



LM-PG/5000
COMPRESS PACKAGING LINE

YOUR MACHINE PARTNER

Mattress compress packaging line consists of 2 hydraulic presses and 1 automatic stacker machine. With the help of stacker machine, the pressed and packed products are stacked into a second press at the first press. Following the first press, the products are bound at the second press and the packaging process is completed. 20 mattresses at approximately 20 cm height can be bonded by being pressed up to a height of 1.20 m.

The first press is machine that the mattress is inserted in three-side closed bad-shaped package and open part of the package is sealed. This machine requires two operators to run. The package wrapping process is carried out manually on the table at the front of the machine. Packed mattresses are inserted into the machine. The pressing process is carried out without sealing the mouth of the bag. After pressing, the open mouth of the package is sealed.

With the automatic stacking machine, pressed and packaged products can then be sent to the second press. Once the mattresses have been stacked on the second press, pressing can begin by feeding the mattresses from wooden pallets. As the products are being pressed, they are connected by a strip binding machine. The press is then opened and the product is removed using a forklift.

GENERAL FEATURES FIRST PRESS

The machine has a 100-liter tank and 60 tons hydraulic press system. The pressed table has four bearing system with racks to make a better-balanced press. Lower press conveyor consists of two parts. Thus, provides a stronger press with a stronger base plate. There is a adjustable sealing system on the panel. Double sealing system ensures a safer and stronger vacuum.

By water-cooled sealing unit in welding jaw provides a stronger welding feature. Functional touch screen at the machine.

LM-SR/3300 TELESCOPIC PALLETIZING CONVEYOR

This system is used to automatically place those mattresses that have been stacked by an automatic stacking machine onto pallets without requiring any labor force. It is also used to stack packaged foam, mattresses, and box springs onto pallets. The conveyor increases efficiency and reduces the amount of labor needed after packaging. With its flexible structure, it can easily be adapted to any part of your production line. Occupational diseases caused by lifting are prevented.

