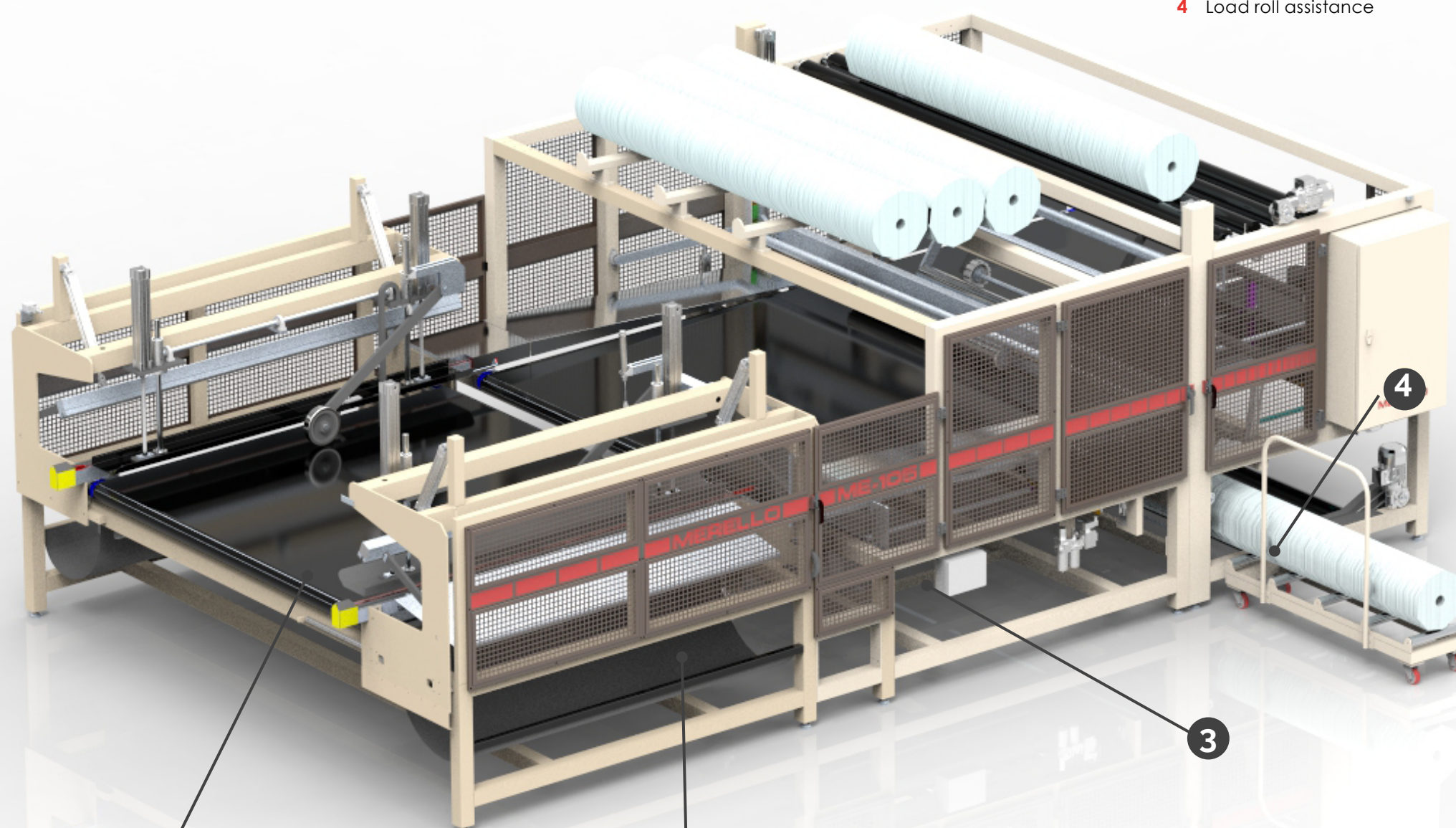
**Side trims cut:** provides neat appearance of wrapped product. Maintenance free. No vents or smoke as per other's hot wire

**Precision engineered:** ensures smooth and fast movements in each module. PLC control. Inverters and servo

**Safe operation:** CE Compliant to latest norms



- 1 Tight packaging
- 2 Double seal (optional)
- 3 Side trims removal
- 4 Load roll assistance



