

Driven Applications

Designed to provide rapid assembly of conveyor solutions for changing workplaces. Systems can be easily configured and re-configured as required to suit your immediate requirements. With a simple 240v power supply and latching connections the engineering requirement is minimal.

- 75Kg capacity per linear metre (level).
- 800 to 1100mm adjustable conveyor height.
- 450, 600 and 750mm typical conveyor widths.
- Various systems building components available.
- 240V or 110V 1ph supply.
- 120Vdc on board.
- Easily combined with BestFlex products for system building.



Features

- **Motors** – 20 to 120 Vdc geared motors. Adjustable speed is from 2 to 36 metres per minute.
- **Controls** – Start/Stop controls on each section.
- **Adjustable Height** – Telescopic legs to raise or lower the conveyor height.
- **50mm Rollers** – Heavy duty precision bearing rollers on 12 mm axles for greater durability.
- **Side Plates** – Robust fabricated 3mm thick steel.
- **Castors** – 150mm x 50mm swivel castors. Castor brakes lock wheels in place while the conveyor is in use.

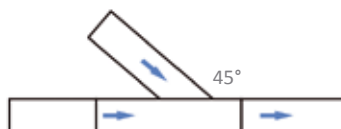
System Building Components

Straights

Lengths of 1.5m, 3m, 4.5m & 6m

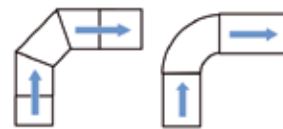


Merges



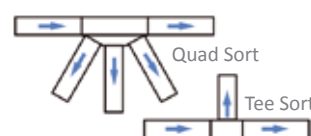
Corners

Angles of 45° and 90°. Tight corners for small parcels or curves for maintaining orientation.



Manual Sort Tables

Driven or non-driven



Performance Options

Optical Electronic Flow Control

Incorporates photo electronics to provide automated flow control giving the user improved ergonomics, reduced labour cost, and improved service life. With options of using diffuse scan, retro reflective or through beam sensors all product shapes and materials can be detected and controlled easily.



Indexing

The leading edge of a package is detected and starts the conveyor, which runs until the trailing edge is detected plus a preset time delay. The conveyor can be utilised as an end of line storage buffer.

Zero-Pressure Accumulation

Provides a zoned flow control only allowing each package to proceed when the down stream zone is empty. The addition of 'time out' control gives excellent power saving only driving the conveyor as required.

Electronic Package Stop

The conveyor stops when sensors at the end detect a package is present. This stops delicate packages from being driven into a fixed end and provides power saving control.



Roller Stop/Connector

Provides a simple mechanical connection between conveyor sections to allow longer lines to be built. This also acts as a drop-down stop at the end of lines.



Axle Centres

In addition to the standard axle centre of 100mm, 75mm is available on request to handle smaller packages.



200mm x 50mm Swivel Castors

For easier rolling over uneven surfaces. Adds 50mm to the conveyor height.



Side Guides

Prevents cartons from running off the edges of the conveyor.