



OUR COMPANY. OUR BRANDS. OUR PRODUCTS.





It's the Company Behind the Machine that Makes a Difference.

Recognised as the leader in loose loading and unloading material handling solutions, FMH Conveyors manufactures, installs and services a complete range of standard or custom engineered conveyors for applications in distribution, warehousing, sortation, packaging and manufacturing.

With over 20 years of experience, our PowerFlex, BestFlex, BestReach, MaxxReach, and BestConnect brands are known throughout the industry for their superior design, functionality and performance.

Our products are robustly built to deliver lasting conveyor performance in the punishing conditions often associated with shipping and receiving.

We take pride in providing our customers the right product for their application.

We strive to understand all of our customers' needs so the solution provided is the right one for the job.

At FMH Conveyors we have a strong, knowledgeable team demonstrating years of expertise and leadership in material handling, with manufacturing operations in UK and USA.

FMH Conveyors delivers exemplary customer service by providing 24/7, 356 day/year support.

Whether you just need a spare part or need a technician to arrive on-site, we promise to take care of you right away.

FMH Conveyors is a Duravant Company.

Adapt. Respond. Deliver.



Gravity Applications

A proven performer for truck loading and unloading. Ideally suited for packaging, shipping and flexible assembly lines. The optional impact support section is available for high impact receiving applications.

- 300 kg capacity per linear metre (level).
- 720 to 1000 mm adjustable conveyor height.
- 450, 600 and 750 mm conveyor widths.
- Available in any length to fit your applications.



Features

- **Self Tracking** – Cartons follow the path of the conveyor without using engineered curves.
- **Adjustable Height** – Telescopic leg sections are used to raise or lower the conveyor height.
- **Square Tubing Legs** – Heavy duty square tubing legs offer longer service life and stability.
- **32mm Side Plates** – Aluminium alloy construction features a ribbed design for added strength. Assembled with bolts and locking nuts.
- **Structural Steel Support** – Steel channel spans the entire conveyor width for increased strength.
- **Castors with brakes** – 127mm x 38mm swivel castors allow easy movement. Castor brakes lock both wheel and swivel simultaneously while the conveyor is in use.

Specifications

	Model Number	Standard Lengths (m) Compacted - Expanded	Leg Set Per Unit	Skate Wheels Per Axle	Approx Shipping Weight (kg)
450mm Wide	BF200 - 18 - 12	0.95 - 3.66	4	7	78
	BF200 - 18 - 16	1.26 - 4.88	5	7	103
	BF200 - 18 - 20	1.57 - 6.10	6	7	128
	BF200 - 18 - 24	1.88 - 7.32	7	7	153
600mm Wide	BF200 - 24 - 12	0.95 - 3.66	4	9	90
	BF200 - 24 - 16	1.26 - 4.88	5	9	116
	BF200 - 24 - 20	1.57 - 6.10	6	9	145
	BF200 - 24 - 24	1.88 - 7.32	7	9	174
750mm Wide	BF200 - 30 - 12	0.95 - 3.66	4	10	102
	BF200 - 30 - 16	1.26 - 4.88	5	10	122
	BF200 - 30 - 20	1.57 - 6.10	6	10	153
	BF200 - 30 - 24	1.88 - 7.32	7	10	184

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



Package Stop

Stops cartons at the end of the conveyor and can be dropped down when not needed.



Axle Centres

In addition to the standard axle centre of 127mm options of 102mm and 76mm are available on request to handle smaller packages.



150mm x 50mm Swivel Castors

For easier rolling over uneven surfaces. (Adds 23mm to the conveyor height.)



Impact Support Section

Offers extra support to handle punishing conditions. Fitted as standard at each end. More are available on request.



Skate wheels

Available with zinc-plated steel skate wheels for high impact or blue nylon skate wheels for lighter duty applications.



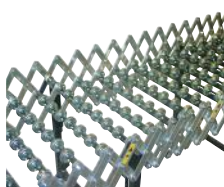
Perpendicular Legs

Keeps legs vertical in both the expanded and compacted positions for easier mobility and added strength.



