

CONVEYOR LOGISTICS

PRODUCT OVERVIEW



FULL BELT MERGE

HD-BCV SERIES

www.conveyorlogistics.com.au



PRODUCT OVERVIEW

From 0 to 2.5 meters per second. The HD-BCV Full Belt Merge, merges Freight onto the main conveyor line like no other. Thanks to the sophisticated design using a belt, safe and fast transportation of the parcelled freight is ensured.

The HD-BCV Series Full Belt Merge conveyors are a modular design belt conveyor that can be adapted to suit any application. The design principles used when developing the HD-BCV Full Belt Merge conveyors are safety, adaptability, installation efficiency, belt tracking, aesthetics and value.

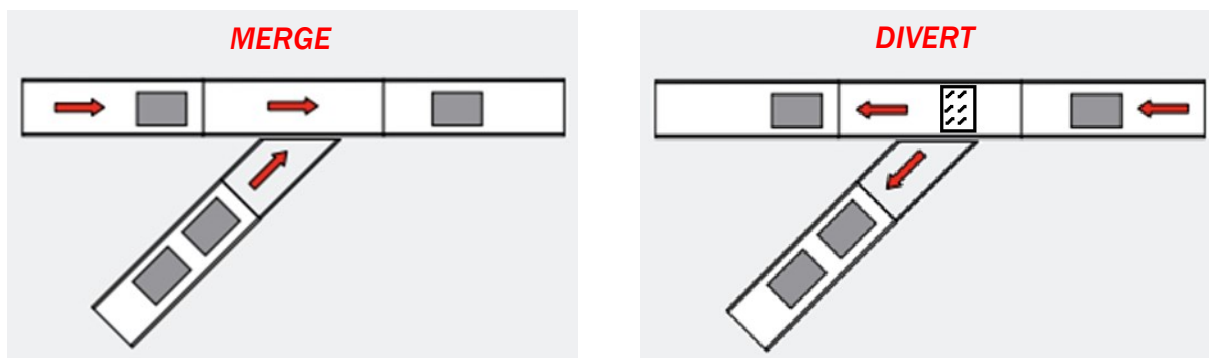
Designed for industry, the HD-BCV Full Belt Merge conveyors, can be customised for your specific application and it won't impact your bottom line.

We offer variations for Flat merging and diverting conveying applications.

APPLICATIONS

The HD-BCV Series Belt Conveyors are developed for, but not limited to many intralogistics applications such as Warehousing, Transport & Freight Logistics, Carton & Tote handling, Food & Beverage, Order Picking Lines, Machine Feed Lines and many others.

DESIGN OVERVIEW



PRODUCT FEATURES

- High level of operational safety due to simple design principles
- Closed belt surface ensuring a smooth product transition
- Dynamic belt tracking
- Minimal structural height—approximately 250mm
- Used in metering applications
- Merge or Divert Applications
- Easily integrated with adjoining equipment
- Energy Efficient
- Quiet Operation <65dB

SPECIFICATIONS

HD-BCV SERIES



General	
<i>Length</i>	<i>1.25mtrs to 2.5mtrs</i>
<i>Width</i>	<i>Up to 1.5mtrs</i>
<i>Side Guides</i>	<i>Channel Type</i>
<i>Conveyor Speed</i>	<i>Up to 150 (meters per min)</i>
<i>Max. Load Rating</i>	<i>Up to 75kg</i>
<i>Operating Temperature</i>	<i>0 to +40 °C</i>
<i>Min. T.O.B (Top of Belt Height)</i>	<i>250mm (nominal.) Application Specific</i>
<i>Available Angles</i>	<i>30° & 45°</i>
Drive	
<i>Transmission</i>	<i>Gear Motor Unit</i>
<i>Transmission Configuration</i>	<i>Direct Shaft Mounted Drive</i>
<i>kW Rating</i>	<i>0.37kW, 0.55kW, 0.75kW, 1.1kW</i>
<i>Rated Voltage</i>	<i>415V – 3 Phase –50 Hz</i>
Frame	
<i>Channel & Slider Beds</i>	<i>Aluminium & Mild Steel</i>
<i>Merge Point</i>	<i>Nose bar belt wrap around</i>