

The Vol.Mec.® loader is the new edition of the typical volume loaders at gravity. Since many years they have been employed to feed the chains of the flowpack, portioning the backed products (Biscuits, cracker and rusks) set on edge.

The great design capacity and the deep experience of the working team who developed this system, has contributed to realise a better working, a bigger reliability, accessibility and aesthetics compared to the features of the old generations machines.

Great care has been dedicated to all mechanical parts, which according to the Premec policy are produced directly here by their work-shop. The electronic control has been designed with an interface operator with touch screen, which is simpler and intuitive.

This system has diagnostic functions to identify and to correct all types of failures and to install the functioning parameters related to different product's shape.

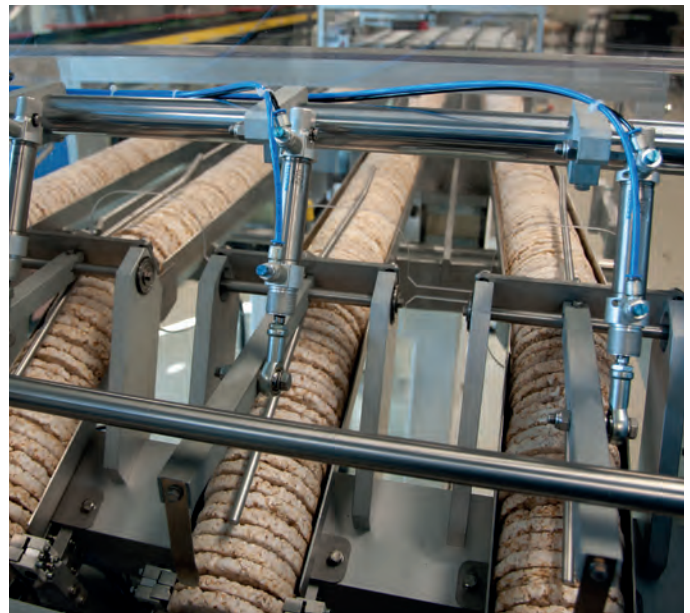


OPERATION DETAILS

The product previously set on edge on the feeding lines, is started up towards a mobile plane which is on the loaders' channels. Here there are the portions on planned shape. When the portions are completed, the plane of the channels upsets and releases the portions on phase with the chain of the flowpack.

The movement of forming of the portions and that of upset of the mobile plane are made by servomotor at assis control. The steps of all main organs (portions forming bar, plane of the mobile channel, brakes with independent actioning, safety bars on the channels, independent too, mobile plane of sliding on the chain, guides of restriction for the last biscuit) are adjustable by the interface and fixed during the testing of the machine. The number of channels which compose the Vol. Mec.® depends on the configuration of the system and on the necessary flowpack in order to discharge the requested production. The speed of the loader is in function of the product dimensions and the length of the portion.

It can reach 25 cycles per minute. If you multiply this figure for the channels, you can have the number of portions per minute that the flowpack produces.



SPECIFICATIONS

- Power • 1,8 kW
- Extractions/min • max 25
- Chain height • between 800 e 900 mm
- Feeding channels • c.a. 1500 mm height
- No. of channels • up to 14
- Dimensions • Alt. Largh. Prof.
(7 channels) 1500 x 1200 x 780 mm
- Weight • 280 kg