

ACCES.com

Brochure
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Air conveyors

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Contents

P3 AIR CONVEYOR

P4 EQUIPMENTS

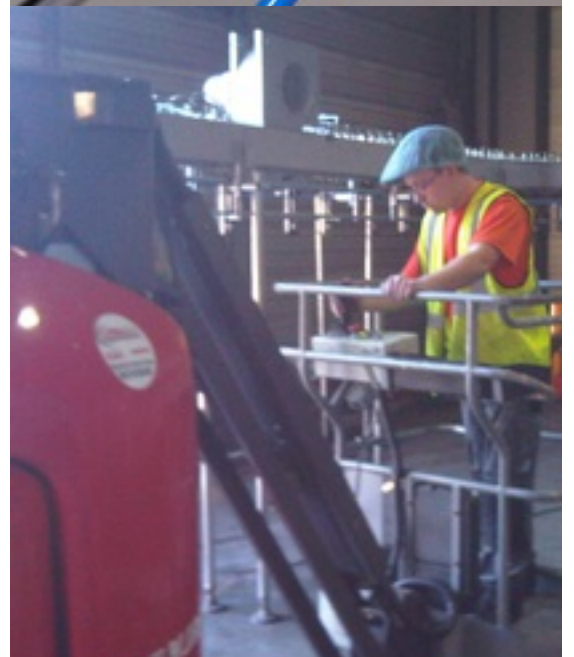
P5 FILTRATIONS

P6 AUTOMATION

P7 SERVICES

P8 LINE UP GRADING

P10 A COMPANY TURNS TO
FUTURE



Air conveyor for PET Bottles



▲ Air conveyor: A simple solution at fair cost

The air conveyor is a buffer link between down stream and up stream machines. Capable to reach more than 72.000 BpH.

Build in 304L stainless steel duct, the ACCS air conveyor can be supplied in different version: Multi size ; Multi neck ; filtration G4 ; F7 ; H14.

The components are specially designed for low maintenance cost.

▼ Air flow on the bottle neck

Bottles are transferred on the conveyor with a controlled air flow on the bottle neck. The weight and the shape of the bottles is very important, that is why ACCS pay attention on the ventilator position and air control pressure.

The line is divided in 10 meters sections, each one equipped with 2 ultrasonic sensors. Each ventilator are controlled by frequency drivers.

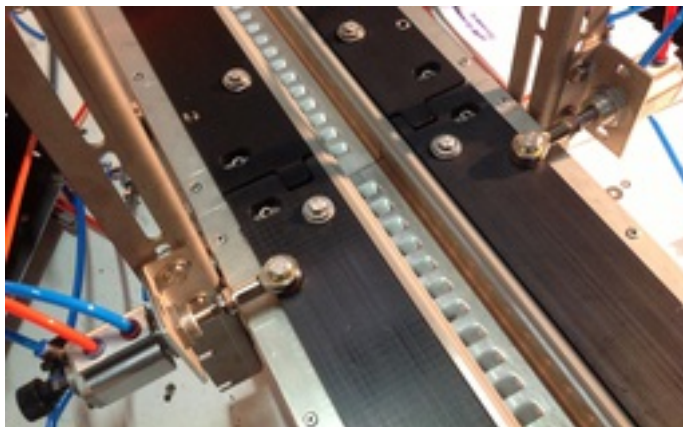


EQUIPMENTS



▲ **Clip Under neck guide Quick change**

The neck guide is a very important part of the air conveyor, build in UHDPE and FDA approved, the ACCS neck guide is a clip guide easy to set with its tool. Low friction and noiseless; ACCS neck guide is packed in 30 meters rolls. It can be installed on different brand of conveyor, thanks to different shape of Aluminum rails.



◀ **Automatic under neck guide 2 positions**

Bottle neck adjustment is also important for the customer. ACCS has a multi neck conveyor capable to be adjusted for different type of bottle neck. The pneumatic cylinder (2 positions) can be adjusted manually for a fine tuning.

