

# EDS CATALOGUE



ENGINEERING DESIGN STANDARD

2024



**FlexLink®**

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#### Patents

Essential parts of the FlexLink product range are protected by patents and design regulations.  
Drawings are made to European standards.

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# The product range

## FlexLink's products

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### Conveyor systems

FlexLink's conveyor is based on a conveyor beam in aluminium or stainless steel, with low friction slide rails guiding a plastic multi-flexing chain. Products to be conveyed travel directly on the conveyor, or on puck/pallets/carriers. Weights range from a few grams up to 30 kg in many shapes.



### Pallet systems

The pallet systems are based on FlexLink's conveyors with product carrier sizes from 100×128 mm up to 640×640 mm. Standard solutions like locating stations, diverters and elevators together with our range of linear units, frameworks and enclosures, ensure efficient, high quality installations and systems.



## Other FlexLink products

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### PCB handling

FlexLink's printed circuit board handling platform provides high quality, reliable solutions. These high throughput modules provide transport, product buffering/accumulation, and a full range of handling and routing alternatives.



### Tissue handling

Support through the whole paper converting process: conveying, elevating, turning, rejecting, diverting, combining and collating products, from cores via naked tissue to finished packs, bags and bundles.



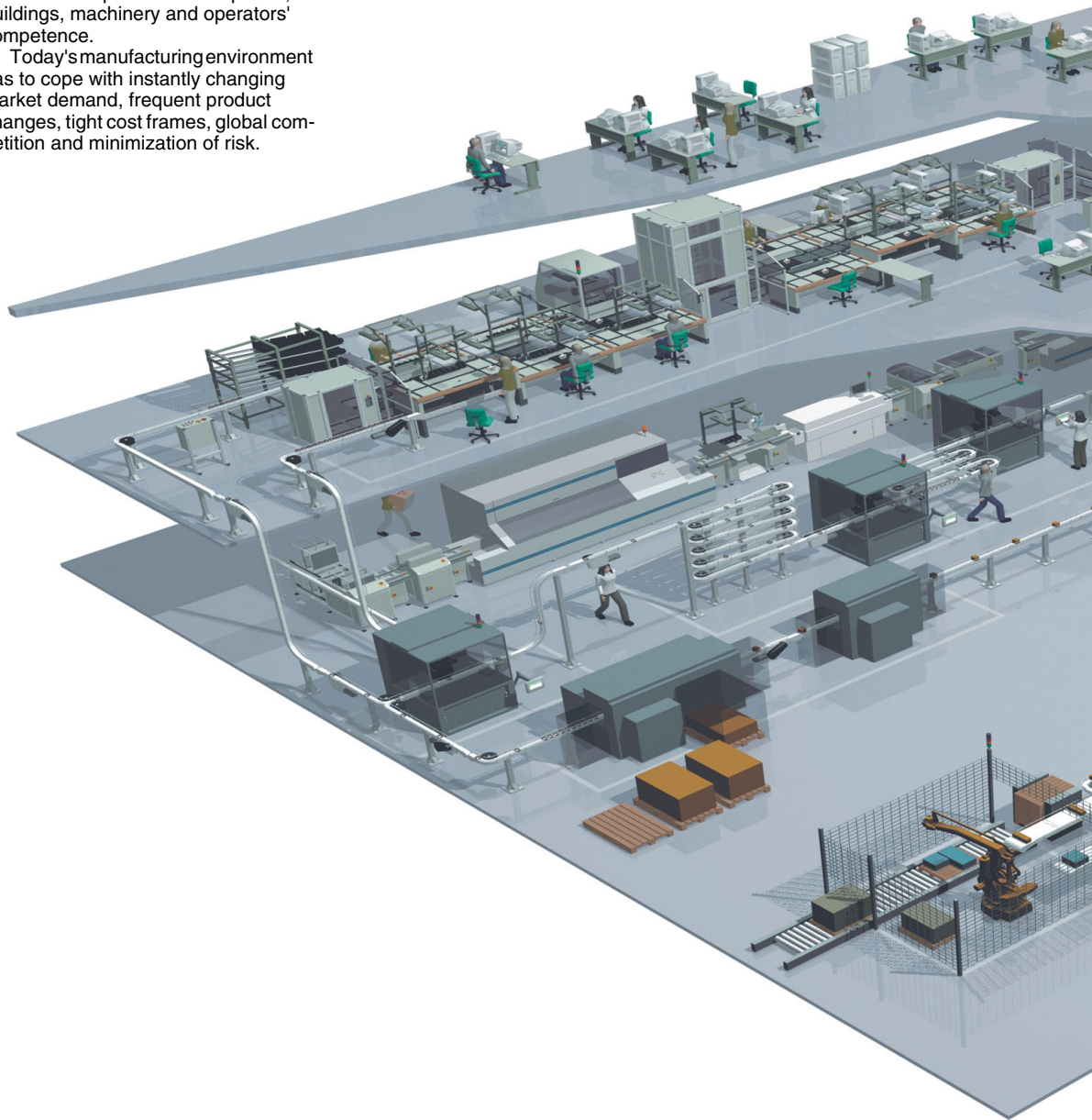


## An automated product flow

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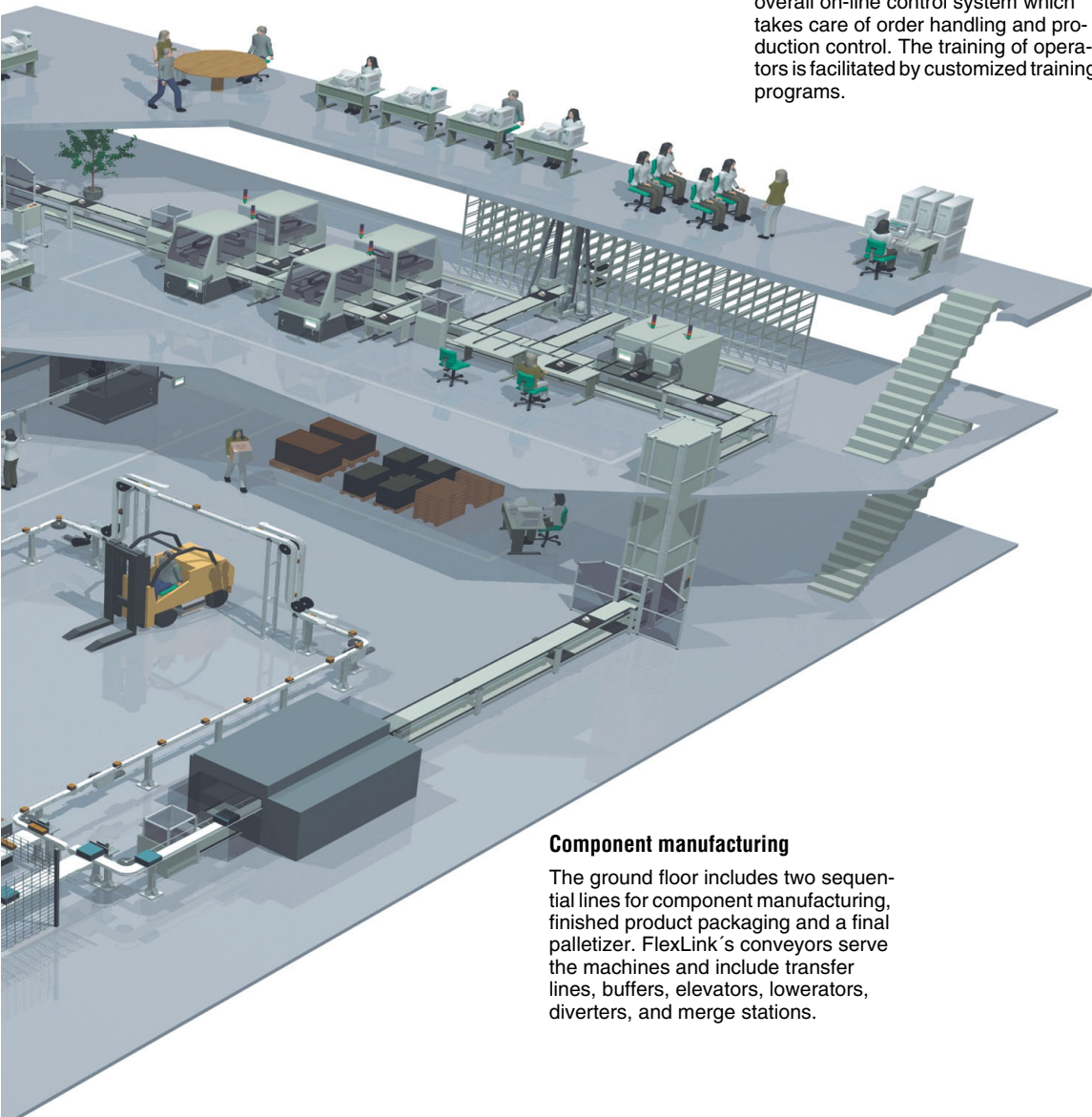
The automation of your production flow means that you can leverage on the investment in product development, buildings, machinery and operators' competence.

Today's manufacturing environment has to cope with instantly changing market demand, frequent product changes, tight cost frames, global competition and minimization of risk.



### Software and training

The entire plant is supervised by an overall on-line control system which takes care of order handling and production control. The training of operators is facilitated by customized training programs.



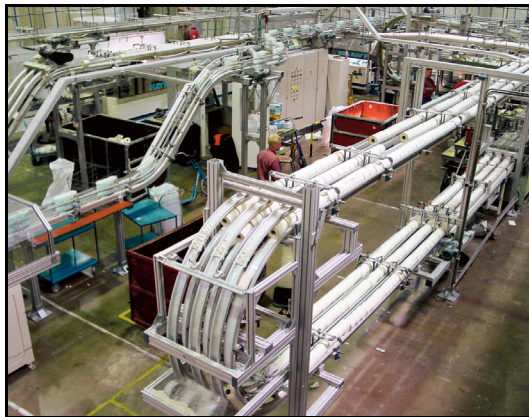
### Component manufacturing

The ground floor includes two sequential lines for component manufacturing, finished product packaging and a final palletizer. FlexLink's conveyors serve the machines and include transfer lines, buffers, elevators, lowerators, diverters, and merge stations.





