



CV16

MAPAM

Packaging Machines

The CV16 is a easy, safe and reliable vertical packaging machine which forms, fills and closes various kind of packs like pillow bags, "square bottom" bags sealed on three sides with central, lateral or four-corner vertical sealing, thus satisfying any production and format requested by the customer.

This machine is made with a sturdy aluminum frame with integrated electrical panel and coil holder unit.

Every part in contact with the product is made of 304 stainless steel.

The CV16 is managed entirely by PLC and thanks to an intuitive 7" touch screen panel, on which all the parameters are displayed, it is extremely easy and intuitive to use for the operator.

The wrapping material is taken from a single reel and the sheet is modeled on itself by means of a forming unit.

Two tracking belts placed on the side of the former tube, allow a perfect scrolling of the film that in the successive phases it is welded, filled and cut until the bag is obtained.



TECHNICAL DATA

- Coil: diam. Max 350 mm.
- Coil core: diam. 70/80 mm.
- Noise: < 75 dB
- Absorbed power: 3 Kw.
- Standard tension: 400 V +N+T 50 Hz. 16A
- Max pillow bags width: 270 mm
- Max coil width: 570 mm
- Wrapping material: Coupled material, polypropylene material
Opz.: Polyethylene
- Max mechanical speed: 50 cycle/min. (the speed can change based on the product to be packed and on the dimension of the bags)



PRODUCT:

Granular, powdery or liquid product like: Coffee, pasta, rice, candy and much more.

PACKS:

- Square bottom bags with central vertical seal.
- Square bottom bags with lateral vertical seal.
- Square bottom bags with 4 side vertical seal.
- Pillow bags.



OPTIONAL

Mechanically driven horizontal welding unit with built-in cutting elements.

Gussets unit for making square bottom bags.

Side guide device with photocell for wrapping material centering.

Exit bags belt.

Group for inserting/welding the degassing valve inside the bags.

Dry hot marker for exp or batch date.

Thermal transfer marker group with frame equipped with adjustment for image centering.

Group for nitrogen inserting inside the bags.

Rotating table for accumulation of outgoing bags.

Additional former group.

Remote assistance module.

Additional support frame complete with protections and access ladder for multi-head control and inspection.

Realization of external casings in stainless steel.

WEIGHING AND

SCREW DOSER DC19



The doser has a steel structure with each part in contact with the product made in stainless steel and its complete with

a loading hopper which, placed above the packaging machine, is able to dose various kind and quantities of product based on its type.

ROTARY VOLUMETRIC DOSER WITH FLAP DISCHARGE DVR18

The doser has a steel structure with each part in contact with the product made in stainless steel or food grade polyzene. The product loaded inside the loading hopper which is equipped with a level sensor, by falling fills the cups which in rotation are filled and shaved by a brush.



DOSING SYSTEM

MULTIHEAD WEIGHER

The multi-head weigher consists of a central cone which distributes the product in various linear vibrators which have the task of feeding the pre-dosing hopper into which an



approximate weight is unloaded. The pre-dosing buckets in turn feed the weigh buckets supported by load cells. From these in combination will derive the weighing. Based on the kind of product and the speed needed, the multihead weigher can be made with 10/14 or more "head weigher".

DOUBLE HEAD WEIGHER PCV2-19



The product is placed inside the loading hopper which fills the underlying channels, which through vibration

will feed two weighing hopper connected to load cells for automatic weight control and management. Once the weight has been reached, the unloading will take place alternately between the two head.

SINGLE HEAD WEIGHER PCV1-19



The product is placed inside the loading hopper which fills the underlying channel, which through vibration will feed the weighing hopper

connected to load cell for automatic weight control and management. Once the weight has been reached, the unloading will take place and the cycle restart automatically.

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