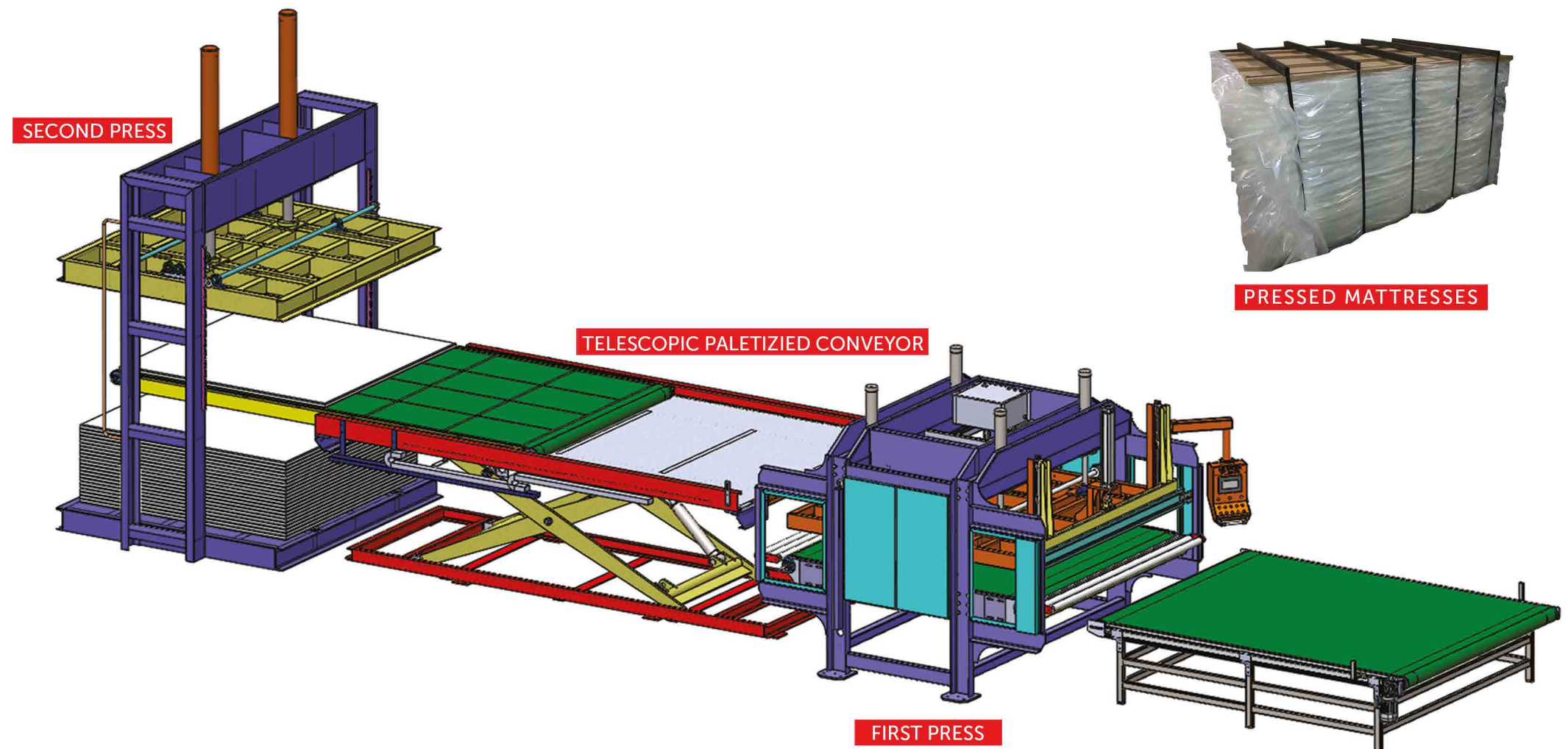
It can work as a solution for sealing, packaging, and foam cutting lines. It is able to stack mattresses of varying sizes and weights without requiring any adjustment. Thanks to automatic stacking, a better and more stable mattress alignment is ensured.

By stacking mattresses automatically, an operator is not required.

The conveyor is highly ergonomic and promotes a safer working environment. It also provides an opportunity to use different pallets and carriers.

The machine uses sensors to automatically detect whether a mattress is present or not. Can be serviced online.

The hydraulic lifting system means that stacking heavier products is easier than ever before. The machine can also be used to stack and pack pressed mattresses into a second press.



APPLICATION AREA

Mattress Industry
Foam Industry

MATERIALS

Foam, Latex
Pocket Spring, Bonel Spring/Foam Mattress
Polyethylene Film

SECOND PRESS

The machine has a 100-liter tank and 60 tons hydraulic press system.
The pressed table has four bearing system with racks to make a better-balanced press.
Products measuring up to 2 m can be fed inside the press
It can press up to minimum 500 mm.

OPTIONS

Entrance Feeding Conveyor
Pneumatic Nylon Waste Cutting System

DETAILED EQUIPMENT DETAILS OPERATOR TOUCH SCREEN

Machine heat setting, sealing and cooling times are adjustable through the touch screen. It ensures maximum sealing quality in case of using a different packaging.

STANDARD

Hydraulic Press Unit
Telescopic Palletized Conveyor
Operator Touch Screen
Water-Cooled Sealing Unit
Package Wrapping Table



WATER-COOLED SEALING UNIT

Cooling is carried out during the sealing process by passing pressurized water through the sealing unit. Rapid cooling of the sealed package maximizes the binding quality. The water-cooling process involves a patented custom-extruded sealing unit, water tank (40 L) and water pump.



ENTRANCE FEEDING CONVEYOR

It enables the product to be inserted to the packing easier during the preparation phase. It eases the transfer of the pre-packaged products into the press. Thus, prevents labor and time loss

PNEUMATIC NYLON WASTE CUTTING SYSTEM

Following the sealing process, the waste section of the sealed bag is cut off to ensure a smoother look