*Automatic machinery for gear wheels*



*Chute for quick and efficient lowering*



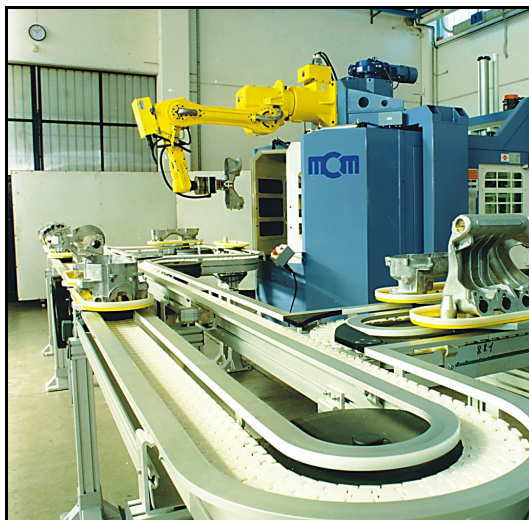
*Inhalator packaging and filling line*



*Tray packaging*



*Multi-functional wedge conveyor for cosmetic bottles*



*Highway and satellite concept*





*Repair line*



*Hygienic filling line*



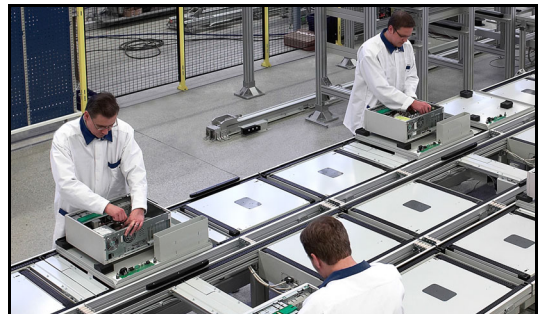
*Production software*



*Printed circuit board assembly line*



*In-line case elevation*



*Assembly system*



### Portal for simplified engineering and business

Increase your efficiency when planning, purchasing, building, installing, running and servicing automation solutions based on FlexLink's products. FlexLink's homepage, [www.flexlink.com](http://www.flexlink.com), offers in-depth technical information and My FlexLink, the portal for online ordering and engineering tool updates.

Please navigate through the different sections of the site and find out how it can simplify your next automation installation.

### Catalogues and other technical information

- General catalogues
- Technical bulletins
- Spare parts catalogues
- Technical information regarding drive units and chains.

### Engineering guidelines

Basic engineering guidelines and guidelines regarding specific applications.

### Helpdesk

Fill in a form to get in contact with the customer support team.

### My FlexLink

#### *Online Store*

- Quick and simple ordering
- Price and availability
- Import a product list generated from Configura or FlexCAD NG
- Configure modules
- Order archive

#### *Engineering tools*

- Design tool, Configura
- Add on to AutoCAD, FlexCAD NG (available from the local SU)
- Tools for calculation of chain tensions
- CAD blocks

#### *Register now*

Register now for your access to My FlexLink at [www.flexlink.com](http://www.flexlink.com).

# Product Overview

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### “Product Transfer” on page 13 (PT)

### “Product Rotate” on page 61 (PR)

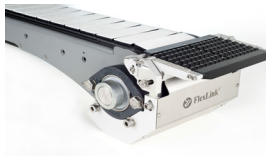
#### Roller bridges for product transfer



##### Features

The static roller bridge system provides a very flexible way to assist in the transfer of product on conveyors in a production line.

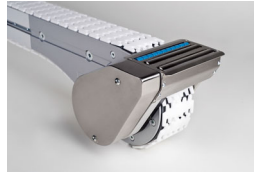
#### Transfer unit for Spiral elevator



##### Features

The Transfer unit is designed to provide assistance in transferring product onto or off a standard Spiral Elevator.

#### Driven conveyor transfer



##### Features

FlexLink offers a range of inline pre-built driven conveyor transfers for the drive of products when feeding between conveyor drive and idler, conveyor drive and machine, and idler unit and machine.

#### Product rotation unit



##### Features

FlexLink offers a range of pack rotation units. The unit allows a range of product sizes up to a maximum of 400 packs per minute to be rotated, clockwise or anticlockwise.

### “Product Guiding Solution” on page 61 (PGS)

### “Conveyor Access Solution” on page 73 (CAS)

#### Manual adjustable guiderails system for quick product changeovers



##### Features

The manual adjustable guiding system provides a very flexible way to add fast width adjustment for conveyors in a production line. The system offers fast and easy resetting of product guiding systems in production flows. The effect is increased line efficiency and safe product distribution throughout the line.

#### Vertical Gate Conveyor mechanism



##### Features

The vertical gate mechanism is designed to allow access through a conveyor system for movement of personnel and materials when access and floor space is limited, and normal access routes are unavailable

#### Horizontal Gate Conveyor mechanism



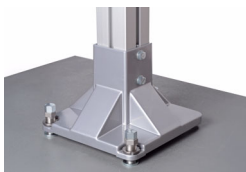
##### Features

The horizontal gate mechanism is designed to allow access through a conveyor system for movement of personnel and materials when access and floor space is limited, and normal access routes are unavailable.

**Special Drip tray for Plain and non standard Vertical bends**

**A wide stainless steel drip tray solution**

**Adjustable foot assembly**



**Features**

FlexLink offers a range of horizontal & vertical stainless steel drip trays. The drip tray is designed for horizontal conveyor bends. The trays integrate to the existing standard drip tray design.

**Features**

FlexLink offers wide stainless steel drip trays for use in handling oily or wet components. The tray has increased width for wider handled products

**Features**

FlexLink offers two height adjustment die cast feet for the levelling and alignment of conveyor support legs. The unit allows fine tuning of the support leg position via foot adjustment.

