DESCON
Integrated Conveyor Solutions

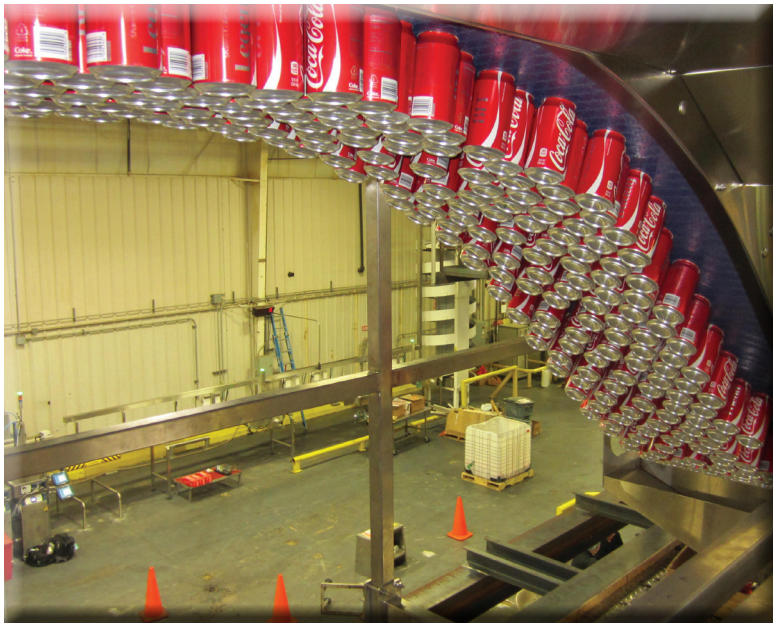
Vacuum Transfer

Down Can Removal and More

Designed to transfer empty can flow over a void by means of perforated mattop chain with vacuum plenum. Down or deformed cans are removed from the main flow reducing the risk of downstream stoppages.

Design Benefits

- Three zone damper control (pick-up , transfer, drop-off) ensures 100% down can removal
- Single lane or mass flow formats
- Horizontal or vertical formats to suit different applications
- Long lasting, simple operation



Vacuum Transfer

Design

Our unique three-zone construction allows for gentle loading, off-loading and guaranteed down can removal.

- Three zone damper control (pick-up, transfer, drop-off)
- Machine UHMW wearstrip track for precise chain travel and long wear life
- Available in stainless steel or powder coat finish to suit the plant environment
- Removable cover to access the vacuum chain plenum for cleaning and maintenance
- Variable chain widths established in the design phase are based on the application and range from single lane to mass flow

Function

Guaranteed down can removal requires specific infeed conveyor arrangement. Descon can help with this.

- Descon engineers will review infeed conveyor design to ensure proper can separation which is critical to overall success.
- Frequency control of infeed, discharge and vacuum belt conveyor motors
- Manual damper or frequency control of vacuum blower
- Modular perforated mattop belt and machined UHMW chain guide track ensure long wear life
- Automatic change over for multiple can heights also available

Vertical Elevator Format

Elevation changes can be achieved while removing down cans from the line, saving valuable floor space.

- Custom elevation increments to suit virtually any dimensional change
- Optional height adjustment for different can heights can be incorporated by means of pneumatic cylinders and machined spacer blocks
- Blower and blower housing integrated into the construction design in order to minimize the unit footprint
- Vacuum transfer control throughout the full transfer process is integrated with the main production control

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