▼ **UBIC Multi Position side guide**

The UBIC side guide is a multi position pneumatic cylinder. Controlled by PLC, the UBIC guide can have more than 30 different positions.

The setting is easy to obtain, thanks to a special application on the screen panel. It does not required any additional equipment, tooling and machanical adjustment.

UBIC a fully automated solution for your multi size line.



Ventilator and cleanness



▲ Filtration F7 Intermediary filtration

The F7 filters is a upper level of filtration for high requirement on the blowing air.



Filtration G4 With silencer

G4 Filter is the most used filtration. ACCS propose a silencer to reduce the noise about 5 to 8dB.

▼ Filtration H14 Side shield covers 2 faces

Very useful for water filling lines, the H14 filters is the highest level of filtration used for clean conveyor.

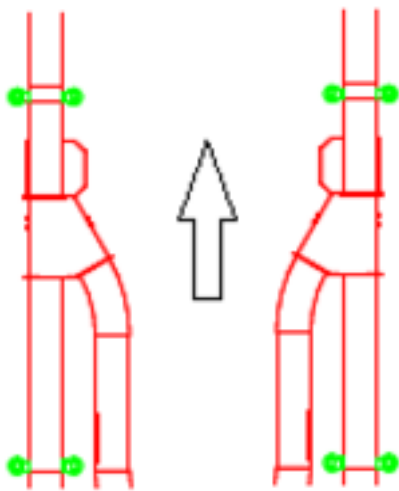


◀ Aseptic lines Side shield covers 3 faces

Combined with H14 filtration, the 3 faces side shield is mainly used for Aseptic lines.



COMBINER & AUTOMATION



▲ Gates are giving a full flexibility.

It is possible to combine several machines together thanks to :

- 2 x 2 gate
- 2 x 1 gate
- 1 x 2 gate

Fully automated or semi manual version are available.

▼ Electrical Panel Cable tray and wiring

Control panel are equipped with siemens PLC, Siemens Touch panel, Danfoss Frequency drivers...

Cable trays are cablofil.

Possibility to change the air pressure value with password



Engineering & Technicians



▲ Technicians for installations & commissioning

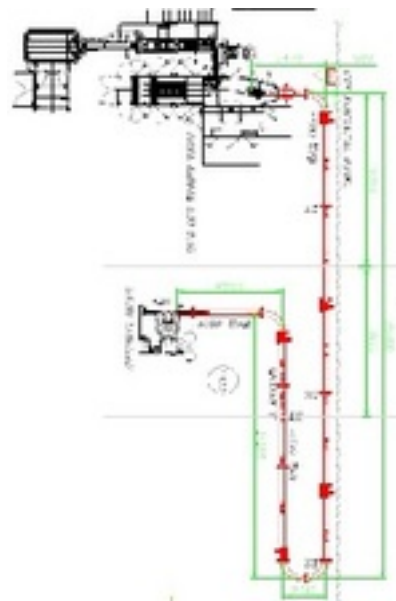
ACCS mechanical technicians ; electrical technicians and software engineers for the line control.

Thanks to a good commercial network, ACCS is represented in EUROPE, ASIA, NORTH & SOUTH AMERICA, MIDDLE EAST.

▼ ENGINEERING AND AUTOMATION By ACCS

Engineering and automation are entirely made in house.

Each line is equipped with a touch panel. It allows (with a password) to the operator a complete access of the ventilator setting and side guide adjustment.