**“Maintenance Aid” on page 103 (MA)**

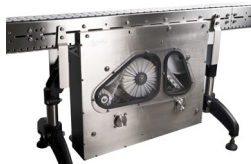
**“Metal Detection System” on page 115(MDS)**

**Chain washer and dryer unit**

**Chain Washing unit**

**Open idler unit**

**Metal detector conveyor section**



**Features**

The chain washing unit is designed to run continuously when working with production lines that have a high degree of product spillage. The result is a cleaner and dryer chain that allows longer production runs without the need for CIP or routine maintenance.

**Features**

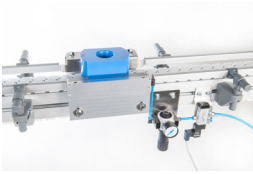
The inline chain washing unit is designed to run continuously when working with production lines that have a high degree of product spillage. The result is a cleaner chain that allows longer production runs without the need for CIP or routine maintenance.

**Features**

FlexLink offers a range of open idler units for use in dusty/harsh environments. The open faces of the idler allow dust and debris built up during running the conveyor system to be removed from the conveyor at a convenient point.

**Features**

FlexLink offers a range of inline metal detector conveyor sections where the detection of metallic objects in the product is required.



*Features*

The Pneumatic pack clamping unit allows side clamping of products when on a conveyor line. The unit is designed for in-line clamping of products and allows the holding of product in a queue in the event of a line shutdown.



*Features*

FlexLink offers a mechanism for the manual movement of guide rails between different positions for diverting products between different conveyor lanes.



*Features*

FlexLink offers an overhead merging unit that allows the merging of two lanes of products into one lane. The unit allows a range of products up to a maximum production rate of 400 products per minute.

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## Introduction

### *Critical factor*

To achieve an operational installation which is reasonably safe for all people involved in its use and maintenance, it is necessary to consider certain aspects. This is done when designing a conveyor system. The chain is generally the critical factor to consider with guarding.

### *Safeguarding*

All pinch and shear points as well as other exposed moving parts that present a hazard to people at their workstations or their passageways must be safeguarded. Overhead conveyors must be guarded to prevent objects falling. Cleated conveyor chains are more hazardous in creating more pinch and shear points than plain conveyor chains.

Safeguarding can be achieved by:

- Location  
Location of the hazardous area away from the area occupied by personnel, wherever possible.
- Guards  
Mechanical barriers preventing entry into the hazardous areas or protecting against falling objects.
- Control devices  
Machine controls which prevent the interruption of hazardous operations/conditions.
- Warnings  
Instructions, warning labels, or sound/light signals which alert to hazardous conditions.

Safeguarding should be designed to minimize discomfort or difficulties to the operator. Bypassing or overriding the safeguarding during operation should be difficult.

Warning labels etc. should only be used when all other means of safeguarding will impair the function of the installation or are not cost effective.

The degree of safeguarding required should be identified during the implementation of the essential safety requirement during the design process.

## Special considerations

When correctly applied, FlexLink family of components are safe to use and maintain. It is however necessary for those responsible for design, installation, operation and maintenance of installations to be aware of certain areas where special attention is required.

### *All drive units with slip clutch*

- Before adjusting the slip clutch it is necessary to remove all objects from the chain to remove any remaining chain tension.
- Adjustment should be conducted in accordance with the maintenance procedures.
- All drive units, except the direct drive units, are fitted with transmission chain covers, these covers must be fitted before unit is operated.

### *Note*

The slip clutch is not a personnel safety device, but a device to protect the conveyor equipment.

### *End drive units*

- The chain slack (catenary) of the end drive units must be maintained during the system lifetime.
- If side plates are fitted, the chain must be shortened if the chain becomes visible below the level of the side plates.
- The opening between the links when they turn round the end roller could be a risk. Drive ends should not be accessible during conveyor operation wherever possible.

For coupled drive units, safety protection should be applied to the connecting shaft.

### *Intermediate drive units*

- The area near the guides for the return loop of the chain should not be accessible during conveyor operation.

### *Catenary drive unit*

- The 'bridge' area where the chain goes down into the drive should not be accessible during conveyor operation.

### *Bend drive unit*

- The drive wheel and the transmission chain should not be accessible during the conveyor operation.

### *Idler units*

- The opening between the links when they turn round the idler roller could be a risk. Idler ends should not be accessible during conveyor operation wherever possible.

### *Wheel bends*

- Guarding may be required at wheel bends depending upon location of bends and load applied to the conveyor.

### *Cleated chains*

- Any application incorporating cleated chains requires careful safety consideration. Pinch and shear points are generated throughout the assembly of the incorporated components. Therefore generous guarding should always be employed to fully protect within user operating limitations.

- There is a higher risk of product damage when using cleated chains. Special attention must be given to operator access in the event of products becoming trapped or similar.

### *Maintenance*

The maintenance routine of FlexLink's conveyors should also include procedures to ensure that the guarding remains securely fastened and effective (if not interlocked via control system etc.).

FlexLink's components are continuously reviewed to improve performance either by design modification or material upgrade. In all these reviews user safety is our primary consideration.

All associated technical data is retained at the manufacturer's address.

### *Control system*

Before operating or completing any maintenance on control system, read the associated section as supplied with the equipment documentation.

If there are any questions as to the safe operating procedures of the equipment supplied, please contact FlexLink immediately.

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## System maintenance

### *Introduction*

The following section is designed to offer assistance for your planned maintenance schedule. It may become evident that the suggested maintenance intervals can be extended to accommodate your local environmental conditions.

Maintenance of the conveyor systems should only be carried out by competent persons, who are familiar with FlexLink's equipment. If there is any doubt as to the most suitable procedure for maintenance, consult your FlexLink supplier.

