

General features

Automatic, compact and versatile tray packer & wrap around machine, capable of working with a vast range of different products. The box storage height is automatically adjustable, while the length is adjustable thanks to the knobs and the millimetric scale, for rapid and simple format changes. The machine can be equipped with additional loading systems (stackers, multipack formers, diverters, etc.). In the intermittent version, the boxes are opened using suction cups and insertion of the multipack in the tray or box is carried out by a pick & place system or robotic systems. The tabs are then closed with a spot of hot glue, thanks to the hot melt system. The same machine can create and fill trays, wrap around boxes, tray displays and boxes with lids. In the continuous version, the box storage could be positioned down low, so that the laid box rises from below and precisely positions under the multipack that the machine formed in the meantime. The extraordinarily accessible structure allows easy cleaning and maintenance operations and use of the machine from both sides thanks to the rotating touch screen.

Specific features

The DRON tray packer & wrap around machine works with flat boxes to create a Wrap around type box, tray displays, trays, boxes + internal or external lid. The standard dimensions of the boxes/trays vary from a minimum of 170x100x100 mm to a maximum of 600x600x400 mm. Bigger or smaller formats are available on request. It is available in the intermittent and continuous versions and can also be used in bypass mode.

Details



Loading and grouping systems designed to measure of the product to process.



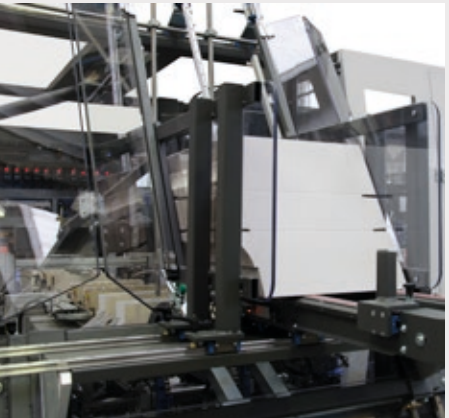
Adjustable infeed belt depending on products size and grouping configurations.



The automatic pusher allows products to be grouped and inserted with precision inside the tray/box.



Safe and stable cardboard outfeed thanks to conveyors designed to product measurement.



Large box storage; specific and fast format changes.



Compact and ergonomic machine with facilitated opening on all sides, highly accessible by the operator.

Technical features

Mod.	DRON
Supply voltage:	400 V 50/60Hz 3PH + N + G (other voltages are available upon request)
Electricity installed	8 kw
Operating pressure:	6 bar constant
Standard color:	RAL 9007
Working height:	900 +/- 50mm
Tray/Carton:	Min. 170x100x100mm / Max 600x600x400mm

Other carton dimensions can be processed on request.



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



Possibility of creating various types of packages with the same machine: wrap around, bottom + lid, tray. Second box storage for lid application.



DRON

EN

Horizontal wrap around and traypacker machine

**DM Pack S.r.l.**  
Plant: Via dell'Artigianato, 34 - 36030 San Vito di Leguzzano (VI) Italy  
Contacts: Tel. + 39 0445 580093 - Fax + 39 0445 584609 - Tel. e Fax + 39 0445 602907 -info@dmpack.it - www.dmpack.it



# DRON

DRON automatic tray packer & wrap around machine that works with flat/laid boxes; its main function is to pick and form the tray/flat box and fill it with previously grouped products positioned in the desired configuration. It can be equipped with different loading, grouping and stacking systems, according to the performance required and the type of product. Once the required configuration is created, the box is transported towards the closing station where, thanks to the hot melt system, the flaps will be sealed and closed with a spot of hot glue. The DRON machine is available both in the intermittent version and in the continuous version.

High quality components, ISO certificated