**OPTIONAL EQUIPMENT:**

- Automatic press for best fit of the bag
- Boot system: position for additional rolls
- Double seal for added security
- Automatic adjustment to the length of the mattress



# ME-105 Full automatic Machine

**Wraps all spring, and foam mattresses in polyethylene film, providing a tight, neatly sealed appearance**

**UP TO 5 PIECES PER MINUTE**

**High Productivity:** Auto size detection in all three modules allows independent movement on them, resulting in high speed wrapping over 4 pieces per minute, mixed sizes

**Cold seal bar:** provides secure seal in all ranges of film thicknesses. Impulse heat saves energy. Wrapper is always ready to use, no warm up time is needed

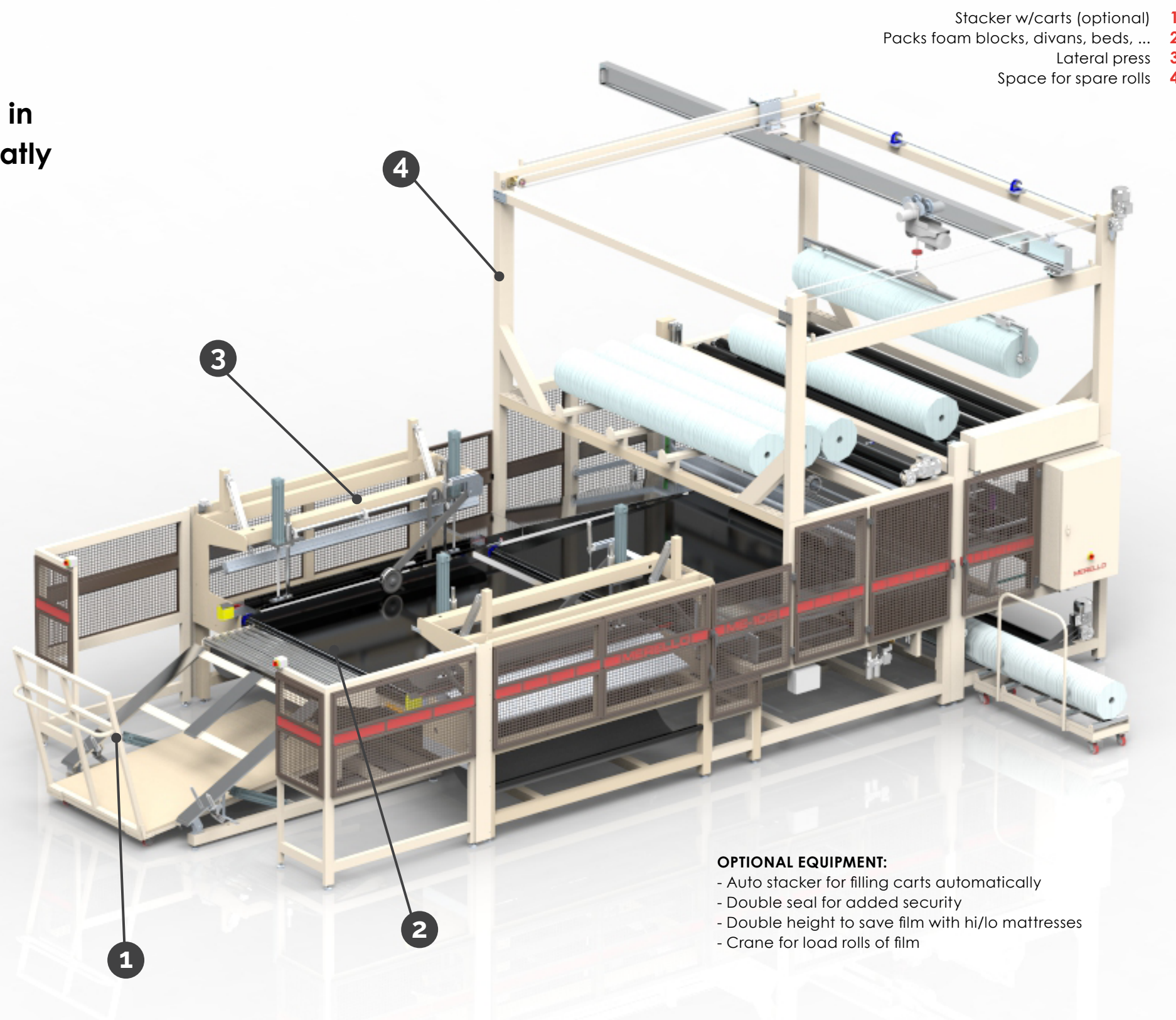
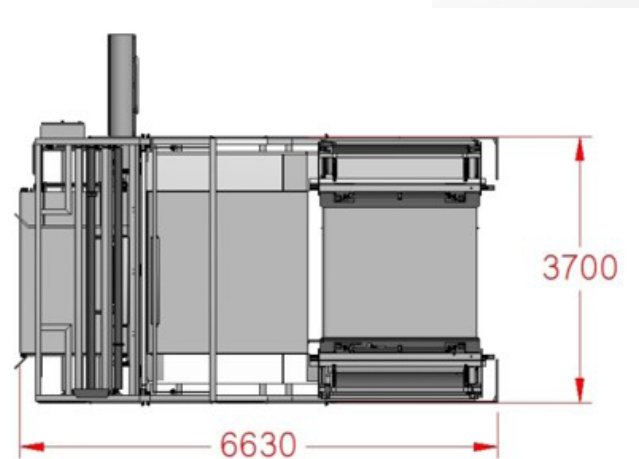
**Mattress measures:** from 170x70x10 to 225x225x50.

