

# UNI-FLEX Powered Roller Expandable Conveyor



## Powered Applications

Perfect for vehicle loading and unloading, parcel distribution centres and depot's, packaging, machine-to-machine-linking and all cross docking applications. Very easy to quickly move in or out of trucks for faster, safer, easier loading and unloading.

- Support legs are fully adjustable from 770mm to 1095mm as standard.
  - 150 Kg's load capacity per linear metre based on a level working height.
  - 450mm, 600mm and 750mm standard conveyor widths (900mm width option).
  - All support legs have welded braces for additional strength and rigidity.
  - Heavy Duty Castors – 160mm x 50mm swivel castors for maximum manoeuvrability. The castor wheel incorporates a foot operated brake.
  - SEW EuroDrive AC Motors - Conveyor speed is fully adjustable from 10 to 40 metres per minute; 0.09Kw for 230V/240V single phase supply.
- Motor Overload Protection - all drive motors have individual overload protection and LED warning to clearly indicate trip out.
  - State-of-the-Art, all steel electrical control cabinets sealed to IP55 standard.
  - Zero-Pressure accumulation provides "non touch" pressure free product queuing.
  - Indexing – electronically controlled spacing of packages and cartons for easier handling and bar code scanning.
  - Conveyor fully complies with all CE legislation.

## Roller Specification

40mm dia, steel zinc plated tube with twin grooves and full precision bearings for maximum life. Roller drive via heavy duty polyurethane drive belts.



## Electrical Control Cabinet

Our State-of-the-Art steel cabinet houses a top specification AC Inverter with keypad. The cabinet is mounted on a lockable sliding tray to enable easy user access for any adjustments or maintenance.



## Conveyor Options

### SMART OPTICS – PEC Package Stop

UNI-FLEX powered conveyors can be fitted with under roller photo optic sensors which will act as an electronic package stop. When a carton or package reaches the discharge end of the conveyor it will automatically stop. When the package is removed the conveyor will start automatically until the next package travels to the discharge point again.



### Roller Centres

125mm as standard when the conveyor is fully extended. Optional 75mm and 100mm roller centres can be supplied for the conveying of smaller packages or cartons. Please note that optional roller centres will affect the conveyor compacted length.

### Conveyor Connecting Bracket

Quickly and easily connects two or more conveyors together to expand your system.

