

Driven Applications

Ideally suited for truck loading and unloading, distribution centres, packaging, mobile assembly lines, shipping and receiving.

- 150Kg capacity per linear metre (level).
- 800 to 1100mm adjustable conveyor height.
- 450, 600 and 750mm conveyor widths.
- Available in any length to fit your applications.



Features

- **Continuous Duty Multiple Drive Motors** – Line speed is adjustable from 0 to 36 metres per minute. Start/Stop controls at both ends.
- **Self Tracking** – Cartons follow the twists and turns of the conveyor path without using engineered curves.
- **Adjustable Height** – Telescopic legs to raise or lower the conveyor bed height.
- **Square Tubing Legs** – Heavy duty square tubing legs offer longer service life and stability.
- **40mm Rollers** – Heavy duty precision bearing rollers on 12 mm axles for greater durability.
- **40mm Side Plates** – Aluminium alloy construction features a ribbed design for added strength. Assembled with bolts and locking nuts.
- **Castors with brakes** – 150mm x 50mm swivel castors roll easily. Castor brakes lock wheels in place while the conveyor is in use.

Specifications

	Model Number	Standard Lengths (m) Compacted - Expanded	Leg Set Per Unit	Approx Shipping Weight (kg)
450mm Wide	PF15 - 18 - 12	1.25 - 3.66	4	145
	PF15 - 18 - 24	2.44 - 7.32	7	288
	PF15 - 18 - 36	3.63 - 10.97	10	431
	PF15 - 18 - 48	4.82 - 14.63	13	574
600mm Wide	PF15 - 24 - 12	1.25 - 3.66	4	170
	PF15 - 24 - 24	2.44 - 7.32	7	338
	PF15 - 24 - 36	3.63 - 10.97	10	508
	PF15 - 24 - 48	4.82 - 14.63	13	676
750mm Wide	PF15 - 30 - 12	1.25 - 3.66	4	195
	PF15 - 30 - 24	2.44 - 7.32	7	390
	PF15 - 30 - 36	3.63 - 10.97	10	583
	PF15 - 30 - 48	4.82 - 14.63	13	778

All conveyor products can be modified to suit specific design requirements. Please contact our sales representatives for details on sizes or options that are not listed.

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.

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.

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.



200mm x 50mm Swivel Castors

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



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 127mm options of 102mm and 76mm are available on request to handle smaller packages.



Impact Loading Table

A fabricated steel side frame is braced throughout to create an Impact Loading section to handle the increased abuse and wear normally associated with the loading point of a conveyor. Adding this item will significantly prolong the life of this area of a PowerFlex conveyor.



Side Guides

Prevents cartons from running off the edges of the conveyor.