



LM-PG-R/4300
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 rolled-up and wrapped product is pushed into a bag on the side of the machine to be packaged. An optional pre-feeding conveyor at the inlet of the machine.

Machine consists of two parts: pre-feeding conveyor and back roll pack unit. A total of two operators are required to run the machine: one operator at the pre-feeding section and one operator at the roll-pack unit.

APPLICATION AREA

Mattress Industry
Foam Industry

MATERIALS

Foam
Pocket Spring/Foam Mattress
Mattress Pads
Polyethylene film

STANDARD

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

GENERAL FEATURES PRE-PRESS TECHNICAL FEATURES

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.

OPTIONS

Entrance Feeding Conveyor

EQUIPMENT DETAILED INFORMATION

ENTRANCE FEEDING CONVEYOR

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



TECHNICAL DATA

LM-PG-R/4300

Machine Size	W: 2300 mm L: 8500 mm H: 2600 mm
Machine Weight	7000 kg
Capacity	1 mattress/40 sec
Max. Press Power	60 tons
Roller Package System	PE, Stretch Film Rolling & Sealing
Max. Mattress Size	E: 2100 mm B: 2200 mm Y: 350 mm
Roll-Pack Diameter	320 mm
Electric	380 VAC (III+N+T)
Power	12 kW
Air Pressure	6 Bar
Ce Certificate	Yes