

Truck Loading

BestReach Telescopic Boom Conveyors will transport items quickly, safely and efficiently by extending directly into the trailer without the need of support. The use of this unit will reduce load/unload times significantly whilst improving operator working conditions.

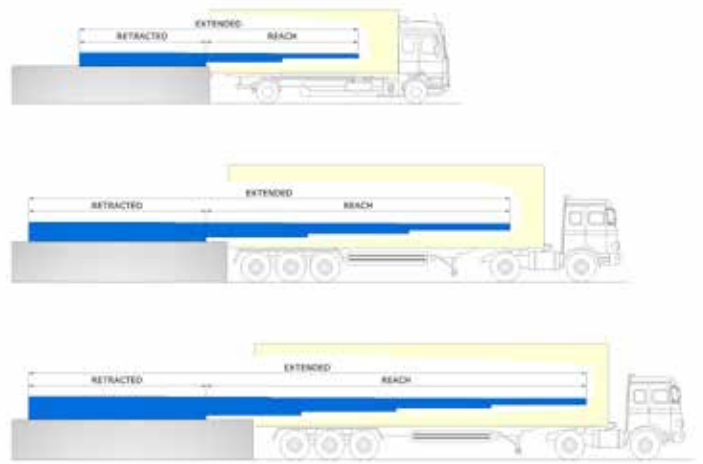
- 50 kg capacity per linear metre (level).
- 600mm & 800mm belt widths as standard with other widths available on request.
- 30m/min belt speed. Variable speed drive available on request.
- Top of belt height to suit specific applications.



Features

- **Construction** – BestReach telescopic boom conveyors are built to the highest standard with a 10mm thick main case providing one of the strongest, most robust, conveyors of its type on the market.
- **Boom End Lights** – Two low energy powered LED units are fitted to the front of the conveyor to provide light directly in front of the loading area.
- **Extension Stop Bar** – A spring-loaded bar fitted to the front boom acts as a failsafe stop when the conveyor is extending. If activated, the boom will stop all functions.
- **Brush strips** – Brush strips are fitted between each moving stage of the conveyor to prevent debris being drawn into the machine during retraction.
- **Shrouded Emergency Stop Buttons** – To limit the damage to emergency stops, Best conveyors add fabricated steel shrouds to the exposed emergency stop buttons.
- **Sprocket Guards** – Steel guards are mounted around each sprocket to prevent entrapment and injury by the extension mechanism.

- **Soft Start/Stop Extension** – To improve the function and life of the BestReach telescopic boom conveyor the extension drive system is fitted with a soft start/stop as standard.

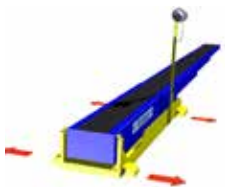


Specifications

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.

	2 Stage			3 Stage				4 Stage			
	BR250	BR290	BR2120	BR3120s	BR3135	BR3150	BR3170	BR4120	BR4135	BR4150	BR4170
Retracted	4.2 m	5 m	8.5 m	6 m	6.5 m	8 m	8.5 m	5.5 m	6 m	6.5 m	7.5 m
Reach	5 m	9 m	12 m	12 m	13.5 m	15 m	17 m	12 m	13.5 m	15 m	17 m
Extended	9.2 m	14 m	20.5 m	18 m	20 m	23 m	25.5 m	17.5 m	19.5 m	21.5 m	24.5 m

Performance Options



Traversing

The addition of wheels to the BestReach Telescopic Boom Conveyor will allow the machine to be used on multiple doors. Configurations are available for both manual and powered traverse and can be used in conjunction with floor rails or PU wheels.



Hydraulic Tilt

The outfeed height of the conveyor may be varied during use with the addition of a hydraulic tilt. Twin cylinders raise and lower the front of the main case, which pivots at the rear. The tilt option is often combined with the use of the man-rider platform to improve operator ergonomics.



Man-Rider Platform

When the man-rider platform is in position it provides a stable and comfortable base from which an operator can transfer goods between the conveyor and the pick face. This is often combined with hydraulic tilt to lift the operator and allow direct access to high pick faces.



Mobile Power Delivery

The BestReach Telescopic Boom Conveyor with traversing requires the addition of a mobile power delivery. This can be achieved using catenary cables, conductor rails or a retractable cable reel drum.



High Level Chassis

For applications where there is no loading dock a high level support frame may be used to raise the top of belt level to suit a free standing vehicle or container.



Raised Belt Transfer

The addition of a raised belt transfer creates a step in the top surface of the belt conveyor to allow goods to be smoothly transferred to and from an adjoining conveyor.