

# 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



### 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