



LM-CON/2200  
QUALITY CONTROL  
CONVEYOR WITH FLIPPER

YOUR MACHINE PARTNER

This conveyor is designed to allow operators to carry out quality control inspections and mattress cleaning more easily before the product is packaged. Mattresses automatically stay centered on the quality control conveyor. The operator can press a button to lift centered mattresses over the conveyor. They can then conduct a quality control of all sides by rotating the mattresses. Afterwards, by pressing reversing button, it turns the mattress over 180 degrees. Once both sides of a mattress have been checked, the mattress is then automatically transferred to the packaging machine. With its flexible and ergonomic working principle, quality control process is completed without damaging the mattress through turning and rotating.

### GENERAL FEATURES

- It has full automatic mattress centering function and automatic flipping
- Even the heaviest of mattresses are no match for this system
- However, it can also be used as a transfer conveyor line, skipping the flipping and rotating stages altogether
- It prevents any deformation occurred during the flipping and rotating 360 degrees
- With the help of its sensors, it can detect automatically whether there is a mattress in the machine
- The length of the quality control conveyor is 2.4 m and it covers less area than its equivalent
- Since the mattress is rotated on 2.4 m long conveyor, it minimizes the time loss while flipping
- Can be serviced online
- Features a long-life Festo pneumatic system with low air consumption



### APPLICATION AREA

Mattress Industry  
Foam Lamination System

### MATERIALS

Mattress  
Foam



### STANDARD

Flipping Unit  
Pneumatic Mattress Lift System  
PVC Belt Conveyor



### TECHNICAL DATA

LM-CON/2200

Conveyor Size	W:2350 mm L:3100 mm H:900 mm
Conveyor Weight	550 kg
Conveyor Height	900 mm
Capacity	1 mattress/30-45 sec
Max. Mattress Size	W:2000 mm L:2250 H:500 mm
Min. Mattress Size	W:700 mm L:1800 mm H:100 mm
Max. Mattress Weight	150 kg
Lift /Flip System	Pneumatic
Power	0,75 kW
Air Pressure	6-8 bar
Electric	380 VAC (III+N+TT)
CE Certificate	Yes