BP150

Semi-automatic solution for side loading, modular, compact and flexible load. Designed for low per minute production speed.

With this generation of packers, the market needs in automating the end of line products whose regular forms are readily manageable at high production volumes are catered to.

The stack is made by lifting with side support, forming the different layers programmed with complete accuracy in terms of counting.

Cases should be placed manually on the front side waiting to be filled.

Once the full cluster is obtained, the set of containers is conveyed to the inside of the case, leaving space for closing flaps and applying adhesive tape.

The **BP-150** is a semi-automatic, modular, compact and flexible side packer, designed for low per minute production speed.

Characteristics

> For packing of rigid parallelepiped containers that can be combined with each other.
> Case packaging introducer, with automatic position control, ready for closing.
> Rapidly changes the mechanical format and stores them in a PLC.
> No introduction device in the absence of case.
> Electrical and mechanical protections as per regulations.
> Designed for low case production per minute.
> Valid for RSC case.
> Simplicity and adaptability to different sizes and/or formats.

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Product input
Product feeding conveyor is 1000 mm long and 300 mm wide, with a working height of 910 mm. The feeder detects accumulation of containers, and sends a signal to stop the machine before any anomaly occurs.

Stacker
Stacking of packages through a pneumatic lift, which builds up the levels on the tilting flap system with side guidance of the product, until the number of levels pre-set in the program is achieved. The height of the containers in the entry position of the stacking should be 25 to 70 mm. For greater heights, the standard height of hatches should be amended.

Shape of case
The case is made manually. Once it is formed and sealed from beneath, the case is placed against the mouth and the trigger is actuated to set the arm case.

Insertion of the case
Combined introducer group using pneumatic pusher, which with the help of a guide of the case flaps installed thereto, ensure transfer process of set of product packs into the case.

Case outlet
Automatic case outlet with positioning thereof on the output roller.

Man/machine interface
All security or system failure elements, such as accumulation of product on the store conveyor, doors or protections not closed, presence of case, malformed case, lack of air pressure, etc. are displayed on a display screen built into the operating panel for quick location.

Being an open system, the staff has access to counters, timers, etc. without the need of specialized personnel, because of the simplicity of its use.

All electrical machine command is centralized in a PLC, allowing versatility and speed or system changes.

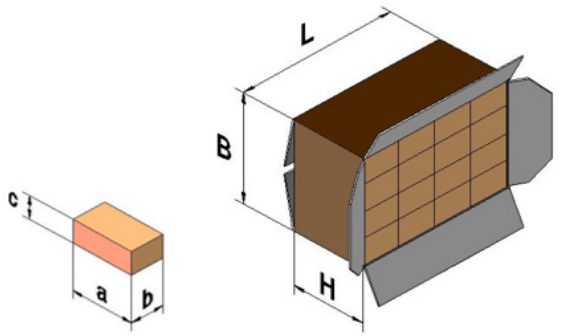
PRODEC has brought together a team for developing these outstanding design features and functionality detailed below:

Compact design
All the functions described are developed in a versatile, efficient and compact equipment, occupying a small and simple handling space for the operator. Robust and transparent from any constructive conception angle, it allows one to observe all mechanisms and operational functionality from the outside.

Accessible
The clean, open design without mechanical barriers, greatly simplifies all interventions required on the equipment, whether by a change in format or a simple cleaning and maintenance regulation or routine.

Technical information

Power Consumption	0,5 Kw		
Air consumption	26 L/cycle		
Air pressure	6 Bars		
Capacity	Production of up to 200 cases/min according to the group		
Color	Metallic gray		
Case dimensions	L	A	H
	200/500	150/300	150/300
Product measurement	20 / 65 (optional up to 100)	80 / 200 (optional up to 250)	



Flexible
Its advanced concept allows an expansion of its functions to suit the required project needs.

Ergonomics
We have used specific design methods for its development to optimize the comfort and convenience of staff working on the machine.

Information Management
A powerful software developed by our technical team allows you total control over the device functions. You can also perform simple formatting changes through the incorporated touch screen. Through this, it is possible to verify production efficiency for shifts or slots, making it an effective analytical instrument. It is ready to integrate various lines of work according to the standard OMAC.

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