



LM-PG-R/4100
SEMI-AUTOMATIC PRESS AND
ROLL-PACK MACHINE

YOUR MACHINE PARTNER

It is a semi-automatic packing machine that presses foam, spring mattress and mattress pads. The product that is inserted in three-side closed bag-shaped package is pressed by 60 tons hydraulic press and open part of the package is sealed.

The pressed product is vacuumed by closing the mouth part. Afterwards the product is automatically transferred to the roll-pack unit. In this unit, the product is wrapped in roll-form and the package process is carried out by wrapping stretch unit.

An optional boxing system can be installed on the rear end of the machine. An optional pre-feeding conveyor at the inlet of the machine. Machine consists of two parts: prepress and back roll pack unit.

APPLICATION AREA

Mattress Industry

MATERIALS

Foam
Spring /Foam Mattress
Mattress Pads
Quilted Panels and Duvets



GENERAL FEATURES PRE-PRESS UNIT

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.

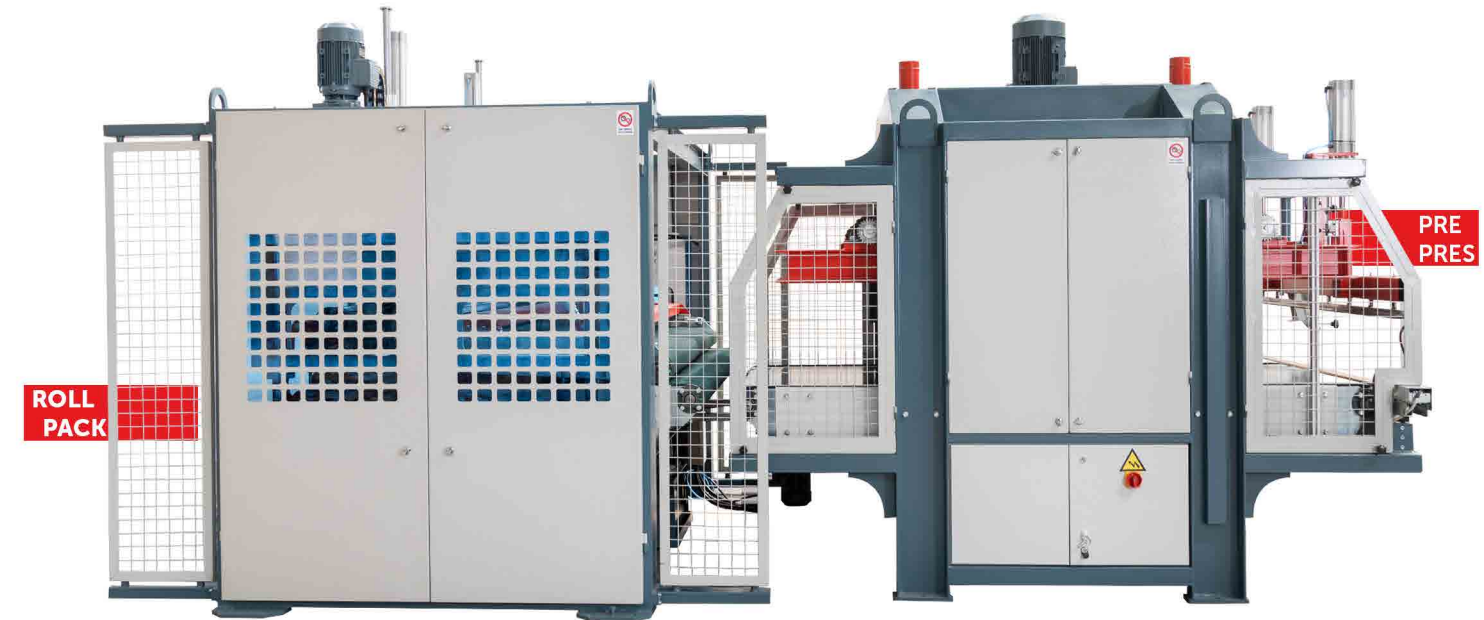
Lower press conveyor consists of two parts. Thus, provides a stronger press with a stronger base plate.

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.



BACK ROLL PACK-UNIT

The pressed and packed product enters the packing machine where it will be rolled.

The strength of the package is increased by wrapping the stretch film on the rolled mattress.