Leg or Axle Connect Brackets

Easily connects two or more conveyors to span greater distances.



Side Rails

Prevents cartons from running off the conveyor in accumulating applications.

Gravity Applications

Excellent for handling odd shaped boxes, bags and low grade cartons.

- 220Kg capacity per linear metre (level).
- 762 to 1080mm adjustable conveyor height.
- 450, 600 and 750mm conveyor widths.
- Available in any length to fit your applications.



Features

- **Self Tracking** – Cartons follow the path of the conveyor without using engineered curves.
- **Adjustable Height** – Telescopic leg sections are used to raise or lower the conveyor height.
- **Square Tubing Legs** – Heavy duty square tubing legs offer longer service life and stability.
- **40mm Side Plates** – Aluminium alloy construction features a ribbed design for added strength. Assembled with bolts and locking nuts.
- **Castors with brakes** – 127mm x 38mm swivel castors allow easy movement. Castor brakes lock both wheel and swivel simultaneously while the conveyor is in use.

Specifications

	Model Number	Standard Lengths (m) Compacted - Expanded	Leg Set Per Unit	Approx Shipping Weight (kg)
450mm Wide	BFR - 18 - 12	1.25 - 3.66	4	102
	BFR - 18 - 16	1.66 - 4.88	5	132
	BFR - 18 - 20	2.03 - 6.10	6	163
	BFR - 18 - 24	2.40 - 7.32	7	193
600mm Wide	BFR - 24 - 12	1.25 - 3.66	4	109
	BFR - 24 - 16	1.66 - 4.88	5	138
	BFR - 24 - 20	2.03 - 6.10	6	170
	BFR - 24 - 24	2.40 - 7.32	7	200
750mm Wide	BFR - 30 - 12	1.25 - 3.66	4	116
	BFR - 30 - 16	1.66 - 4.88	5	145
	BFR - 30 - 20	2.03 - 6.10	6	177
	BFR - 30 - 24	2.40 - 7.32	7	206

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



Package Stop

Stops cartons at the end of the conveyor and can be dropped down when not needed.



Axle Centres

In addition to the standard axle centre of 127mm options of 102mm and 76mm are available on request to handle smaller packages.



150mm x 50mm Swivel Castors

For easier rolling over uneven surfaces. (Adds 23mm to the conveyor height.)



Side Guides

Prevents cartons from running off the edges of the conveyor.



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.