### **Run-in period**

Two to three weeks is usually enough as a run-in period. During this time, the conveyor should be cleaned a couple of times, to remove dust. After run-in, wear will be minimal, unless particles from the product or process reach the conveyor continuously.

### **Chain elongation**

Especially during the run-in period, and if the load is heavy, the conveyor chain will slowly increase in length. This effect will be most obvious for long conveyors. After continuous operation for two weeks, it is often possible to remove a couple of chain links. After this period, we recommend a check every 3–6 months.

### *Non FlexLink equipment*

Equipment and components which are not from the FlexLink family of products should be maintained and serviced in accordance with their respective manufacturer's instructions.

### *Safety considerations*

Before starting any maintenance on your FlexLink equipment, the following safety instructions must be observed:

- All electricity must be switched off.
- Make sure that the motor switch is also switched off and locked in the "off" position.
- Pneumatic and/or hydraulic power must be disconnected and any pressure accumulation released.
- Products being transported should, if possible, be removed from the conveyor chain.
- Staff affected must be informed that maintenance work is being undertaken.

### *Warning*

Do not climb onto the equipment.

## Temperatures

### *What temperatures can a FlexLink conveyor operate in?*

A FlexLink conveyor can operate in temperatures between  $-20^{\circ}\text{C}$  and  $+60^{\circ}\text{C}$ .

Temperatures up to  $+100^{\circ}\text{C}$  can be taken for short periods. This is mainly for cleaning and rinsing.

### *What happens if these limits are exceeded?*

In cases where the recommended specifications have not been followed, such as in very warm and cold conditions, this will change the properties of the materials used.

FlexLink cannot guarantee components and their functionality in case these recommendations are not followed.

# Product Transfer

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# Passive Roller bridges for product transfer



*The roller bridge system provides a very flexible way to assist in the transfer of product on conveyors in a production line.*

The system has a modular design and consists of a range of mounting kits to suit different combinations of conveyor drive and Idler unit configuration.

In addition to this a range of different roller bridge modules allows for different options on bridge design to suit a wide range of different applications and products.

There are three main configurations of the bridge available:

**Configuration one** is supplied for transfer of products between drive and idler unit, with the inclusion of a bracing plate between the drive and idler unit to maintain rigidity of the conveyor transfer

**Configuration two** is supplied for the transfer of products from a FlexLink conveyor at a machine interface position.

**Configuration three** is supplied for the transfer of products from a machine onto a FlexLink conveyor.

## Standard features

- **Safe** – sprung loaded retaining design provides 'pop out' functionality in the event of a product or personnel jam.
- **Radial infeed edge** – allows close integration to drive and idler unit for smoother product transfer.
- **Modular design** – quick and easy interchangeability with ease of assembly and installation.
- **Low friction** – low noise design.
- **Several options** – multi- or single roller design in plastic.

## Materials

Support bracket.....	Stainless steel
roller frame.....	Acetal resin
Pins, washers and bolts.....	Stainless steel grade 304

**NOTE!** Chain type A or K are **not** compatible with the transfers!

## Ordering information

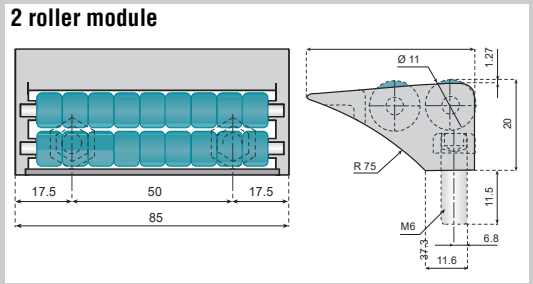
The bridges are **available to order in two parts** – the first part is **the roller bridge itself**. The second part of the kit is **the mounting kit** for securing the roller bridge to the conveyor.

# Roller bridge modules

## 2 roller module

The **2 roller** version of bridging module is available in four options. The width of the module is 85 mm.

*Note.* Remember to order **the mounting kit** for securing the roller bridge to the conveyor.



### 2 roller module



**2 roller module**  
Single plastic roller (acetal resin), with ball bearing on shaft

**8042288**

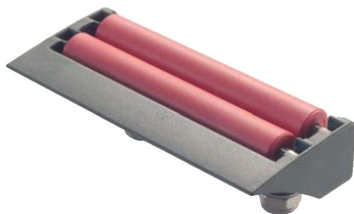
### 2 roller module



**2 roller module**  
Multiple rollers in low noise material (acetal resin)

**8042286**

### 2 roller module



**2 roller module**  
Single plastic roller in low noise material (acetal resin)

**8042287**

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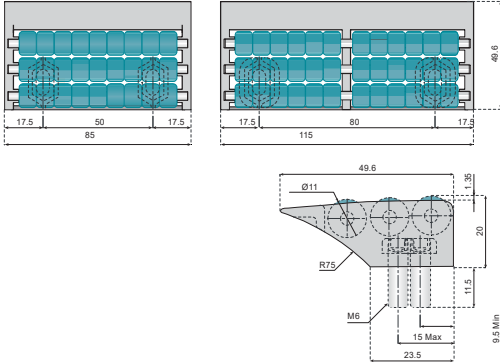
IDX

## 3 roller module

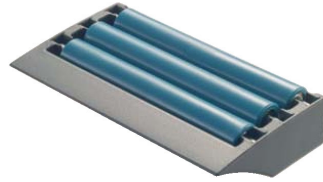
The **3 roller** version of bridging module is available in four options. There are two width options on the module and they are available in either 85 mm or 115 mm.

