



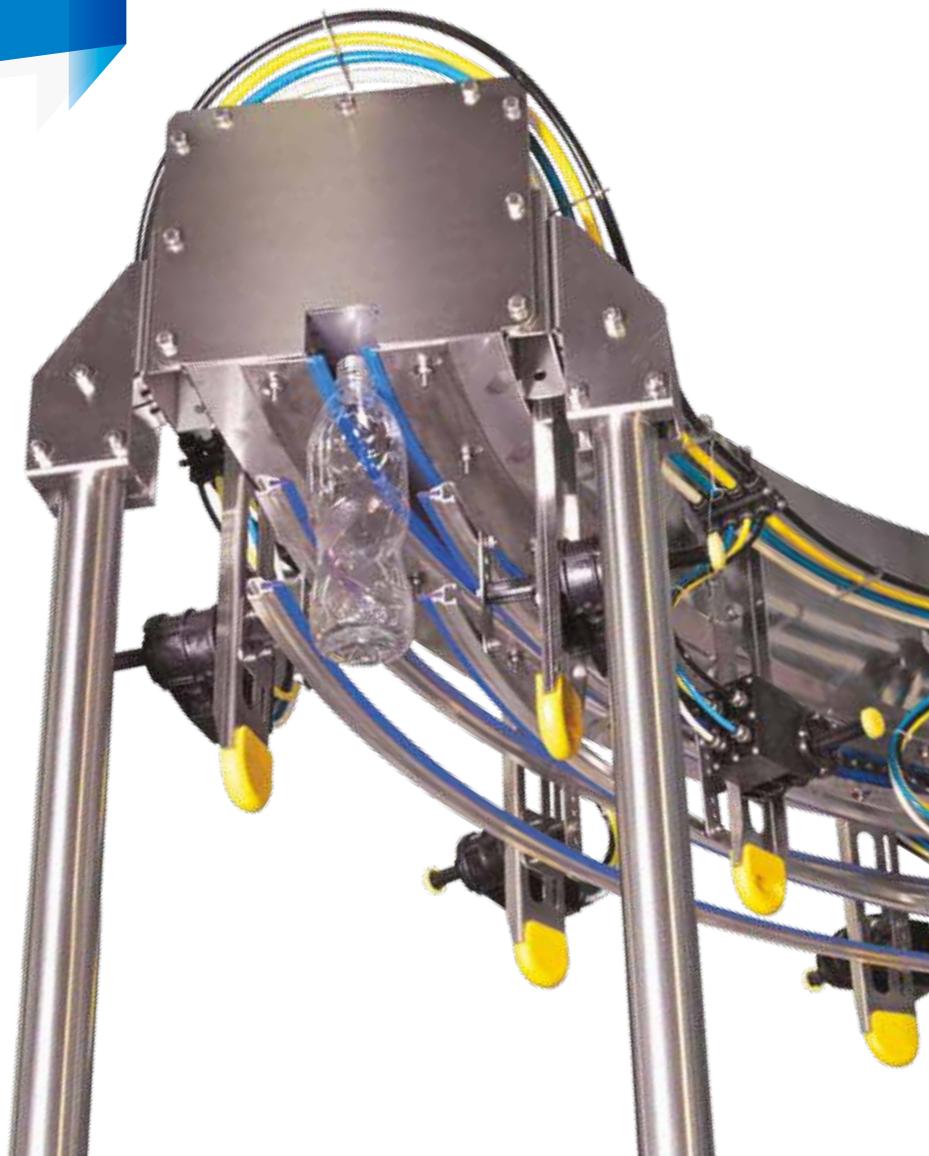
“AIR CONVEYORS”

Air conveyors

The ruggedly constructed Eolo air conveyors are built from thick gauge stainless steel in order to stand up under the most demanding industrial conditions. Air conveyor segments are freestanding and load tested for maximum structural stability. Wherever system routing conditions require special mounting, for example, along ceilings, high above walls, etc., the air conveyor segments utilize appropriate structural supports that guarantee sufficient structural integrity of the plant

Control Equipment

Standard control equipment includes an inverter for motor speed control, mounted in the main electrical cabinet, directly on the motor itself, or in intermediate field control panels placed at regular intervals along the air conveyor line. Control equipment comes with our management software based on “Energy Saving” logics, so as to minimize the consumption level of the system. Each electrical switchboards, is made with high-quality components, and is pre-tested at our facility in order to provide a “ready to run” system.





Air conveyors

Bottle body guides in plastic UHMW material align the empty bottles in the conveyor trajectories. These non-abrasive guides are adjusted to the correct lateral positions for each bottle diameter either by hand through spring-loaded, quick-release supports, by automatic air cylinder supports and through EMD moving device which provide several positions.

Each conveyor segment is powered by a single blowerfan mounted in any 90° compass orientation on top of the air conveyor structure. All air blowers are equipped with filters, as specified by the client.

STANDARD

Single stage prefiltering G3 / G4
Arrestance by weight % (Am)
G3 $80 \leq Am < 90$
G4 $90 \leq Am$



CLEAN

Prefiltering G3 and Canister
Post Filtration F7 / F9
Overall efficiency % (Em)
F7 $80 \leq Em < 90$
F9 $95 \leq Em$



ULTRA CLEAN

Prefiltering G3 and double Canister Post Filtration F7+H14
Overall efficiency % (Em)

H13 99,95

H14 99,995

For the highest hygiene demands it's possible to install transparent plastic panels for conveyor enclosure preventing air contamination.