**Automatic compression device:** Detects thickness of the mattress and applies the programmed pressure

**Side trims cut:** provides neat appearance of wrapped product. Maintenance free. No vents or smoke as per others hot wire

**Precision engineered:** ensures smooth and fast movements in each module. PLC control. Inverters and servo

**Safe operation:** CE Compliant to latest norms



Stacker w/carts (optional) **1**  
Packs foam blocks, divans, beds, ... **2**  
Lateral press **3**  
Space for spare rolls **4**

**OPTIONAL EQUIPMENT:**

- Auto stacker for filling carts automatically
- Double seal for added security
- Double height to save film with hi/lo mattresses
- Crane for load rolls of film



# ME-406

## The electronic roll pack

### Roll pack mattresses with maximum precision

#### UP TO 4 PIECES/MINUTE

**Electronic 90 Tons servo press.** Quiet, precise and accurate, pressure is controlled to keep pressing profiles and higher speed.

**Patented Roller cage.** Continuous cam allows continuous change of diameter to meet the volume of the mattress during infeed

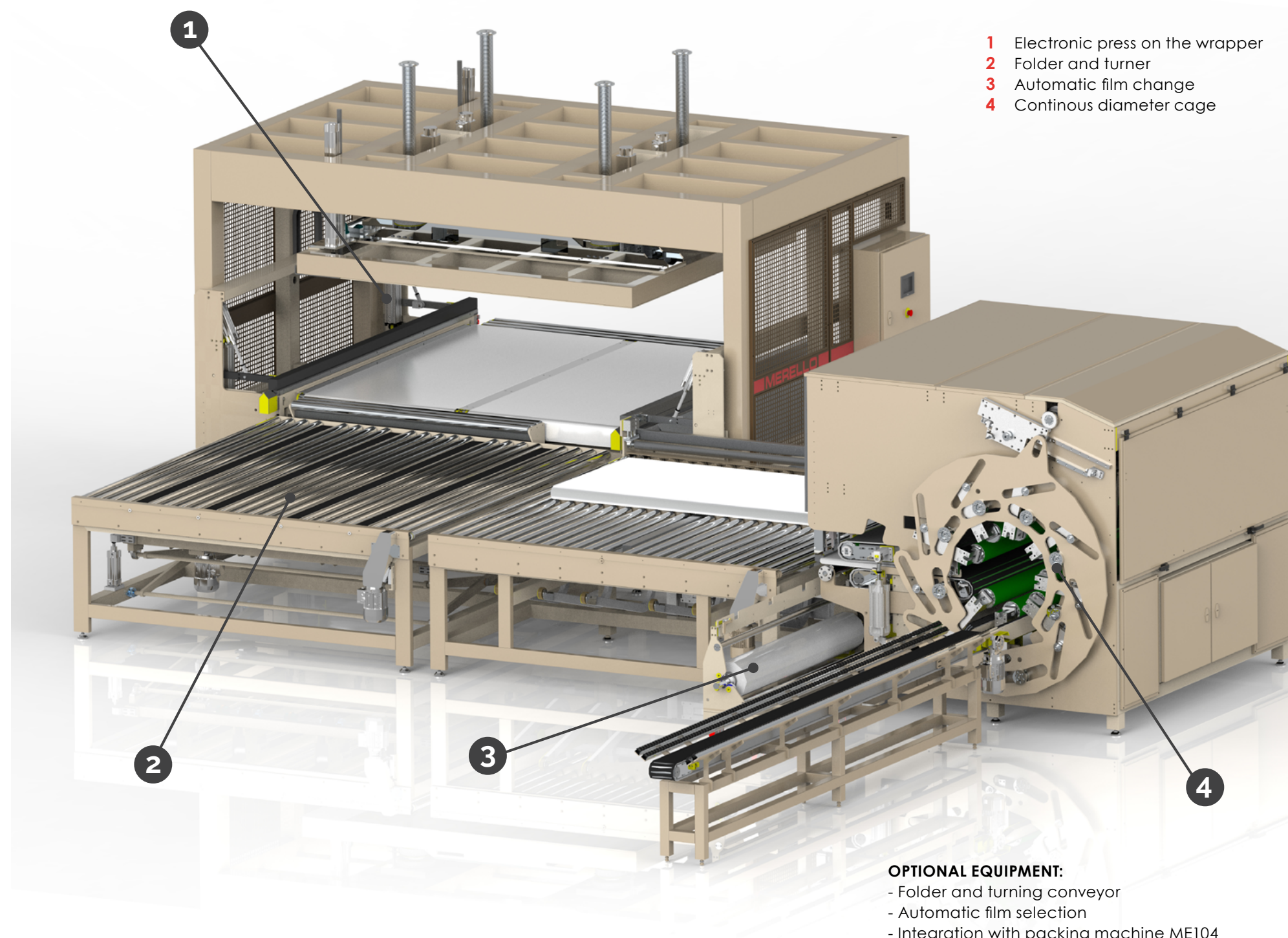
