



CONVEYOR LOGISTICS

PRODUCT OVERVIEW



BELT CONVEYOR

BCV SERIES

www.conveyorlogistics.com.au

PRODUCT OVERVIEW

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

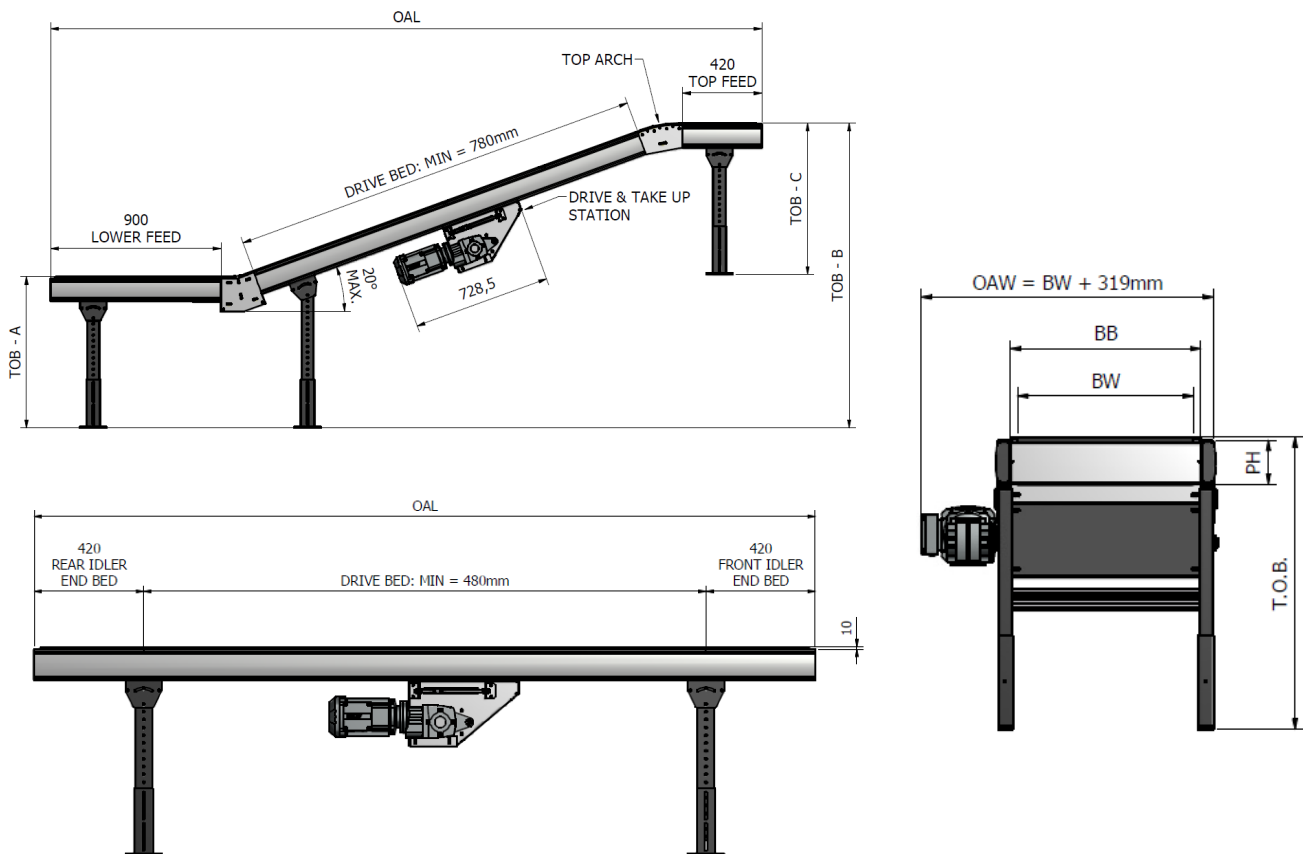
Designed for industry, the BCV Series Belt Conveyors can be customised for your specific application and it won't impact your bottom line.

We offer variations for Flat, Incline & Decline conveying applications.

APPLICATIONS

The 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



DIMENSION SPECIFICATION

| | |
|---------------------------------|---------------------------------------|
| OAL (Over All Length) | Up to 10.8mtrs |
| BW (Belt Width) | 280 to 880 in 100mm Increments |
| PH (Profile Height) | 120 (nom.) |
| TOB (Top of Belt Height) | 400mm min. – Upon Request |
| OAW (Over All Width) | Determined by BW |

SPECIFICATIONS

BCV SERIES



| | |
|---|--|
| General | |
| <i>Max. Length</i> | <i>10.8mtrs</i> |
| <i>Available BB (Back to Back Channel) Widths</i> | <i>320, 420, 520, 620, 720, 820, 920</i> |
| <i>Side Guides</i> | <i>Rail Type or Channel Type</i> |
| <i>Conveyor Speed</i> | <i>9 to 60 (meters per min)</i> |
| <i>Max. Load Rating</i> | <i>50 (kg per meter)</i> |
| <i>Operating Temperature</i> | <i>0 to +40 °C</i> |
| <i>Min. T.O.B (Top of Belt Height)</i> | <i>400mm</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> |
| Rollers | |
| <i>Roller— Drive</i> | <i>Ø140 (nom.) Crowned Pulley</i> |
| <i>Roller—End Idler</i> | <i>Ø60 Crowned Pulleys</i> |
| <i>Roller—Take up</i> | <i>Ø60 Crowned Pulley</i> |
| <i>Roller Tube Material</i> | <i>Mild Steel Zinc Plated</i> |
| Frame | |
| <i>Channel & Slider Beds</i> | <i>2.5mm & 2mm Mild Steel</i> |
| <i>Channel Depth</i> | <i>120mm</i> |