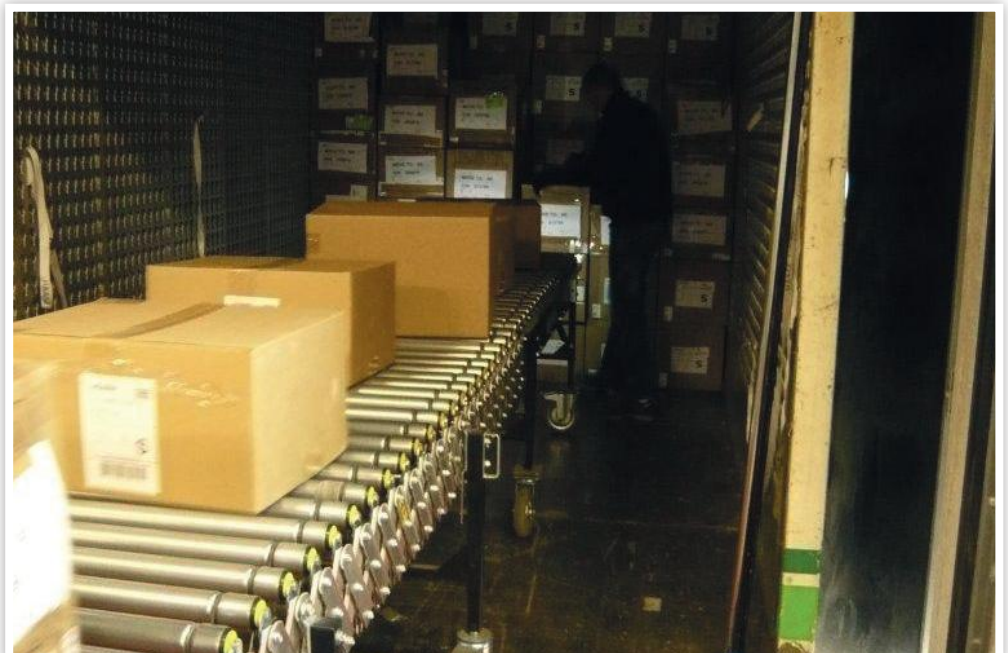
Perpendicular Legs

Keeps legs vertical in both the expanded and compacted positions for easier mobility and added strength.

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.

Driven Applications

Built tough to handle high use applications. Ideally suited for truck loading and unloading, distribution centres, packaging, mobile assembly lines, shipping and receiving.

- 150Kg capacity per linear metre (level).
- 724 to 946mm 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.
- **50mm Rollers** – Heavy duty precision bearing rollers on 12 mm axles for greater durability.
- **50mm Side Plates** – Aluminium alloy construction features a ribbed design for added strength. Assembled with bolts and locking nuts.
- **Castors with brakes** – 200mm 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	PF19 - 18 - 12	1.58 - 3.66	4	168
	PF19 - 18 - 24	3.11 - 7.32	7	335
	PF19 - 18 - 36	4.63 - 10.97	10	501
	PF19 - 18 - 48	6.16 - 14.63	13	669
600mm Wide	PF19 - 24 - 12	1.58 - 3.66	4	186
	PF19 - 24 - 24	3.11 - 7.32	7	372
	PF19 - 24 - 36	4.63 - 10.97	10	558
	PF19 - 24 - 48	6.16 - 14.63	13	744
750mm Wide	PF19 - 30 - 12	1.58 - 3.66	4	204
	PF19 - 30 - 24	3.11 - 7.32	7	408
	PF19 - 30 - 36	4.63 - 10.97	10	612
	PF19 - 30 - 48	6.16 - 14.63	13	816

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.

SV Loader

The SVLoader has been designed to load small vehicles from either level access or dock levellers.

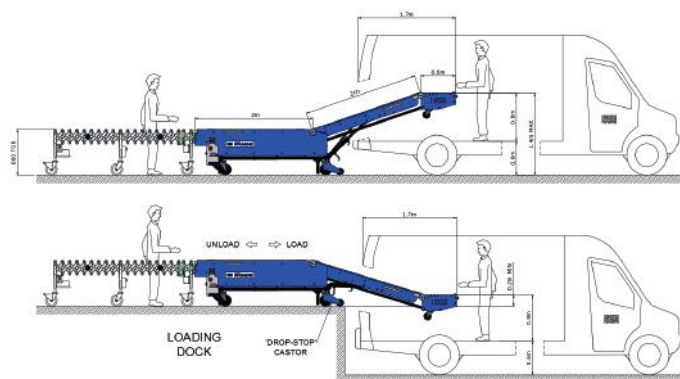
Ideally suited for the parcel, postal and 3PL markets this unit is easy to use and can be combined with BestFlex, PowerFlex or BestConnect products to create a total loading solution.

- 50kg/m load capacity.
- 18-30m/min belt speed.
- 600mm Belt Width.
- Variable height to suit various vehicles.
- Suitable for loading and unloading.



