

Complete Solutions

The conveyor system serves as the communication link between the individual machine centers. This “central nervous system” is crucial to overall performance and efficiency of the line.

Features

- Built to exceed customer specifications
- High-speed pressureless singulation of containers
- FILO and FIFO type accumulation systems
- Dynamic transfers ensure container stability and self-clearing functionality
- Variety of motor control technologies available



Conveyor – Loose Container

Design

Descon modular belt style conveyors are designed for strength, durability and performance.

- 11 gauge formed stainless steel side frames, #4P finish
- Bolt together modular design
- UHMW carry way
- Thermoplastic roller return way
- Welded tubular supports with plastic articulating base pads
- Flange mount hollow shaft gear reducers
- Integrated conveyor dry and wet lubrication systems
- Integrated wireways



Clean Design Principals

Descon conveyors incorporate clean design features that provide for simple cleanability and easy maintenance.

- Operator safe inspection holes at drive and idler ends
- Customer clean-out holes with safety covers
- Drop-out drive and idler shafts
- Tubular welded sanitary support structures
- Minimization of flat surfaces that can collect dust
- Internal cleaning spray headers

Other Related Products

Descon offers a number of complementary products that add value to any conveyor systems:

- Container wash and dry tunnels
- Rejection and sample collection tables
- High-speed singulation of containers
- Buffer systems (FIFO and FILO)
- Machine infeed laning systems
- Down bottle removal systems
- Duck Unders for safe passage below conveyor frames
- Integrated wireways

Complete Solutions

Accumulation is a critical factor in the success of any well running line. By absorbing product during downstream stoppages, more critical machine centres can continue producing, improving your bottom line.

Main Benefits

- Continued production during downstream stoppages
- Allows for gentle reaction between critical machine centres
- Simple buffer system allows for easy synchronization between adjacent machine centres



Conveyor – Accumulation

Features

Our accumulation tables are designed to be trouble-free in their handling of the most fragile containers.

- Suitable for the handling of cans, glass, and plastic bottles
- Integrated transfers ensure container stability during loading and offloading
- Flat top modular belting ensures improved container handling
- FIFO (First In Last Out) and FILO (First In Last Out) systems available



Design

Descon conveyors and systems are designed for strength, rigidity, and performance.

- Operator safe inspection holes at drive and idler ends
- Customer clean-out holes with safety covers
- Drop-out drive and idler shafts
- Tubular welded sanitary support structures
- Minimization of flat surfaces that can collect dust
- Internal cleaning spray headers
- Width and length designed to fit available space

Available Options

Accumulation tables can be supplied as stand-alone or part of an integrated conveyor system.

- Easily integrated into 3rd party or existing conveyor systems
- Frequency control of all gear motors
- Line sensors pre-mounted prior to shipping
- Infeed and discharge conveyors available
- Stand-alone control systems available
- Sizes up to 12' x 60'
- Modular belting to match customer preferences

Complete Solutions

General layout design is the most important step. Done correctly commissioning is simple, start-up is quick and long-term success is easily realized.

Features

- Mass conveyor transport with nose-over type transfers
- Inline accumulation via mass conveyor
- Long lasting, simple operation
- Integrated dust covers to protect from product contamination
- Multiple container formats without changeover



Conveyor – Empty Can

Design

Descon modular belt style conveyors are designed for strength, durability, and performance.

- 11 gauge formed sheet steel side frames
- Bolt together modular design
- UHMW carry way
- Thermoplastic roller return way
- Nose-over type, self-clearing transfers
- Flange mount hollow shaft gear reduces
- Peaked, formed dust covers to minimize can exposure to foreign material



Clean Design Principals

Descon conveyors incorporate clean design features that provide for simple cleanability and easy maintenance.

