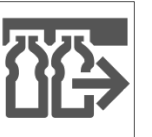


AirCo

The air conveyor for PET bottles



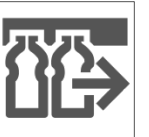
The PET containers seem to be floating on air

PET bottles should be treated gently. This is why the AirCo helps these sensitive light weight bottles float from the stretch blow moulder to the next machine, safely and gently but at an amazing speed.

At a glance

- Triangular chute design
- Clip-type neck-ring guides
- Automatic rail adjustment system
- Highly-efficient fan assembly
- Automatic pressure control system
- Reliable ultrasonic sensors

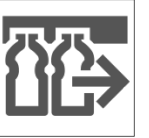




Technical features

- Robust, box-type design in stainless steel
- The UHPE plastic neck-ring guides are fastened in place using the clip system
- Reliable container guidance in a patented triangular chute
- Rail adjustment system using a multi-position cylinder or electric motor
- Low-noise motors with max. 78 dB
- Floor, wall and ceiling mounting possible





Comparison between standard and hygienic design

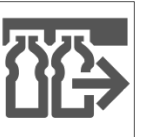
Standard design

- Fan housing in painted steel
- 1.5 kW drive
- Reliable and low-germ conveyance
- Subsequent upgrade to hygienic design is possible

Hygienic design

- Stainless steel fan housing
- 2.2 kW drive
- Special filter concept to meet the highest demands on hygiene
- The entire conveyor route can be enclosed using see-through plastic panels
- The panels can easily be opened for cleaning and revision purposes





Options

Automatic adjustment of the neck-ring guides

- Pneumatic adjustment for processing two different neck ring diameters

Pneumatic rail adjustment system

- Adjustment in 5 millimetre steps
- Up to twelve positions are possible
- Easy retrofitting

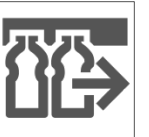
Pressure-controlled regulation system

- Automatic adjustment of the radial flow fan speed, depending on the degree of filter contamination

Electric rail adjustment system with linear motor

- Infinitely adjustable between 60 and 120 millimetres
- Best availability and repeat accuracy
- Maintenance-free





Operation and control

Operation

- The complete conveyor system can be operated comfortably using the central touch-screen
- Clear and straightforward menu structure
- Descriptive illustrations for help
- Visualisation of the line layout for the quick localisation of the causes of malfunctions

Control system

- All motors and frequency inverters can be individually controlled and parameterised from the touch-screen.
- All parameters are stored and backed up in the system.
- The frequency inverters are controlled by Profibus or DeviceNet.





Benefits to you

Flexible arrangement

Depending on the space conditions, the conveyor can be installed on the floor, on the wall or be suspended from the ceiling.

Quick change-over

Thanks to the pneumatic or motorised control of the container guide, the AirCo can be changed to other container types within minimum time.

High efficiency

The intelligent control and the use of low-maintenance ultrasonic sensors keeps the efficiency of the line permanently high.

Quick installation and commissioning

Almost all of the components are already pre-assembled in the factory. This ensures the conveyor to be ready for operation within a very short time ("plug and play" principle).

High level of hygiene

For areas requiring more stringent hygiene, the conveyor is also available in a hygienic design version.

Low-noise operation

The motors operate at max. 78 dB and thereby are below the noise protection regulations valid all over the world

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Digitalisation



Process
technology



Bottling and
packaging equipment



Intralogistics



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