Features

- **Construction** – Heavy duty construction and supporting framework makes the SVLoader one of the most robust units of its type on the market.
- **Shrouded Buttons** – To limit the damage to emergency stops, FMH Conveyors add fabricated steel shrouds to the exposed emergency stop buttons.
- **Fully Guarded** – All moving or rotating parts are fully guarded to prevent entrapment and injury.
- **Mobile** – SV Loader units are fully mobile utilising $\varnothing 200\text{mm}$ heavy duty castors.
- **Safety** – To prevent the unit from being pushed off a dock leveller the unique FMH 'Drop-Stop' safety castor is used.
- **Power** – SV Loader units are normally powered via a simple 240Vac plug connection.
- **Light weight** – Easy to move around in any factory or warehouse environment.
- **Adjustable** – Hand actuated hydraulic height adjustment for fine-tuned ergonomics.



Performance Options

Side Guides

To prevent smaller items from falling from the side of the conveyor it is possible to fit side guides to the inclined section of the unit.



Lights

Can be provided with LED headlights to illuminate the inside of the vehicle



Optical Electronic

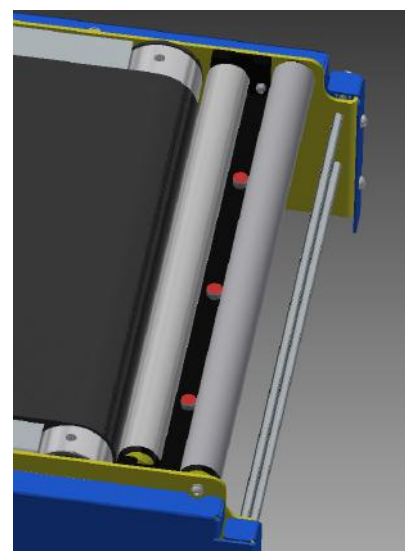
Flow Control Incorporates photo electronics to provide automated flow control giving the user improved ergonomics, reduced labour cost and improved service life. With options of using diffuse scan, retro reflective or through beam sensors all product shapes and materials can be detected and controlled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

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 pre-set time delay. The conveyor can be utilised as an end of line storage buffer.



Dockless Loading

Mobile loaders are designed specifically for use in premises without a raised loading dock, which makes it ideal for loading vans and other smaller vehicles. Using this unit makes your vehicle loading/unloading operation faster, safer and more efficient, and helps you comply with manual handling regulations.

- 50 kg capacity per linear metre.
- 600mm belt widths as standard.
- 20m/min belt speed. Variable speed drives are available on request.
- Variable height at low level for manual handling or joining to another conveyor.
- Variable tongue height for use in any vehicle type.

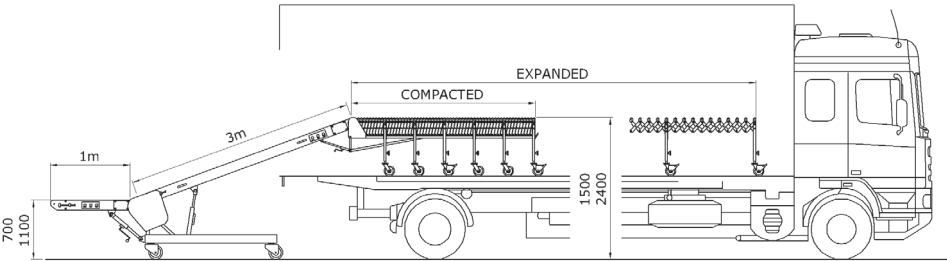


Features

- **Construction** – Heavy duty construction and supporting frame work make Mobile Loaders one of the most robust units of its type on the market.
- **Shrouded Buttons** – To limit the damage to emergency stops, FMH Conveyors add fabricated steel shrouds to the exposed emergency stop buttons.
- **Fully Guarded** – All moving or rotating parts are fully guarded to prevent entrapment and injury.
- **Mobile** – Mobile Loader units are fully mobile utilising ø200mm heavy duty castors.
- **Power** – Mobile Loaders are normally powered via a simple 240Vac plug connection. 110Vac and 415Vac versions are available. Each unit comes with ancillary sockets to power adjoining flexible conveyors.

