



CI1000

MAPAM

Packaging Machines

The CI1000 is an inclined vertical packaging machine designed to pack fragile products. Its inclination facilitates the descent of the product avoiding it stress during the falling to the packaging phase.

It forms, fills and close both pillow and "square bottom" bags sealed on three sides with central vertical welding, lateral or on the four corners, satisfying any production and format requirement requested by the customer. It has a sturdy structure in painted steel and aluminum or completely in 304 stainless steel. The electrical panel and coil holder unit are integrated as to optimazing the dimension. And every part in contact with the product is alwise made of 304 stainless steel.

The CI1000 is managed entirely by PLC and thanks to an intuitive touch screen panel, on which all the parameters are displayed, it is extremely easy 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 group.

Two towing belts placed on the side of the forming tube, allow the perfect sliding of the film which in successive phases it is welded, filled and cut until the bag is obtained.



TECHNICAL DATA

- Bobina film: diam. Max 350 mm.
- Anima bobina: diam. 70/80 mm.
- Rumorosità: inf. 75 dB
- Potenza installata: 3 Kw.
- Tensione standard: 400 V +N+GND 50 Hz. 16A
- Larghezza max sacchetto a cuscino: 500 mm
- Larghezza max bobina: 1040 mm
- Materiale d'incarto: Accoppiati, polipropilene Opz.: Polietilene
- Velocità meccanica: 40 cicli/min. (la velocità può variare in base al prodotto che si vuole confezionare)

PRODUCT:

Ideale per prodotti da panificazione, freschi o surgelati come: biscotti, pane, dolci secchi/glassati, mini grissini o prodotti alimentari fragili in genere.

PACKING:

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



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 DOSING SYSTEM

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.

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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Via 1 Maggio, 15 40057 Quarto Inferiore-Granarolo dell'Emilia - Bologna - ITALY

Tel.: 0039 051 767363 Fax.: 0039 051 4074908

e-mail.: info@mapam-bo.com

www.mapam-bo.com

