



Officina FREDDI ***Costruzioni Meccaniche***

Automatic crater mod. CE-A-L/3



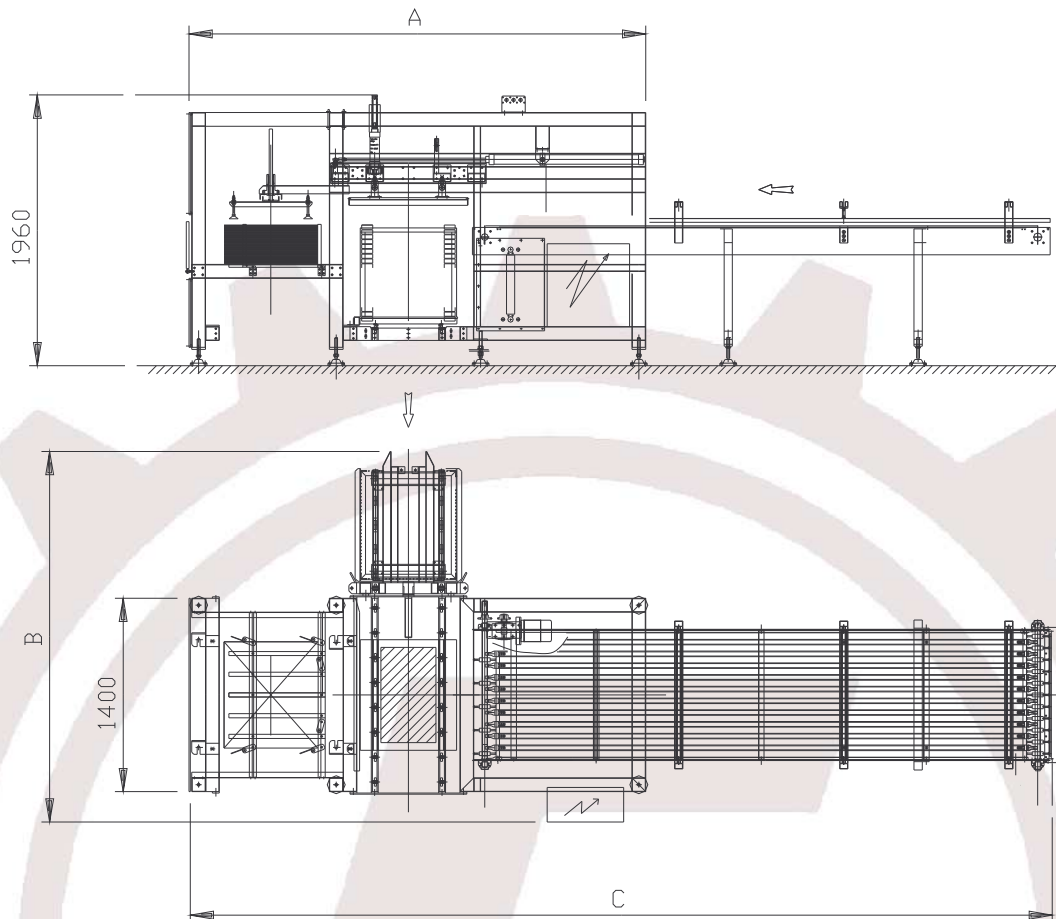
The can's crater is realized in order to receive cylindrical boxes by a table-top conveyor and to stack its in a metallic basket endowed with mobile bottom.

The machine combines elevated performances, reliability and simplicity in the management of the same one by the operator.

The gripping of the product layers is submitted to a patented magnetic head of new conception; such head is installed on a trolley operated pneumatically that it flows on lower friction rails that guarantees silence and practically void maintenance.

The preparation of the layer is executed by a system of magnetic block and by a grate moving on the feeding conveyor. The deposit of the layer happens to a constant level thanks to a hydraulic elevator that enlivens the mobile bottom of the basket, while a centering device allows the perfect positioning of the product inside the basket.

The crater has electric cabinet on board endowed with PLC and operator panel for the complete management and control of the operation of the machine, of a hydraulic unit driving the elevator and a group air complete of battery of solenoid valve for the pneumatic management. The realization of the machine is entirely in stainless steel AISI 304. The modular development of the machine also allows varied configurations that could be installed also in a second time; can be chosen in fact among versions with positioning of the layer pad manually, automatic, till to reach the most evolved version with automatic loading\unloading of the baskets.



CONFIGURATION	OUTPUT VELOCITY	DIMENSIONS (mm.)		
		A	B	C
Layerpad manual positioning	3 layers/min	2300	2700	5255
Layerpad automatic positioning from magazine	3 layers/min	3320	2700	6275
Layerpad automatic positioning from basket	3 layers/min	3320	3700	6275
Automatic baskets loading/unloading	3 layers/min	3320	5000	6275

Main features:

- Realization in stainless steel AISI 304;
- Feeding table-top conveyor complete of side guides;
- Layer preformation group complete of magnetic block and mobile grate;
- Centering device;
- Magnetic head installed on a trolley;
- Elevator, working on the mobile bottom of the basket, complete of hydraulic unit ;
- Basket feeding rails complete of stop devices for positioning the same basket;
- Stainless steels guards;
- On board electric cabinet complete of PLC and operator panel.

Technical data:

- Installed power: 2,4 kW
- Air consumption: 170 NI/min. at 6 bar
- Tension: 380 V - 50 Hz