

# 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 hover from the stretch blow moulder to the next machine – safely and gently but at an amazing speed.

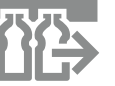
## At a glance

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- 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 of standard design and hygienic design



## Standard design

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

## Hygienic design

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- 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

## Controller

- 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 controller for guiding the containers, the AirCo can be changed over within the shortest of times to convey containers with a different format.

## 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 using the "plug and play" principle.

## High level of hygiene

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

## High efficiency

The intelligent controller and the use of low-maintenance ultrasonic sensors ensures the overall efficiency of the system remains high.

## Low-noise operation

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

### Requesting a new machine

You can easily send a request for a non-binding quotation in our Krones.shop.



# Krones Lifecycle Service

## Partner for Performance



It goes without saying that also after the purchase of new machines, Krones takes care of your lines: The Krones LCS experts are always there to help you reaching your goals and turn your wishes into optimal LCS solutions.





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BEYOND  
TOMORROW**