The required roll diameter is adjustable through the screen by the operator.

An optional boxing system can be installed on the rear end of the machine to box the product automatically.

Rolling is a fully automatic process with no manual intervention required.

The rolling drums are made of steel drawn (seamless) pipes with a 20 mm thickness. This ensures the machine's durability and longevity.

By passing aluminum pipes on the rolling drums, product alignment is maintained and product damage is prevented.

The diameter adjustment system is hydraulic. If the operator inputs the wrong diameter, the system will expand itself automatically by checking the pressure.

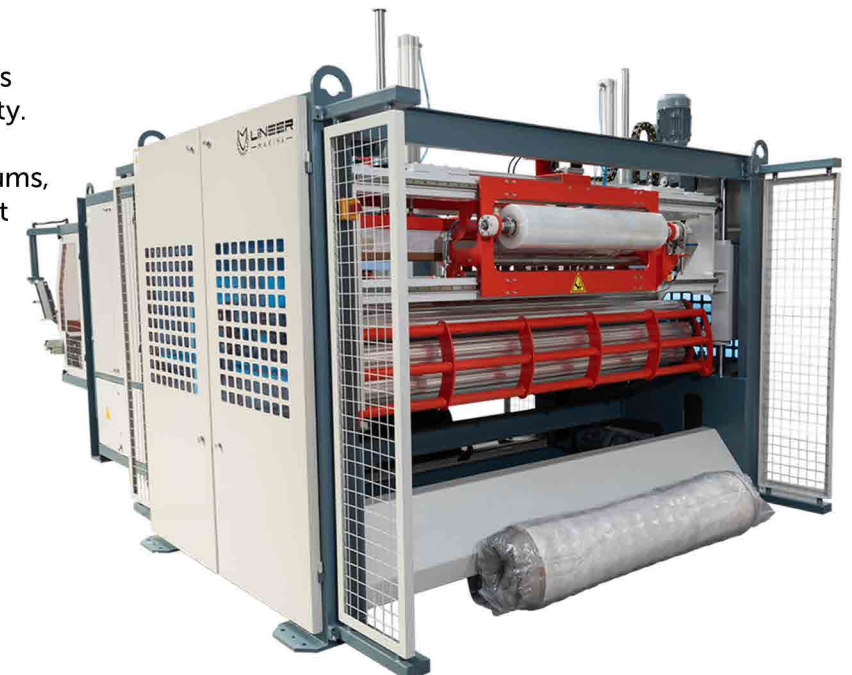
The wrapped stretch film layer can be adjusted from the operator panel.

STANDARD

Hydraulic Press Unit
Roll-Pack Unit
Control Panel
Water-Cooled Sealing Unit

OPTIONS

Rear Carton Boxing System
Entrance Feeding Conveyor



EQUIPMENT DETAILED INFORMATION
REAR CARTON BOXING SYSTEM

The machine allows the roll-pack processed product to put in the box without requiring any labor efforts. Thus, saves time and labor

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.



TECHNICAL DATA		LM-PG-R/4100
Machine Size	W:3200 mm L:5400 mm H:2700 mm	
Weight	8500 kgs	
Capacity	1 mattress/50 sec	
Max. Mattress Size	W:2100 mm L:2200 mm H:480 mm	
Mattress Exit Diameter	260-500 mm (Adjustable)	
Maximum Press Power	60 tons	
Roller Packing System	PE or Stretch Film Roller & Sealing	
Voltage	380 VAC (III+N+T)	
Power	15 kW	
Pressured Air	6 bar	
Ce Certificate	Yes	



TOUCH SCREEN



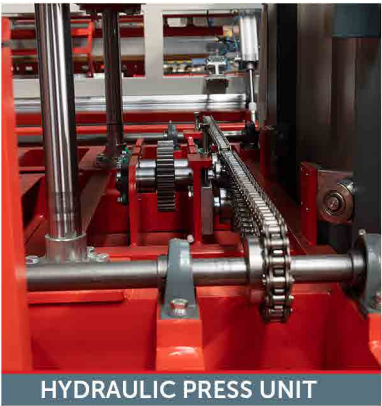
MACHINE SAFETY BUTTON



MACHINE SAFETY SENSOR



WATER-COOLED SEALING UNIT



HYDRAULIC PRESS UNIT



PACKAGING UNIT