Specifications

Conveyor Type	Expanded	Compacted
BFVL - 24 - 24	7.32 m	1.88 m
BFVL - 24 - 32	9.75 m	2.50 m
PFVL - 24 - 24	7.32 m	2.44 m
PFVL - 24 - 28	8.53 m	2.83 m



Performance Options



Powered Hydraulic Lift
Mobile Loaders are available with either powered or hand operated hydraulics.

Brake Motors
Normally required when heavier packages are to stop on the inclined belt, the brake motor will prevent free movement when the conveyor is in a stop condition.



End Light
The powered conveyor tongue can be supplied with a halogen light fitted to the end.



Side Guides
To prevent smaller items from falling from the side of the conveyor it is possible to fit side guide to the inclined section of the unit.



Optics 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.



Powered or Gravity
The associated flexible conveyors can be either powered roller, non-powered roller or skate wheel configurations.

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, FMH 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.



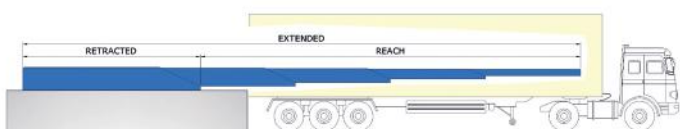
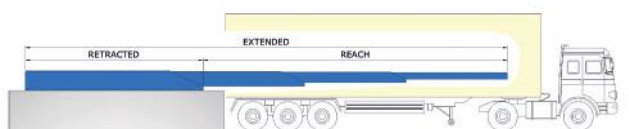
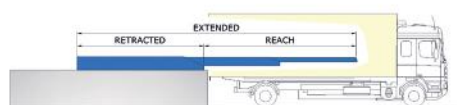
MaxxReach Specifications

	2 Stage		3 Stage						4 Stage		
	MR260	MR290	MR3110	MR3120	MR3150	MR3170	MR3185	MR3198	MR4120	MR4150	MR4170
Retracted	4.5 m	6.5 m	5.5 m	6 m	7.3 m	8 m	8.8 m	9.2 m	5 m	6 m	7 m
Reach	6 m	9 m	11 m	12 m	15 m	17 m	18.5 m	19.8 m	12 m	15 m	17 m
Extended	10.5 m	15.5 m	16.5 m	18 m	22.3 m	25 m	27.3 m	29 m	17 m	21 m	24 m

BestReach Specifications

	2 Stage			3 Stage				4 Stage			
	BR250	BR290	BR2120	BR3120s	BR3135	BR3150	BR3170	BR4120	BR4135	BR4150	BR4170
Retracted	4.2 m	7 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	16 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

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



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.

Truck Loading

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

These units are typically used in conjunction with sortation systems or feeding conveyors.

- 50 kg capacity per linear metre (level).
- Heavy duty $\varnothing 50$ steel rollers.
- 600mm and 800mm roller width.
- 75mm roller pitch.
- 3° – 5° gravity decline typical.



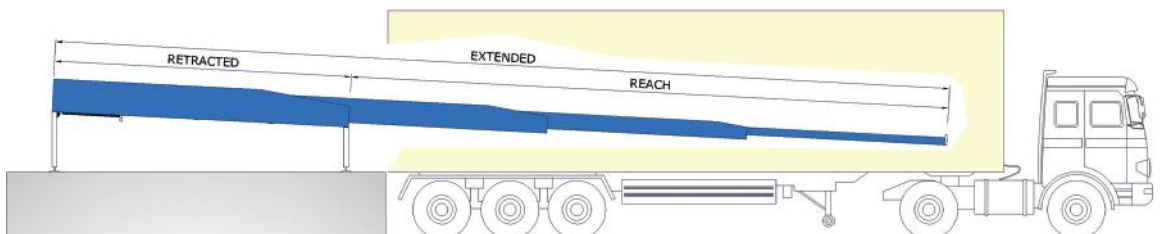
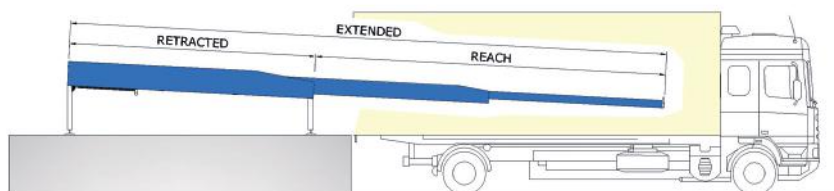
Features

