

PX-4 V

AUTOMATIC PALLETIZER FOR SECONDARY PACKAGING (BOXES OR PACKS).

It is an electro-mechanical actuating equipment designed to palletize secondary containers (boxes and packs), being able the machine operator select the layout of packs in the platform and the quantity of boxes to be stacked. ONELITE software allows between the HMI touchscreen 15" setup the layout and the quantity of boxes to be stacked on the pallet. According to this created provision and other data loaded, the equipment automatically positioned the boxes on the pallet while this boxes enter to the machine.



Also allows memorize setting parameters in different recipes to be easily machine setup when palletizing the same product. Adjustable operation speed by means of a single parameter, maintaining the synchronism of the whole machine.

The machine has USB and Ethernet ports for data transfer with other equipment.

Built on stainless steel. Designed to withstand the acceleration of the movement of manipulator axes. These axes have great acceleration and speed of displacement, reducing considerably the operation times.

A conveyor through the boxes enter to the machine, where sensor captured and taken by the axes.

The equipment is suitable for using European (1200 x 800mm) and American (1200 x 100mm) types of pallets, according to ISO standards.

Main Features

- Easy speed adjustment from the control panel.
- Simple and fast change of boxes size between digitals setups.
- Adequate safety system that guarantees reliable operation of the equipment, preserving the safety of the operator.
- USB and Ethernet ports for transferring data with other equipment and downloading the Event Log.
- 15" touchscreen control panel provides easy operation of machine.
- Generation/restore and unloading of system backups.
- Quality control of computerized system according to guidelines given by GAMP 5 and 21 CFR Part 11 (FDA).

PX-4 V Technical Data

Dimensions		2580 x 1710 x 3304 mm (length x width x height)
Weight		650 Kg
Voltage		3 x 380 V + G+ N
Installed Power		8 Kw
Compressed Air		6 bar (87 PSI)
Noise level		< 70 dB(A)
Production capacity		10 - 12 boxes/minute
Admissible products size	Length	150 - 350 mm*
	Height	50 - 250 mm
	Width	80 - 200 mm
Admissible Pallet	Length	1200 mm
	Width	1000 mm
	Height	1300 mm
3D manipulator		Festo

Is a robotic equipment with Cartesians axes, driven by servo-motors, designed to palletized packaging (boxes and packs).