

Efficient Empty Can Delivery System

This system is designed to transport empty cans in mass or single file on a thin film of air in a smooth, gentle manner.

Design Features

- Custom surface widths to accommodate many different production requirements
- High efficiency blowers with quick access filtration housing
- Blowers and housing assemblies are integrated in conveyor design for clean look and reduced footprint
- Automatic change over for multiple can formats

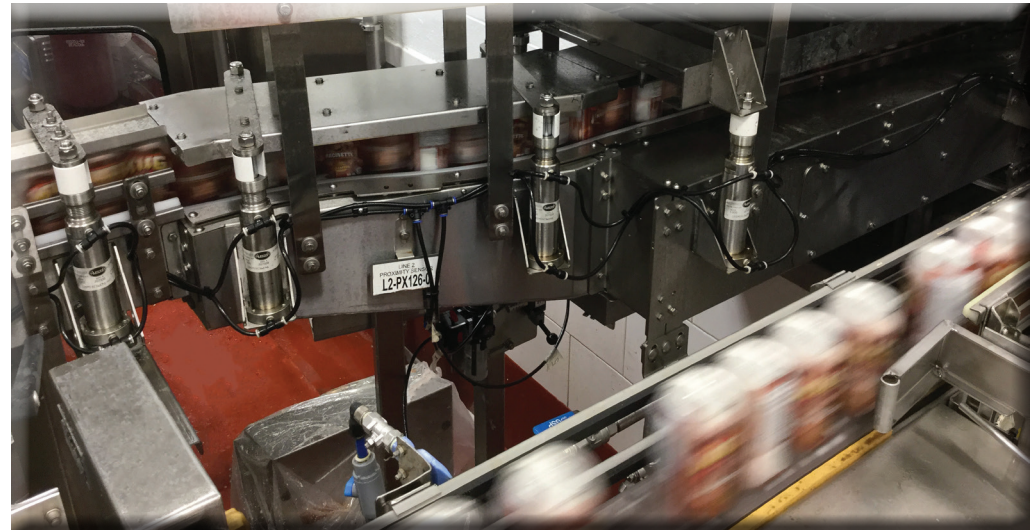


DeckJet Air Conveyor

The Big Picture

Air handling plays a big role in the delivery of empty cans particularly in the area immediately prior to the rinser.

- Modular belt style conveyors deliver cans from depalletizer to vacuum transfer
- Mass air handling is ideal for empty can handling downstream of the vacuum transfer
- Mass air handling ensures simple synchronization between the mass vacuum transfer and filler infeed
- Provides for make-up of can voids in the empty can system
- Ideal for diverting to or merging from multiple can rinsers
- Provides simple high-speed supply of cans to filler infeed, with minimal maintenance



Control to Suit

Descon DeckJet air conveyor systems play an important role in any Descon empty can handling system.

- Coupled together with mass vacuum transfer, high efficiencies at the filler are guaranteed
- Varying empty can demand is achieved via the use of variable speed blower control
- Simple recipe blower format allows for simple addition of future can sizes
- Energy usage is minimized by only using what is required
- Pneumatic actuated top covers ensure repeatable change over to multiple can sizes

Air Combiner

The Descon Air Combiner is designed to single file empty cans from mass to single file for delivery to a rinser or filler.

- Precision cross member design and placement for absolutely true, level transport surface
- Polished 14 gauge stainless steel louvered deck plate
- Directional inverted air louvers are designed to generate a consistent air film membrane
- Quick removal of top containment ceiling allows for easy maintenance and cleaning
- Side rails are fixed position and factory mounted
- VFD controlled blowers to modulate can flow according to production requirements

Earning Your Trust

Descon air conveyors continue to set the standard for light-weight, high-speed empty bottle transport.

Benefits

- Precise neck guide alignment and longer wear life
- Precise, quick bottle guide format changeover using DC motor technology
- Energy efficient, low cost operation
- Fully automatic and proven blower control software



Conveyor – Empty PET Transport

Design Features

Our unique base construction allow us benefits that our competitors cannot match.

- Patented machines aluminum base and cross block sub structure
- All bolted construction, no distortion common in sheet steel fabrication
- Precise neck guide alignment even in curves and merge/divert gates
- Infinitely adjustable DC motor driven bottle guides
- One-piece plastic composite extruded neck guide
- No-tool easy access covers for cleaning and general inspection
- Integrated wireways



Performance

Our precise neck guide alignment is unmatched by competition, as is our performance.

- Precise neck and bottle guide alignment reduces bottle swing
- Air stream is focused and concentrated to further minimize bottle swing
- Standard, HEPA and Aseptic classifications
- Proven changeover technology - simple, accurate and repeatable without the use of pneumatics
- Proven machine interfaces
- Proven blower control software with reliable field devices

Available Options

The Descon air conveyor product line is fully engineered and is available with options to suit every application.

- Infinitely adjustable bottle guides
- Multi-positional neck guides
- Variety of merge/divert gatesAutomatic vertical transition units for base justified machine interface
- Various degrees of filtration (Standard, HEPA, Aseptic)
- Integrated wireways