*Note.* Remember to order **the mounting kit** for securing the roller bridge to the conveyor.

### 3 roller module



### 3 roller module



#### 3 roller module

Single plastic roller (acetal resin), with ball bearing on shaft in

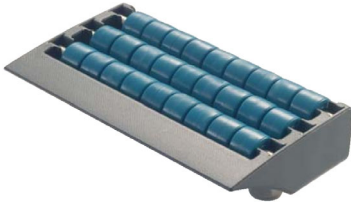
Width 85 mm

Width 115 mm

**8042292**

**8042296**

### 3 roller module



#### 3 roller module

Multiple rollers in low noise material (acetal resin)

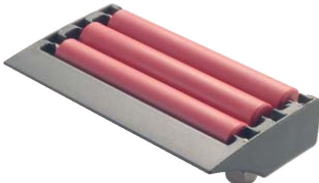
Width 85 mm

Width 115 mm

**8042290**

**8042294**

### 3 roller module



#### 3 roller module

Single plastic roller in low noise material (acetal resin)

Width 85mm

Width 115 mm

**8042291**

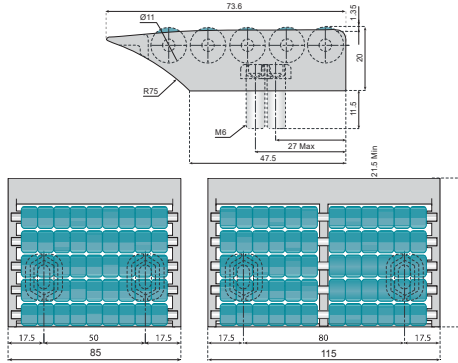
**8042295**

# 5 roller module

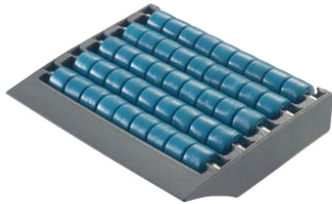
The 5 roller version of bridging module is available in four options. There are two width options on the module and they are available in either 85 mm or 115 mm.

*Note.* Remember to order **the mounting kit** for securing the roller bridge to the conveyor.

## 5 roller module



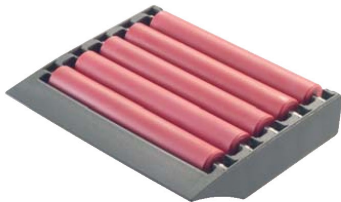
## 5 roller module



5 roller module  
Multiple rollers in low noise material (acetal resin)  
Width 85 mm  
Width 115 mm

**8042298**  
**8042302**

## 5 roller module



5 roller module  
Single plastic roller in low noise material (acetal resin)  
Width 85 mm  
Width 115 mm

**8042299**  
**8042303**

## 5 roller module



5 roller module  
Single plastic roller (acetal resin), with ball bearing on shaft  
Width 85 mm  
Width 115 mm

**8042300**  
**8042304**



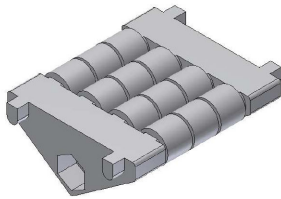
## XS roller module

---

The XS roller version of bridging module is available with multiple rollers only.

*Note.* Remember to order **the mounting kit** for securing the roller bridge to the conveyor.

### XS roller module



#### XS roller module

Multiple rollers in low noise material (acetal resin)

Width 45mm

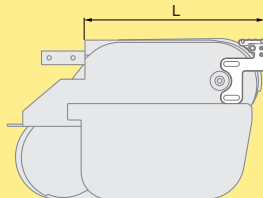
**8042313**

# Roller bridge configurations

## Bridge mounting kits, XS

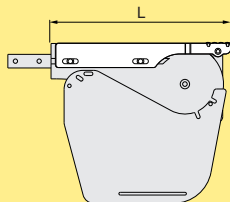
### Drive unit – machine

#### XSEB HL/HR – machine



XSEB HL/HR – machine  
L = 333 mm **8042251**  
Mounting kits and bridge options **8042313**

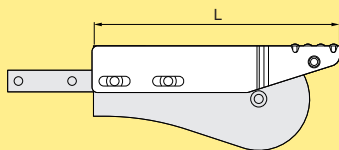
#### XSEB HLP/HRP – machine



XSEB HLP/HRP – machine  
L = 333 mm **8042252**  
Mounting kits and bridge options **8042313**

### Idler unit – machine

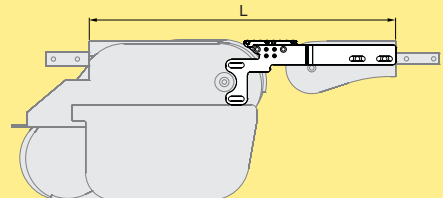
#### XSEJ 200 – machine



XSEJ 200 – machine  
L = 230 mm **8042253**  
Mounting kits and bridge options **8042313**

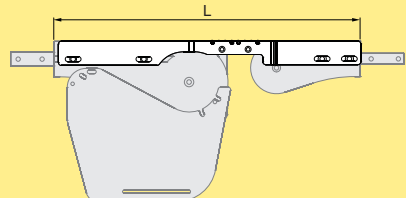
### Drive unit – idler unit

#### XSEB HL/HR – XSEJ 200



XSEB HL/HR – XSEJ 200  
L = 563 mm **8042254**  
Mounting kits and bridge options  
(2 pcs required) **8042313**