Line Upgrading



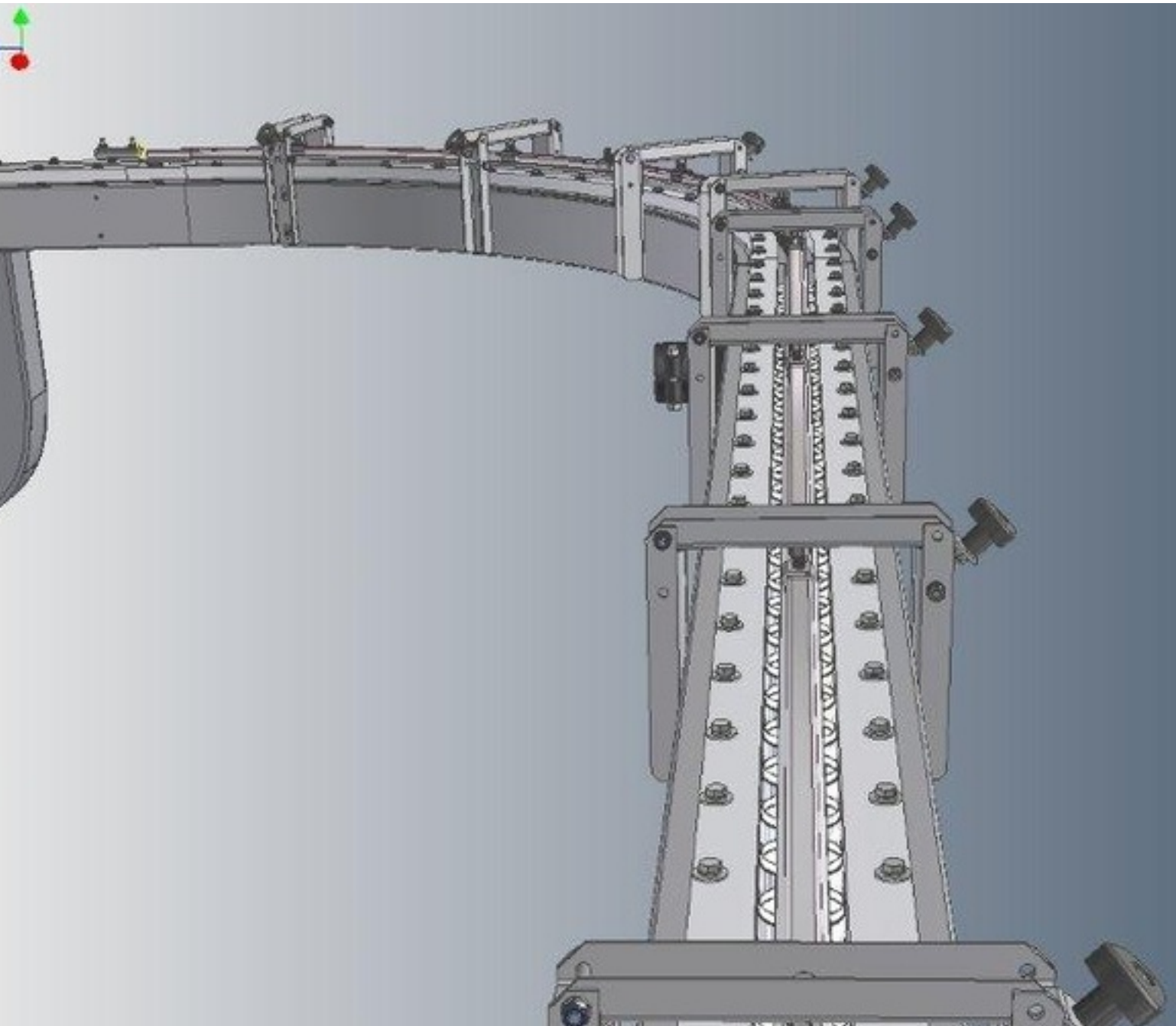
Thanks to its 20 years of experience in the air conveyor engineering, ACCS propose to upgrade, relocate and improve existing lines :

- Neck guide change over.
- Side guide UBIC.
- Automation.
- Cleaning.

Adaptation to any brand of conveyor.

Audit of Line.

Follow up of the customer to keep a high efficiency functioning.



A company turns to
future



During the last few years, ACCS has developed several innovation to improve the air conveyor for PET bottles.

With the arriving on the market of new combi machines (blower-filler), ACCS is now developing new air conveyor systems for high speed CAP feeding.

Also in the air conveying, ACCS is developing the empty CAN air conveyor, with vaccum and lowerators.

ACCS is building its future...

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