

# Packaging Elevator Conveyors

## Bowl Feeders & Packaging Elevators

Packaging Elevator Conveyors provide easy movement of product and can lift items to heights required within your process, they are typically used to load bowl feeders and packaging machines. With a choice of standard models or bespoke design to meet your requirements, the Elevator Conveyors are designed to be robust and reliable and can also offer an optional FDA set up.

### Main Characteristics:

- ▶ Anodized ALU profile structure (thickness 15 Microns) Alloy 6060
- ▶ Standard configuration complete with:
- ▶ Polycarbonate tunnel to protect the elevator lane
- ▶ Elevator hopper in 2 mm thick AISI 304 stainless steel sheet
- ▶ Elevator unloading chute in aluminium complete with internal lining applied to the surface in contact with the product
- ▶ Padlockable switch/motor protector + cable and plug
- ▶ Standard cut-proof, oil-proof belt with smooth green
- ▶ Polyurethane covering (ref. Pantone 320) and h 30mm heat-welded slats at 150 mm pitch; vulcanized belt joint
- ▶ Temperature resistance: from -10 to +90°C

### Drive Unit:

- ▶ Power: 0,12 kW
- ▶ Speed: 12 m/min fixed
- ▶ Voltage: 400 V / 50 Hz
- ▶ Standard installation: on left-hand side so as to exercise a thrusting action, fixed drive with shaft-mounted flange
- ▶ Worm reduction gear with life-long lubrication

### Dimensions:

	A (mm)	B (mm)	C (mm)	Hopper Capacity
EV600	200	600	840	75
EV800	200	800	930	180
EV801	300	800	930	180
EV1000	300	1000	1130	400



### Optional FDA set up:

- ▶ Hopper in brushed AISI 304 stainless steel complete with Polycarbonate cover
- ▶ Food-grade white belt
- ▶ Unloading chute and side panels entirely made of AISI 304 stainless steel

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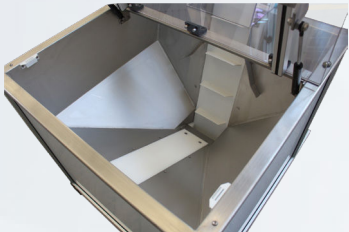
### Detail of Hopper Covering ►

- The loading hopper has a polycarbonate cover. This is only installed as standard equipment for elevators for food products and pharmaceuticals. It is available as an optional on conventional conveyors.
- The cover can be provided complete with hinges and/or gas springs to ensure it remains safety in any position.
- The cover can be strengthened by a tubular aluminium frame (recommended when the hopper is very large – 1000/1200mm)



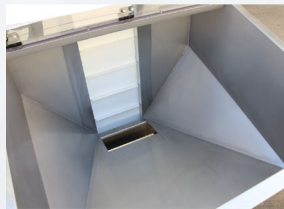
### Accessories ►

- A level sensor with MB Control Panel is optional
- The MB Control Panel is installed in conjunction with the sensor, with these standard functions:
- When in vertical position, the sensor rod signals that there is no product downline: the panel transmits a 'start' signal to the elevator.
- In the horizontal position, the sensor signals to the panel that there is an abundance of product downline: the panel transmits a 'stop' signal to the elevator.
- The 'start' and 'stop' signals are only transmitted to the MB Control Panel after the time required to ascertain the actual need.



### ◄ Complete with Product Handler

- The white section of the hopper has a pneumatic pusher which determines its vertical movement towards the product in the hopper, thereby preventing the 'bridge' effect.

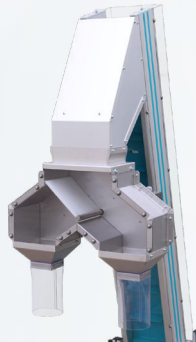


### ◄ Hopper with rapid unloading action

- Detail of the rapid unloading device, which can be installed on the hopper as an option.
- The manually opened damper allows residues of product to be removed from the bottom of the hopper or samples to be taken for quality control purposes.

### ◄ Vertical section and flat upper section

- Vertical sections are ideal when there is not much room for the elevator.
- The degree of functionality achieved by the elevator in this configuration depends on the type of product in question (the product must be examined before this solution can be proposed).
- The funnel shaped unloading chute accurately channels the product inside the assembling unit.



### ◄ Complete with twin outfeeds

- The twin outfeed is installed directly at the outlet of the standard chute supplied with the elevator
- The standard centre distances proposed between one outfeed track and the other are: L 600 or L 800 mm

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