- **Construction** – BestReach Gravity Telescopic Boom conveyors are built to the highest standard with a thick steel main case providing one of the strongest, most robust, conveyors of its type on the market.
- **Drop Down Stop** – A package stop is fitted to the end of the last stage of the conveyor but can be latched up or down as required.
- **Spring Assisted** – A torsional coil spring is fitted between the extending stages to aid smooth extension and retraction.
- **Hinged Transitions** – The roller transitions at the joint between stages are hinged at the rear to prevent entrapment and injury caused by retraction.

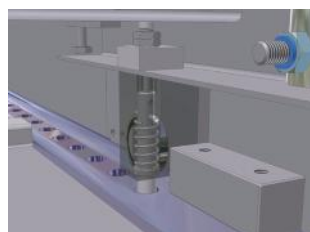
Specifications

	2 Stage		3 Stage
	BRG270	BRG290	BRG3120
Retracted	5.0 m	6.0 m	6.0 m
Reach	7.0 m	9.0 m	12.0 m
Extended	12.0 m	15.0 m	18.0 m

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



Positional Lock

If the operation requires products to accumulate on the BestReach Gravity conveyor positional lock may be required to prevent the conveyor from extending under the weight of the product.



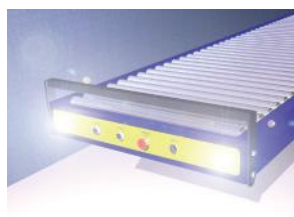
Powered Extension

The manual (spring assisted) extension can be exchanged for a powered version driven by an electric geared motor.



Raised Roller Transfer

The addition of a raised roller transfer creates a step in the top surface of the conveyor to allow goods to be smoothly transferred from a feeding conveyor.



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.

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.



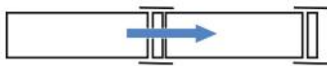
Features

- **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.

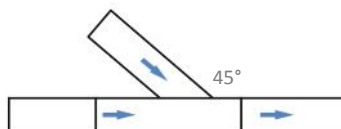
System Building Components

Straights

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

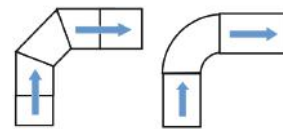


Merges



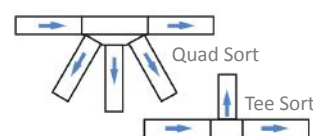
Corners

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.



