



LabKab

Fully automated bag emptying system



LabKab

Introduction

Laboteks LabKab machines are built with the latest technology in automatism for the discharge of materials retained in bags/sacks piled up in pallets. A full pallet with bags/sacks of 25 kg each is placed in front of the machine which by means of a movable trolley, grabs the bags/sacks and discharges its content completely. The effectiveness is of 99.9%.

The LabKab machines are controlled by a PLC and operated through an intuitive and easy-handling 7-inch touch screen. The system has first-class motor reducer gear and optical and inductive sensors. It also counts with a security barrier and emergency stop. The trolley that grabs the bags/sacks consists of 8 shafts of hooks. The cutting system possesses a shaft with stainless steel cutting discs which have a template process.

The new enhanced LabKab consists now of 2 parts which makes it considerably easier to handle in the shipping.



LabKab T6

LabKab T6 and T12 - full automatic

Fully automatic machines for the opening and emptying of bags/sacks.

Allows an increase in speed in the material's discharge process with no need for specialized operators. The automation is executed with Festo pneumatic technology.

LabKab with incorporated stacker and belt conveyor



Technical Data

Type	LabKab T6	LabKab T12
W x H x L mm	2280 x 3600 x 5150	2280 x 3550 x 6580
Capacity	6 tons / h	12 tons / h
Weight	2600 kg	2800 kg
Energy consumption	9 kW	13.5 kW

- Materials to discharge: Pellets, grains, dust and others
- Compatible with bags/sacks of plastic, jute and knitted polypropylene
- Low energy consumption, reduction of raw materials and maintenance costs
- TÜV and CE approved

LabKab 12 empties a full pallet with 11 layers of bags (55 bags) in 7 minutes. Its feeding, as well as the removal of the empty pallet, are carried out by means of a forklift. The rest of the operations involve no human intervention.

Compatibility: A belt conveyor that feeds full pallets and another belt conveyor for the removal of empty pallets can be incorporated.

Pallets can be discarded or piled up with another peripheral: The stacker.

A compactor is another option to consider for this unit.



Intuitive and easy-handling 7-inch touch screen

Options

Empty bags compactor: A highly efficient and economical solution to compress empty bags to a hugely reduced volume.

W x H x L: 700 x 1130 x 2176 mm

Stacker: Takes empty pallets that are discarded by the LabKab 12T machine with no operator intervention.

W x H x L: 1210 x 2160 x 3145 mm

In belt conveyor: Modular system that allows the automation of the load of full pallets. Legs and adjustable rails/tracks for height and position.

W x H x L: 1700 x 561 x 1837 mm



24 months warranty

Labotek offers 24 months warranty
- excluding wear parts

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