

General features

Compact and versatile horizontal wrap around and traypacker machine, works with a very wide range of different products. The flat blanks storage unit's height is adjustable in automatic, the length is adjustable through knobs with reference to the position, for fast and easy format changes.

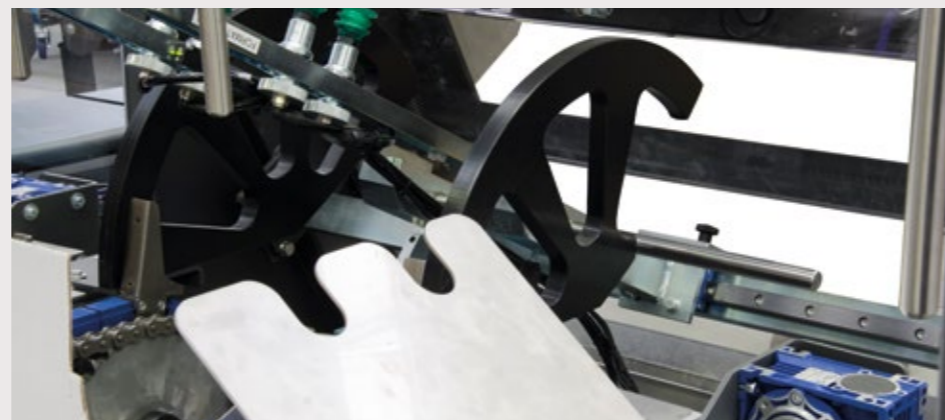
The machine can be equipped with additional loading systems (stackers, multipack formers, diverters, etc.). Cartons are collected through plunges and flaps are closed with a hot melt point. Extraordinarily accessible structure enabling easy cleaning and maintenance and allowing work from both sides thanks to the rotating touch screen.

Specific features

DRON machine works with flat cartons to create Wrap Around cartons or trays or trays with lid internal or external. DRON machine's standard tray/carton sizes vary from a minimum of 170x100x100 mm to a maximum of 600x600x400 mm. wider or smaller formats available of request.

Available in intermittent motion and box motion. It can also be used as by-pass machine.

Details



Carton loading and opening stations are mounted on sliding linear guides for a further accessibility during the maintenance operations.



Adjustable infeed belt depending on products size and grouping configurations.



Automatic pushing system allows the products to be gathered in multipacks.



Wide blanks magazine for different carton sizes. Quick and easy change of format.



Compact and ergonomic machine with easy opening doors on all sides, highly accessible for the operators.



Highly accessible machine for quick diagnostic. Easy maintenance and cleaning.