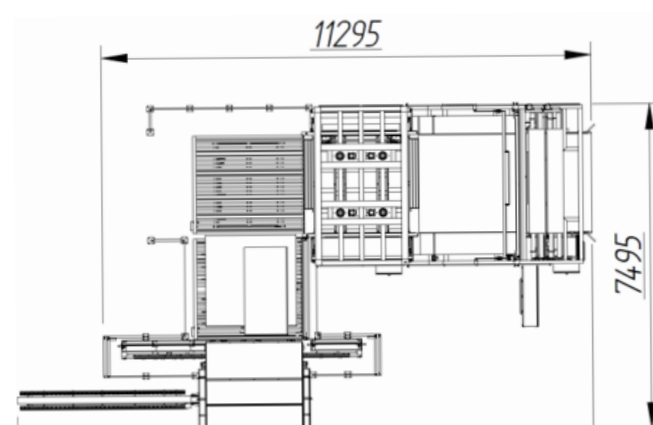
**Motorized rollers** avoid transmission by chain and allow independent movements for each roll

**Full automatic machine** Self adjusting system accepts mixed product length, width and thickness in any sequence

**Servomotor controlled:** Independent adjustment on each module full control and maximum speed

**Precision engineered:** ensures smooth and fast movements in each module. PLC control with touch screen

**Safe operation:** CE Compliant to latest norms



#### OPTIONAL EQUIPMENT:

- Folder and turning conveyor
- Automatic film selection
- Integration with packing machine ME104

# ME-125

## Shrinking tunnel for beds

**Produces heat that reduces the size of the bag for an optimal adjustment**

**UP TO 6 PIECES/MINUTE**

Specially designed for beds and mattresses: its measures match the bed sizes, no extra power is needed