#### XSEB HLP / HRP – XSEJ 200



XSEB HLP / HRP – XSEJ 200  
L = 563 mm **8042255**  
Mounting kits and bridge options  
(2 pcs required) **8042313**

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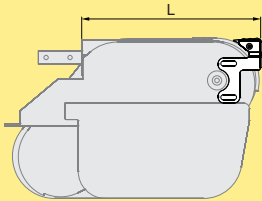
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## Bridge mounting kits, XL

### Drive unit – machine

#### XLEB HL/HR – machine



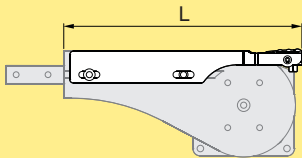
XLEB HL/HR – machine  
L = 326 mm

**8042256**

#### Mounting kits and bridge options:

Multiple rollers in low noise material	<b>8042290</b>
Single plastic roller in low noise material	<b>8042291</b>
Single plastic roller, ball bearing	<b>8042292</b>

#### XLEB HLP/HRP – machine



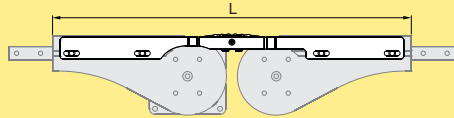
XLEB HLP/HRP – machine  
L = 326 mm

**8042257**

#### Mounting kits and bridge options:

Multiple rollers in low noise material	<b>8042290</b>
Single plastic roller in low noise material	<b>8042291</b>
Single plastic roller, ball bearing	<b>8042292</b>

#### XLEB HLP/HRP – XLEJ 320



XLEB HLP/HRP – XLEJ 320  
L = 655 mm

**8042263**

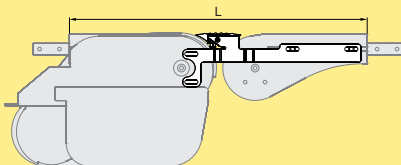
#### Mounting kits and bridge options:

Multiple rollers in low noise material	<b>8042290*</b>
Single plastic roller in low noise material	<b>8042291*</b>
Single plastic roller, ball bearing	<b>8042292*</b>

*\*Note! 2 pcs required*

### Drive unit – idler unit

#### XLEB HL/HR – XLEJ 320



XLEB HL/HR – XLEJ 320  
L = 655 mm

**8042262**

#### Mounting kits and bridge options:

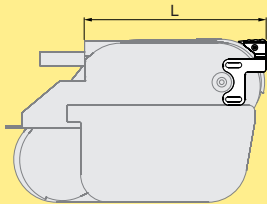
Multiple rollers in low noise material	<b>8042290*</b>
Single plastic roller in low noise material	<b>8042291*</b>
Single plastic roller, ball bearing	<b>8042292*</b>

*\*Note! 2 pcs required*

# Bridge mounting kits, X65

## Drive unit – machine

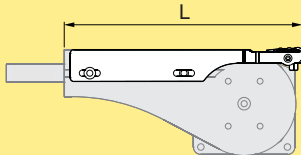
### XLEB A65HL/HR – machine



XLEB A65HL/HR – machine  
L = 326 mm **8042256**

**Mounting kits and bridge options:**  
Multiple rollers in low noise material **8042290**  
Single plastic roller in low noise material **8042291**  
Single plastic roller, ball bearing **8042292**

### XLEB A65 HLP/HRP – machine

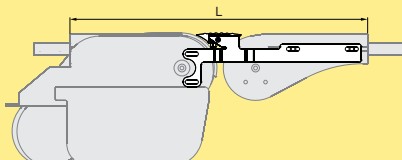


XLEB A65HLP/HRP – machine  
L = 326 mm **8042257**

**Mounting kits and bridge options:**  
Multiple rollers in low noise material **8042290**  
Single plastic roller in low noise material **8042291**  
Single plastic roller, ball bearing **8042292**

## Drive unit – idler unit

### XLEB A65HL/HR – XLEJ A65



XLEB A65HL/HR – XLEJ A65  
L = 655 mm **8042262**

**Mounting kits and bridge options:**  
Multiple rollers in low noise material **8042290\***  
Single plastic roller in low noise material **8042291\***  
Single plastic roller, ball bearing **8042292\***

*\*Note! 2 pcs required*

### XLEB A65HLP/HRP – XLEJ A65

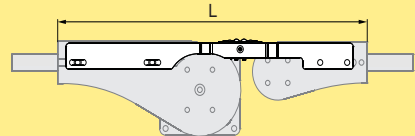


XLEB A65HLP/HRP – XLEJ A65  
L = 655 mm **8042263**

**Mounting kits and bridge options:**  
Multiple rollers in low noise material **8042290\***  
Single plastic roller in low noise material **8042291\***  
Single plastic roller, ball bearing **8042292\***

*\*Note! 2 pcs required*

### XLEB A65HLP/HRP – XLEJ A65 S



XLEB A65HLP/HRP – XLEJ A65 S  
L = 534 mm **8042265**

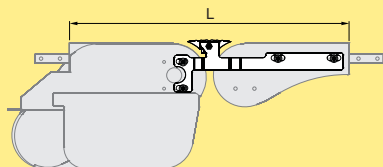
**Mounting kits and bridge options:**  
Multiple rollers in low noise material **8042286\***  
Single plastic roller in low noise material **8042287\***  
Single plastic roller, ball bearing **8042288\***

