

# Bag & Box Carousel

## Rotating Tables with 2 Levels

The Bag and Box Carousel is a versatile, cost-effective way to automatically fill parts into bags or boxes.

Its compact round shape is ideal for areas that are too small for a traditional inline system, such as the space at the end of the moulding machine. The bag and box carousel complements the range of conveyors available from MB Conveyors.

Filling from the top, once the first box has been filled, the table turns to allow the product to be conveyed to the next box on the lower level, through one of the 4 chutes. The second level platform allows for doubled capacity without using any additional floor space.

### Main Characteristics

- ▶ Special version for 4+4 boxes: doubles the filling capacity
- ▶ Standard dimensions of boxes: 600x400x400 mm (different characteristics can be defined on request)
- ▶ Disc structure in 4-mm thick AISI 430 stainless steel sheet
- ▶ Standard supply voltage for table motor: 400 V / 50 Hz

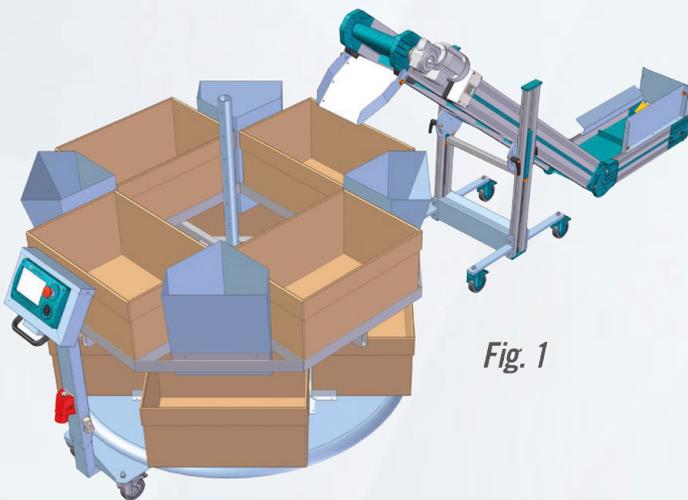


Fig. 1

Fig. 1: Filling of first container on upper level

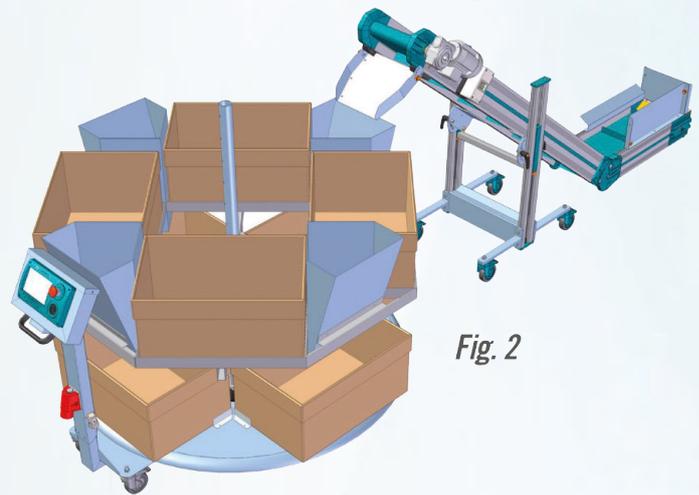


Fig. 2

Fig. 2: Once the first box has been filled, the table turns to allow the product to be conveyed to the next box on the lower level, through one of the 4 chutes in AISI 430 stainless steel

The sequence illustrated in Fig. 1 and Fig. 2 is repeated until all the boxes have been filled. This is an example of how a rotating table can become an important contribution towards the industrialisation of the moulding industry by increasing the autonomy of the press.



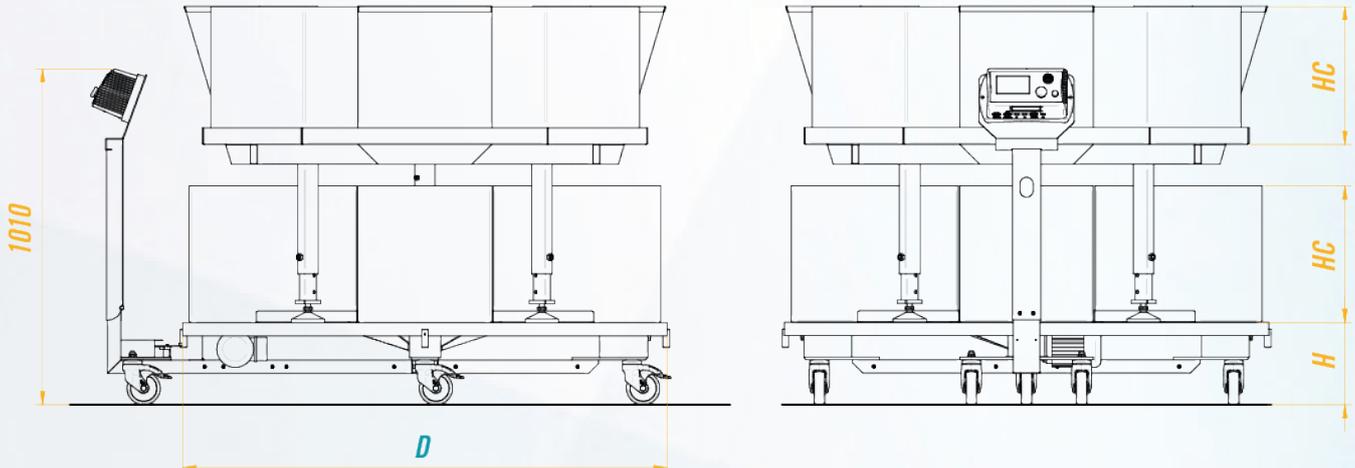
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	<b>D</b>	<b>H</b>	<b>Load</b>	<b>Rot. Speed</b>
<b>TVCD</b>	1450 mm	250 mm	140 Kg	1,7 rpm

*TVCD = std. 8 600x400 basic containers*

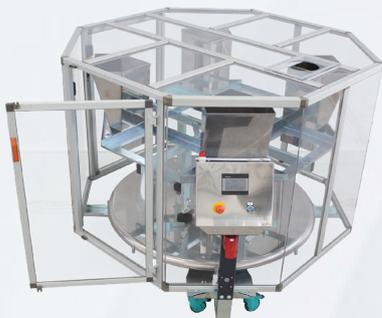


### TVCD for two different types of boxes

- ▶ Special version allowing the same table to be used for filling two types of boxes.
- ▶ This is achieved by installing a mechanical fastening device on the two levels, enabling the housing to be adapted to smaller boxes.

### Special TVCD for 7+7 boxes with dust guard

- ▶ A special version of the rotating table with two levels has been designed for filling 7+7 boxes.
- ▶ It is complete with loading conveyor and cover in polycarbonate and PVC to protect the system from dust.



### TVCD with dust guard

- ▶ TVCD for 8 boxes with dust guard in structured polycarbonate, complete with 2 openable doors protected by safety micro-switches which stop the table from turning when the doors are opened.
- ▶ Special control panel with Touch Screen on a sheet metal support.

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