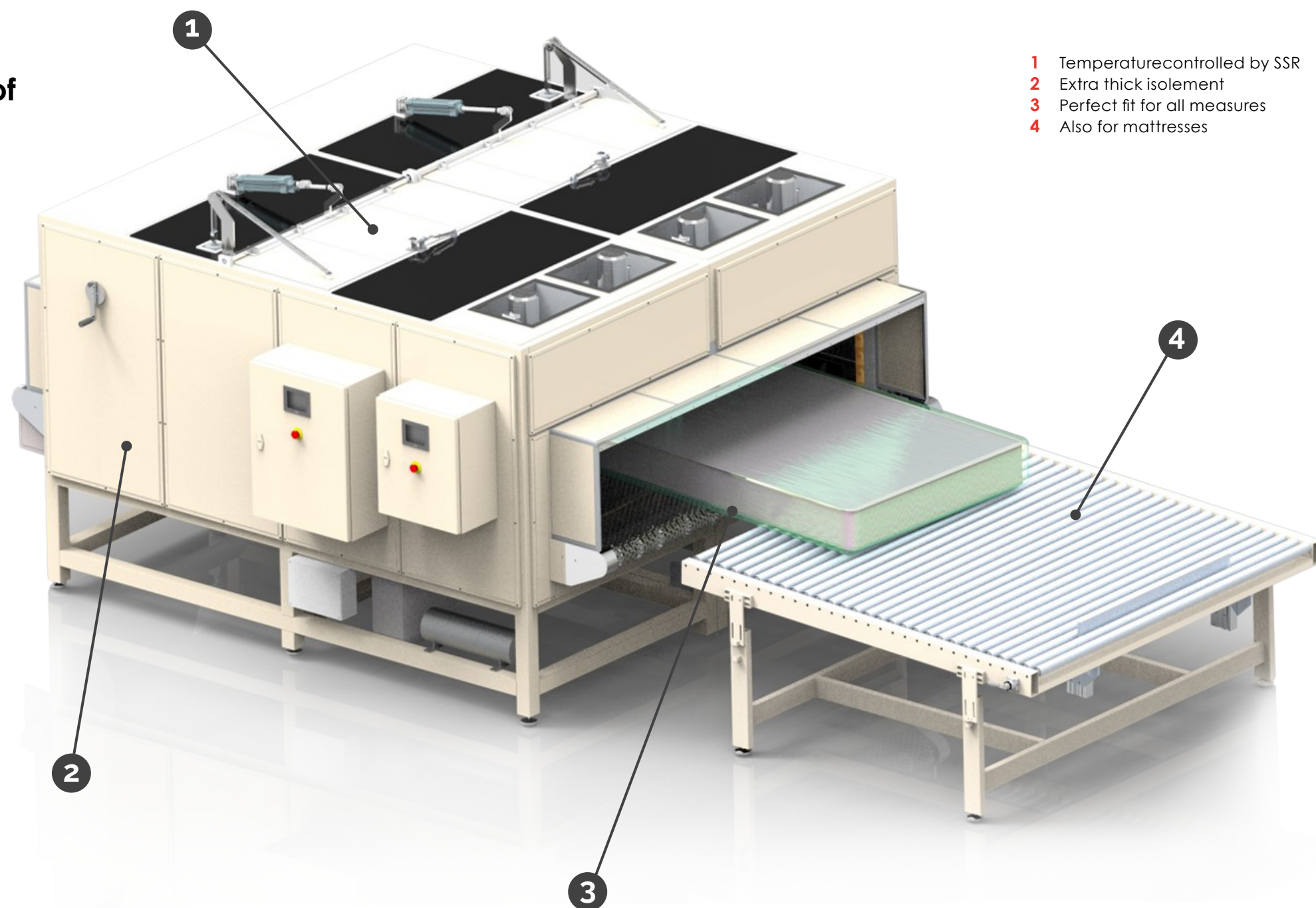
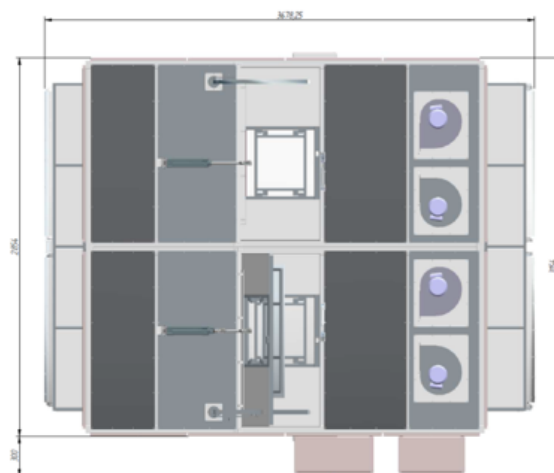
PLC and SSR controlled: allows analogic control of the temperature, with fast reactions (1 second control cycle)

Bed measures: from 170x70x10 to 225x225x50.

