

Air Conveyors for PET Bottles

The Australis Air Conveyor System is specially designed for the rapid conveying of empty PET bottles.

Featuring the unique infinitely adjustable EZI-Change Guide Rail System, the Series II Air Conveyor easily conveys any sized PET bottle.

Australis Air-Flow Conveyors can be totally PLC controlled and together with other features sets a World Class standard in PET bottle conveying.

Our flexible modular design allows us to customise and build an Airflow Conveying System to suit your exact needs.

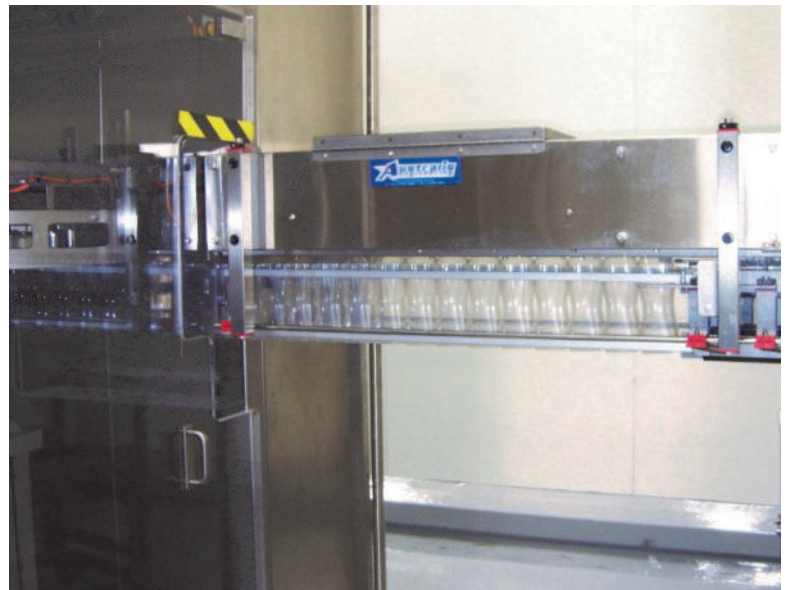
High Speed Conveying

Air flow conveyors achieve the rapid conveying of unstable, empty PET bottles by holding the bottle by the bottle flange and blowing air onto the bottle neck.

Using this method, Australis air conveyors will achieve bottle speeds of 4.7 m per second or 280 metres per minute or around 17 km per hour!!!

Australis air conveyors are designed to carry round, square, reverse taper or other unusual bottle shapes. They can easily handle any bottle size and we have conveyed bottles ranging from 250ml to 3L.

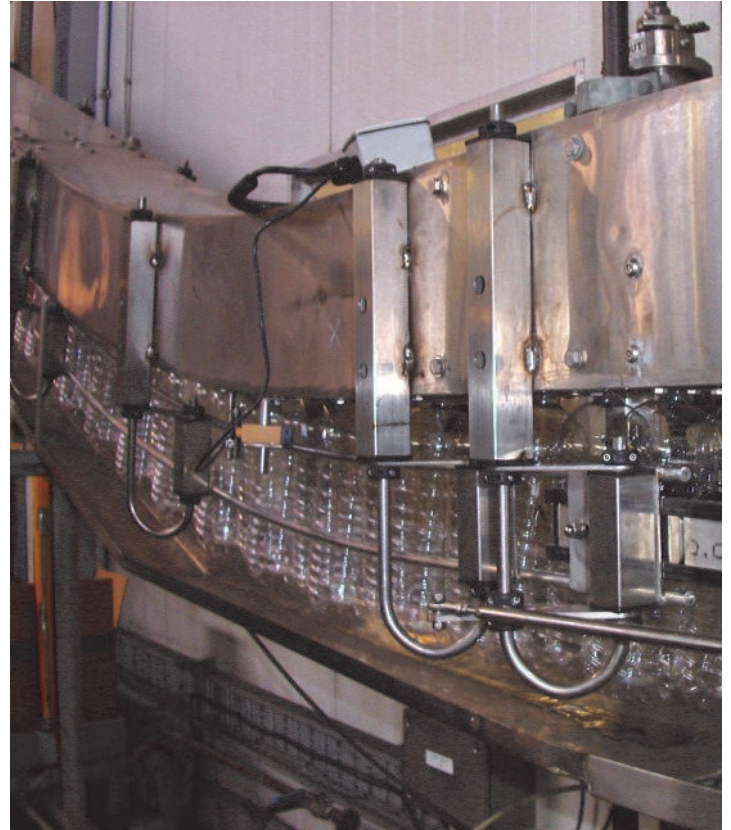
Bottles enter the air conveyor via a single filer (singuliser) and normally exit the air conveyors are the as the infeed solution for your filler.



RELIABLE AND ADAPTABLE

Options available on Australis Air Conveyors are:

- ⇒ Stainless Steel body for food grade applications or Powder Coated Mild Steel body for other applications
- ⇒ HEPA or ULPA filters available
- ⇒ Total PLC integration for remote and computerised control
- ⇒ Plastic or Stainless Steel neck guides
- ⇒ Automatic neck guide adjustment for quick changeovers
- ⇒ Automatic & Manual Drop Gate System for damaged bottle removal
- ⇒ Lane Diverter System for branching into multiple lanes
- ⇒ Plenum chamber height adjustment to suit various sized bottles (250ml to 3L)
- ⇒ Floor mounted or ceiling mounted installations
- ⇒ Curved Modules from 5° to 90°
- ⇒ Spiral incline or decline modules
- ⇒ Low profile modules for confined spaces
- ⇒ Hinged covers for internal plenum inspection



LOW MAINTENANCE



SUPPLIED TO MOST MAJOR PRODUCERS

Over our 30 year Engineering design and manufacturing history, Australis has supplied air conveyors to most major PET beverage manufacturers in Australia and exported our solutions to the USA, Asia and the Pacific regions.

We have a substantial portfolio of work; and our list of clients using Australian made Air Conveyors includes:

- ⇒ Coca Cola Australia, Fiji & Vietnam
- ⇒ Schweppes
- ⇒ Tru Blu Beverages
- ⇒ P&N Beverages
- ⇒ Campbell's Foods
- ⇒ Visy P.E.T
- ⇒ Bevco
- ⇒ Lion
- ⇒ Grove Juices
- ⇒ Slades Beverages

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a video



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