

DeckJet Air Conveyor



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

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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

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Integrated Conveyor Solutions