Maximum heat isolation: 8 cm mineral wool isolation reduces the energy losses. Power selectable from 20 to 90 KW. Warming time 10 minutes

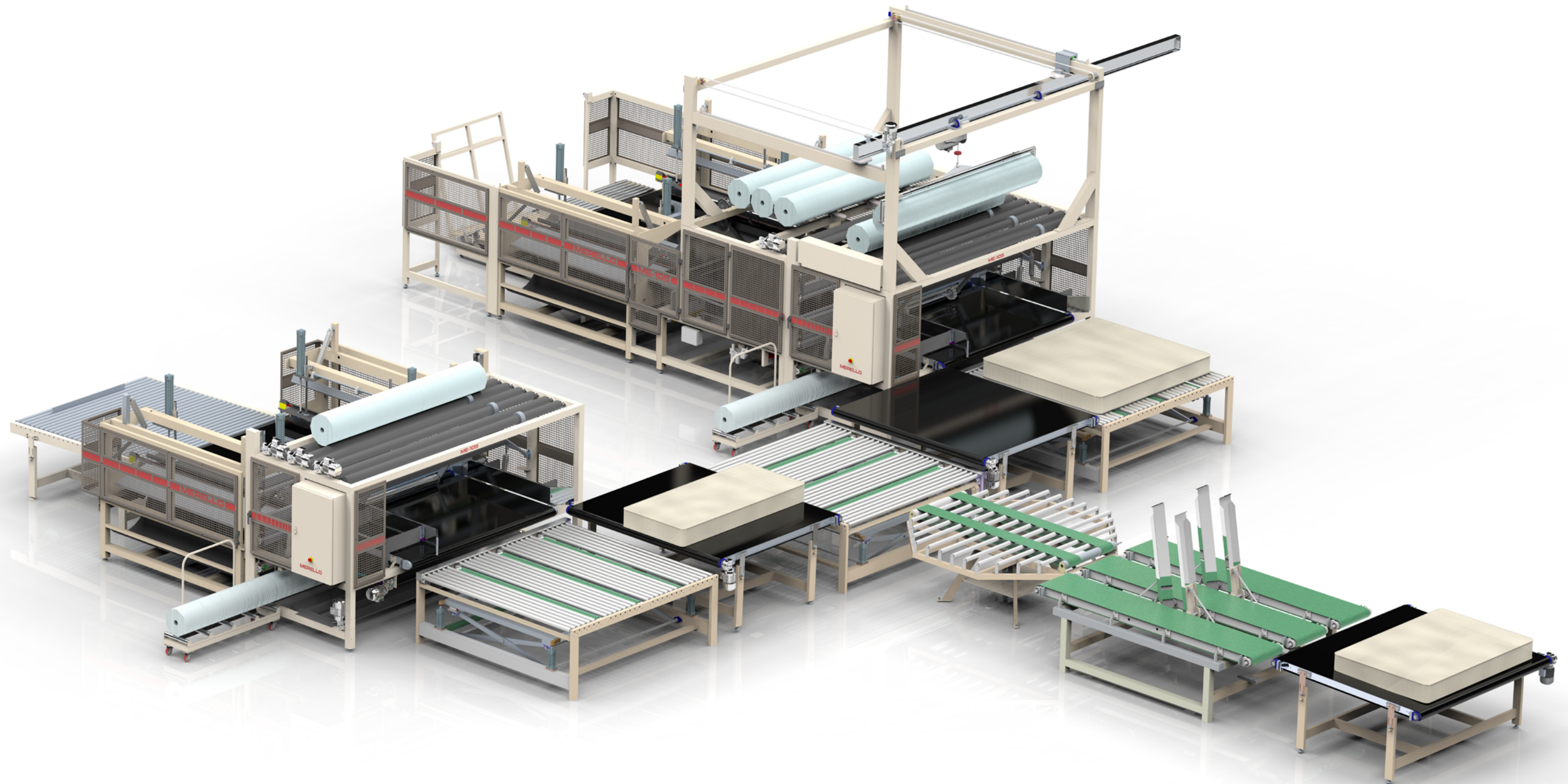
Extreme safety measures: detection of running belt, fans working, electrical consumption, open roof for fast cooldown

Precision engineered: ensures smooth and fast movements in each module. PLC control with touch screen





# Optional Equipment







# MERELLO

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INDUSTRIAL ROBOTICS

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