- Operator safe inspection holes at drive and idler ends
- Custom clean-out holes with safety covers
- Drop-out drive and idler shafts
- Tubular welding sanitary support structures
- Minimization of flat surfaces that can collect dust
- Integrated peaked dust covers

Other Related Products

Descon offers a number of complementary products that:

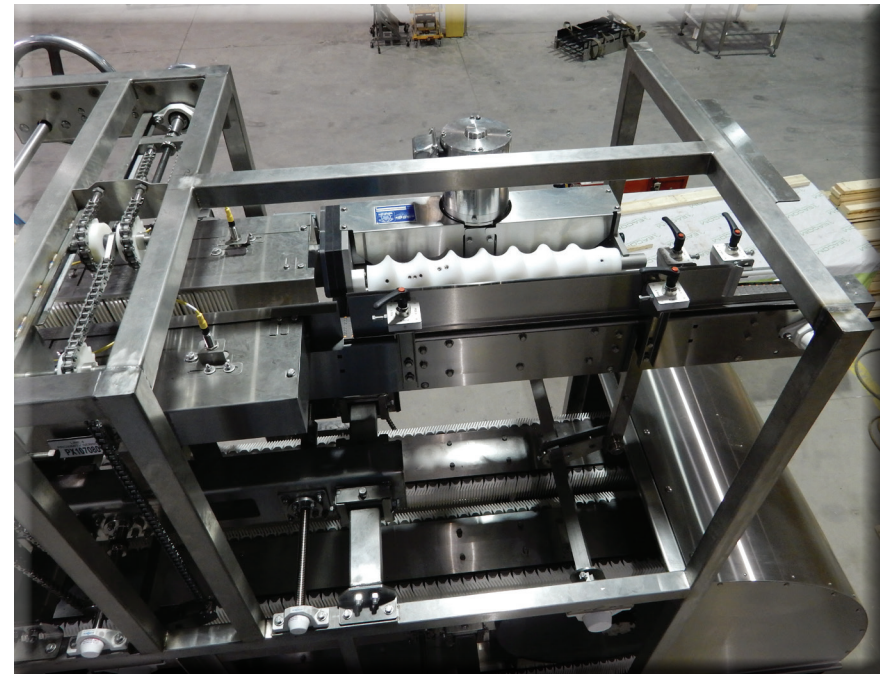
- Mass and single vacuum transfers for simple removal of down cans
- DeckJet air conveyors for transport and singulation of empty cans prior to rinsing
- Complete system integration services including empty can cut-off calculation and implementation
- Integration of 3rd party ionized air rinsing systems
- Centralized or decentralized variable motor control solutions

Robust construction makes this a lifetime performance products.

Dual stacked custom drive assembly can accept a backlog of containers, space them with a minimal space prior to a rinsing application.

Main Features

- 304 Stainless steel construction
- Dual stacked custom drive assembly
- Timing belt driven

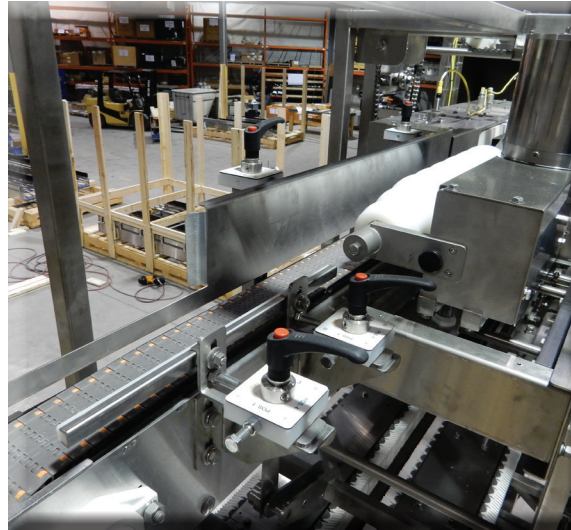


Rinser Infeed Metering System

Design Characteristics

Built strength and longevity in mind. We expect it to be around as long as the machine centers it serves.

- Mechanical overload clutch
- All guards and covers where necessary to cover drive components. Note: This does not include perimeter guarding
- Slotted adjustable angles, for mounting to your conveyor
- All necessary mounting hardware to mount to your conveyor



Features

Descon systems can be custom designed for your needs.

- "No Tools" quick changeover
- Mechanical overload clutch
- Drive component guarding
- Up to 550 containers per minute
- Dynamically balanced UHMW timing screws

Available Options

- Large Deluxe Adjuster
- Stainless steel construction
- Precise in/out and up/down adjustment
- Numerical counters for repeatable set up
- Ideal when running multiple container sizes