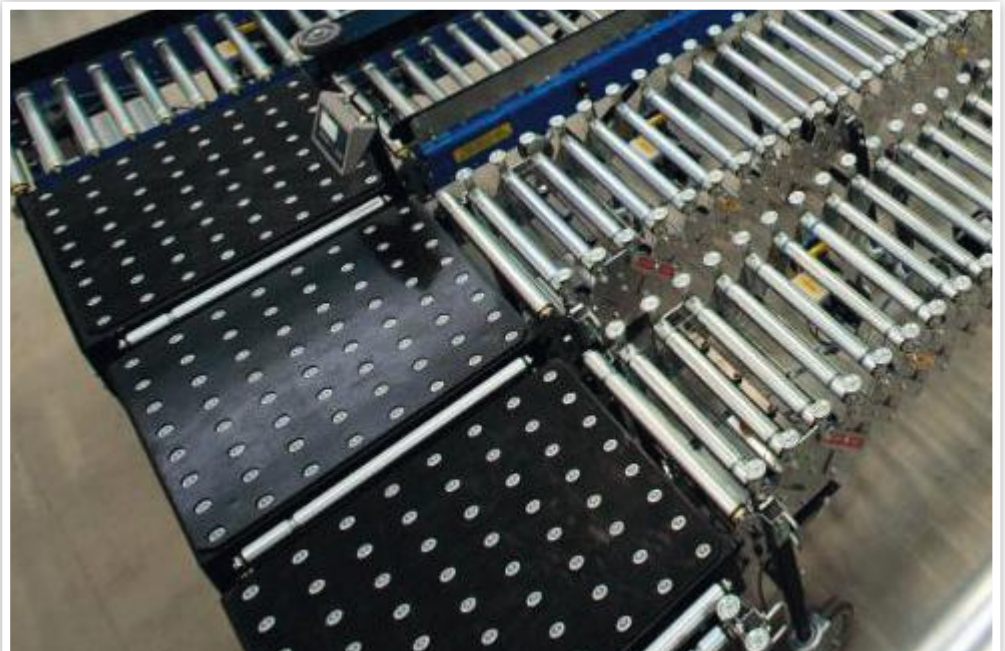
Side Guides

Prevents cartons from running off the edges of the conveyor.

Manual Sortation

An innovative new design to allow you to easily sort packages and parcels during your manual sortation process. The unit can also be supplied with an integrated weigh scale unit.

- 150kg/m Capacity
- 100mm Ball Pitch
- Adjustable Height
800mm – 1100mm



Features

- **Adjustable Height** – Telescopic leg sections are used to raise or lower the conveyor height.
- **Square Tubing Legs** – Heavy duty square tubing legs offer a longer service life and stability.
- **Castors with brakes** – 127mm x 38mm swivel castors allow easy movement. Castor brakes lock both wheel and swivel simultaneously while the conveyor is in use.

Specifications

Model Number	Width	Length
BLBT-600-600	650	650
BLBT-800-800	800	800
BLBT-1000-1000	1000	1000

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

Ball Pitch
In addition to the standard ball pitch of 100mm options of 75mm or 50mm are available on request to handle smaller packages.

Mettler Toledo Weigh Scale
300kg/50g Capacity (Calibrated). Various display options and languages available.

150mm x 50mm Swivel Castors
For easier rolling over uneven surfaces. (Adds 23mm to the conveyor height.)

Roller Stop Connectors
Provides a simple connection between the ball table and conveyor sections. This can also act as a package stop on the ball table.

BTWS - Ball Table with Integrated Weigh Scale



Bulk Parcel Tipping

Constructed from mild or stainless steel, our equipment is offered in several sizes, capacities and options to meet a wide variety of process requirements.

Pioneer dumpers are built with pride using high quality components and designed for years of trouble-free operation.

- Heavy Duty Steel Construction.
- 1.25t Lifting Capacity.
- 135° Bucket Rotation
- Flared Entry Guards