Technical features

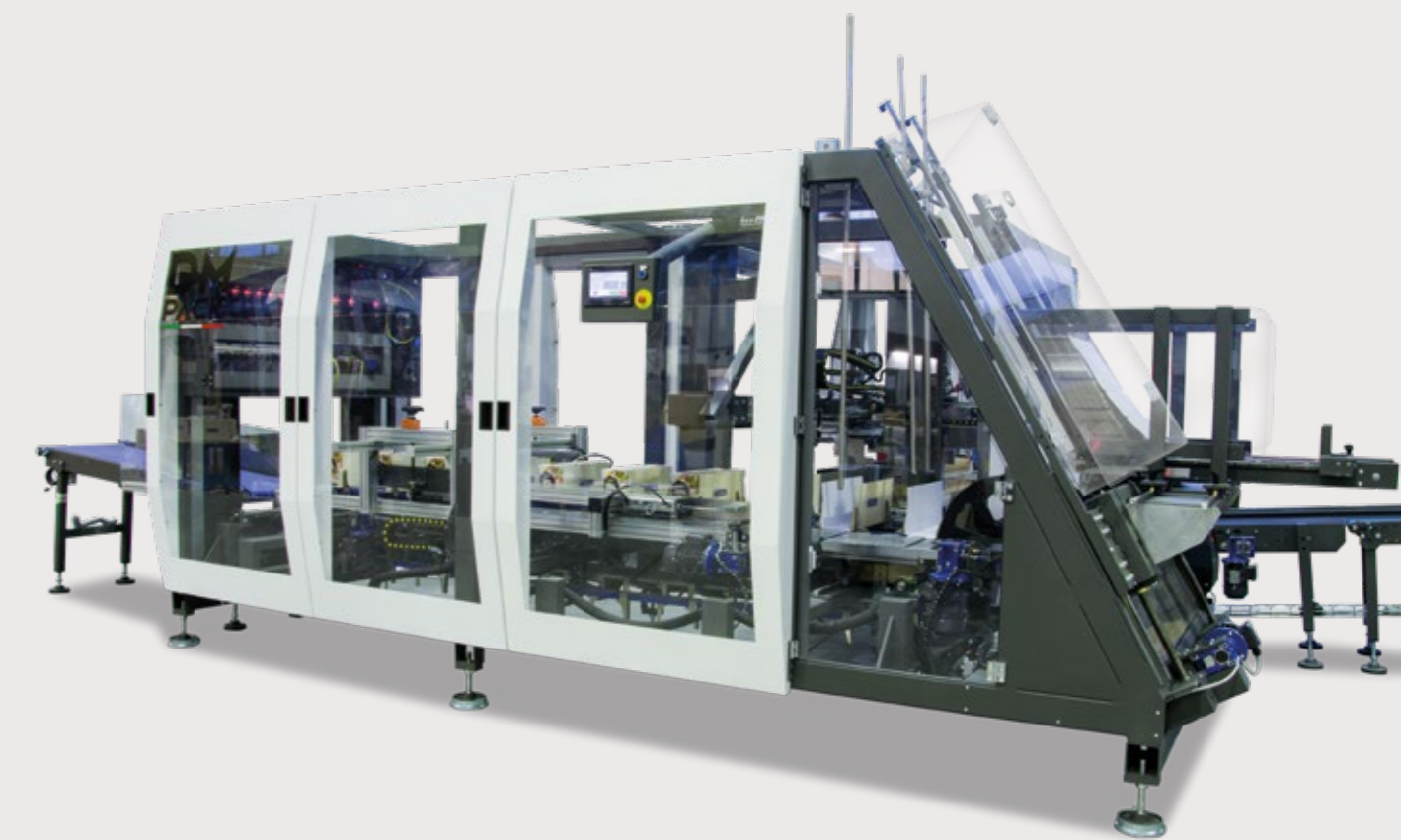
| Mod. | DRON |
|-------------------------|---|
| Electric connection: | 400V 50/60Hz 3PH+N+earth. Other voltages are available on request as optional |
| Installed power: | 8 kw |
| Compressed ait: | 6 bar constant |
| Air consumption: | Max 500 liters/min. |
| Colour: | RAL 9007 |
| Working height: | 900 +/- 50mm |
| Tray/carton: | 170x100x100mm / 600x600x400mm |
| Motors: | ABB or similar |
| Reducers: | MOTOVARIO or similar |
| Bearings and Supports: | SKF or similar |
| Pneumatics' components: | KUNKHE or similar |

PLC: OMRON
 Electro - mechanic's components: MITSUBISHI or similar
 Inverter: MITSUBISHI or similar
 Relays: OMRON or similar

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The main function of the machine is to unfold and to form the tray/carton on which the grouped products will be placed before the tray/carton is closed around them. The machine can be equipped with different grouping and stacking systems. Once the requested multipack configuration is created, the carton proceeds along the closing unit, where the flaps are closed and glued with hot melt. DRON machine is available in both intermittent and box motion versions.

CE certified machine.

Compact and solid structure. Openable doors, sliding version as optional.

Full access to all working areas for easy cleaning and maintenance.

Easy and fast format change. Great versatility of carton dimensions.

Electrical panel is complete with relays, easy to access and is positioned at eye level.

Various kind of outfeed possibilities. Can be followed by any of our other machines.

High precision system of product loading, stacking and insertion in cartons.

Rotating OMRON's touch screen with up to 100 programs. Easy and intuitive parameters modification.

High quality components, ISO certificated