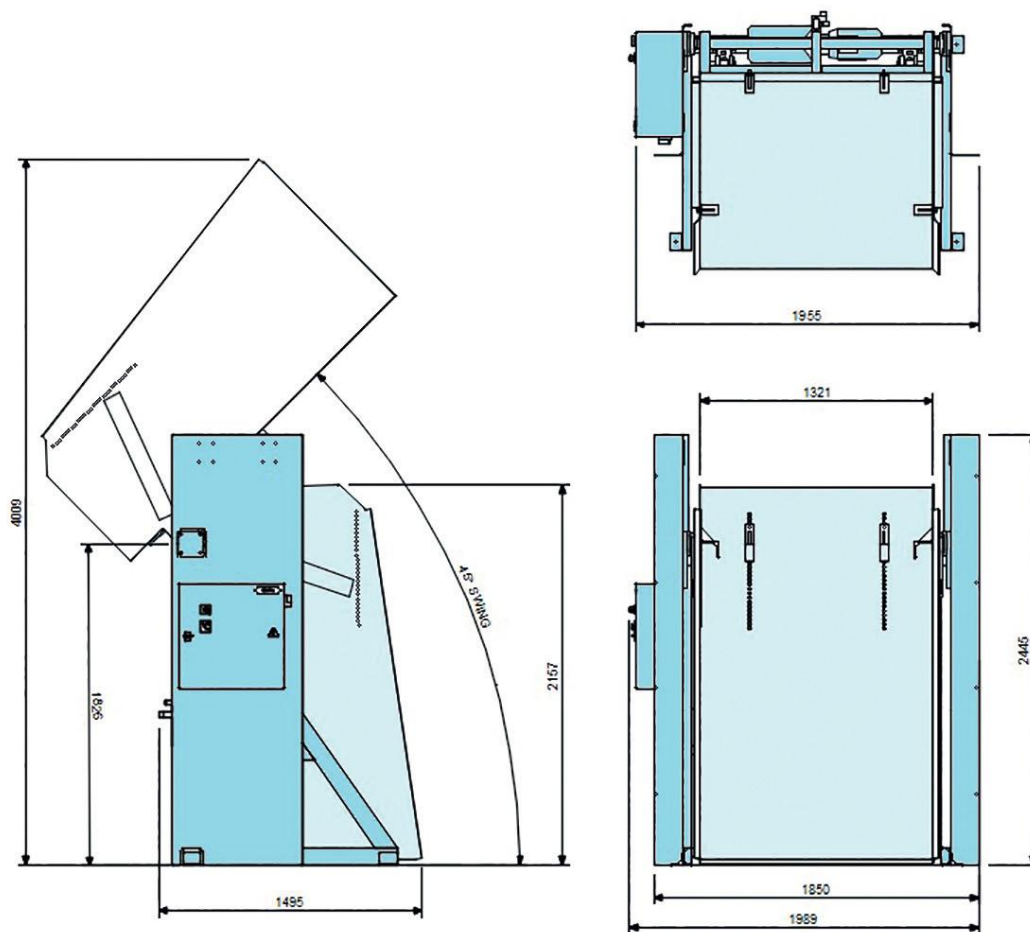


Features

- **Construction** – Heavy duty construction and supporting frame work.
- **Shrouded Buttons** – To limit the damage to emergency stops, FMH Conveyors add fabricated steel shrouds to the exposed emergency stop buttons.
- **Fully Guarded** – All moving or rotating parts are fully guarded to prevent entrapment and injury.
- **Ground Entry** – For ease of access with your product
- **Hydraulics** – Dual hydraulic cylinders
- **CE** – Fully CE marked and certified.

Optional Features

- Auto / manual controls & automation
- Safety gating with interlocks
- Additional chutes and conveyors
- Remote control stations
- External safety interlocks



Specifications

Model	Description	Bucket Width (mm)	Dump Height (mm)	Lift (kg)
HD-72E	Titan Extended Pivot Hydraulic Box Dumper	1321	1829	1250

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

We offer full cradle-to-the-grave solutions

- Project management
- Full after care of your investment
- Tailored spares boxes available on site
- 24/7 breakdown cover
- Call centre

Conveyor Servicing

The importance of a PPM schedule is to keep your system running at its best throughout the life of the system. To accomplish this we have made our servicing more in-depth so we can reduce your down time. Our service vehicles carry 75% of the spares with them and, should you require us to proceed with any issues that are highlighted, this reduces return visits.

With a first time fix policy for service visits we can set up for our customers to hold essential spares on site and offer a full asset tracking facility. This enables us to give accurate life span running costs and our customers have the ability to decide when the most cost effective time is to change.

What's in a service

- We make assessments on overall condition
- Thermal imaging of control cabinets
- Thermal imaging of motors and bearings
- Check speeds and make adjustments
- Validation tests of Emergency stop system
- Electrical tests
- Earth bond testing
- Spare parts inventory checks
- Issue reports on the system



Service Spares Kits (OEM)

Spares boxes are lockable and available in various sizes, with an inventory of the spares held. We can provide replenishment of spares on request. Most parts are available on next day delivery.



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