*\*Note! 2 pcs required*

## BBridge mounting kits, X85

### Drive unit – idler unit

#### XBEB 0A85 HL/HR – XBEJ A85



XBEB 0A85 HL/HR – XBEJ A85

L = 650 mm

**8044532**

#### Mounting kits and bridge options:

Multiple rollers in low noise material

**8042290\***

Single plastic roller in low noise material

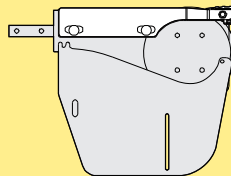
**8042291\***

Single plastic roller, ball bearing

**8042292\***

*\*Note! 2 pcs required*

#### XBEB 0A85 HLP/HRP – machine



XBEB 0A85 HLP/HRP – machine

L = 324 mm

**8044489**

#### Mounting kits and bridge options:

Multiple rollers in low noise material

**8042290**

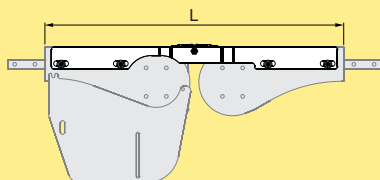
Single plastic roller in low noise material

**8042291**

Single plastic roller, ball bearing

**8042292**

#### XBEB 0A85 HLP/HRP – XBEJ A85



XBEB 0A85 HLP/HRP – XBEJ A85

L = 650 mm

**8044534**

#### Mounting kits and bridge options:

Multiple rollers in low noise material

**8042290\***

Single plastic roller in low noise material

**8042291\***

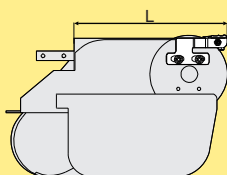
Single plastic roller, ball bearing

**8042292\***

*\*Note! 2 pcs required*

### Drive unit – machine

#### XBEB 0A85 HL/HR – machine



XBEB 0A85 HL/HR – machine

L = 324 mm

**8044488**

#### Mounting kits and bridge options:

Multiple rollers in low noise material

**8042290**

Single plastic roller in low noise material

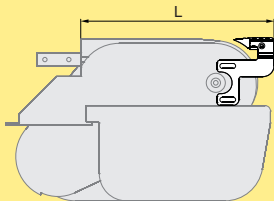
**8042291**

Single plastic roller, ball bearing

**8042292**

**Drive unit – machine**

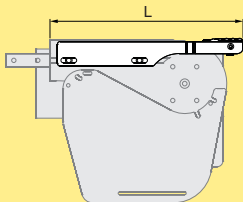
**XHEB HL/HR – machine**



XHEB HL/HR – machine  
L = 352 mm

**8042270**  
**Mounting kits and bridge options:**  
Multiple rollers in low noise material **8042302**  
Single plastic roller in low noise material **8042303**  
Single plastic roller, ball bearing **8042304**

**XHEB HLP/HRP – machine**

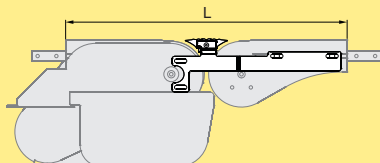


XHEB HLP/HRP – machine  
L = 352 mm

**8042271**  
**Mounting kits and bridge options:**  
Multiple rollers in low noise material **8042302**  
Single plastic roller in low noise material **8042303**  
Single plastic roller, ball bearing **8042304**

**Drive unit – idler unit**

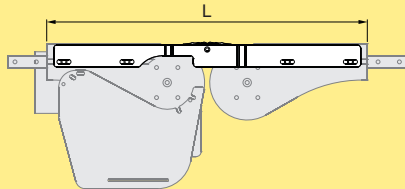
**XHEB HL/HR – XHEJ 325**



XHEB HL/HR – XHEJ 325  
L = 668 mm

**8042274**  
**Mounting kits and bridge options:**  
Multiple rollers in low noise material **8042294\***  
Single plastic roller in low noise material **8042295\***  
Single plastic roller, ball bearing **8042296\***  
*\*Note! 2 pcs required*

**XHEB HLP/HRP – XHEJ 325**



XHEB HLP/HRP – XHEJ 325  
L = 668 mm

**8042275**  
**Mounting kits and bridge options:**  
Multiple rollers in low noise material **8042294\***  
Single plastic roller in low noise material **8042295\***  
Single plastic roller, ball bearing **8042296\***  
*\*Note! 2 pcs required*

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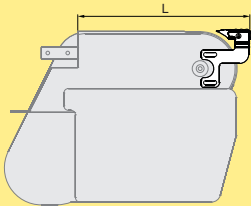
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## Bridge mounting kits, XK

### Drive unit – machine

#### XKEB HL/HR – machine



XKEB HL/HR – machine  
L = 376 mm

**8042277**

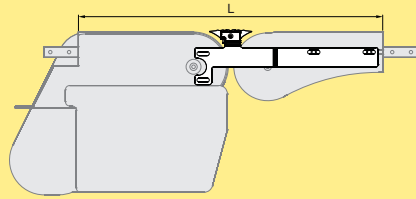
#### Mounting kits and bridge options:

Multiple rollers in low noise material  
Single plastic roller in low noise material  
Single plastic roller, ball bearing

**8042302**  
**8042303**  
**8042304**

### Drive unit – idler unit

#### XKEB HL/HR – XKEJ 350



XKEB HL/HR – XKEJ 350  
L = 722 mm

**8042280**

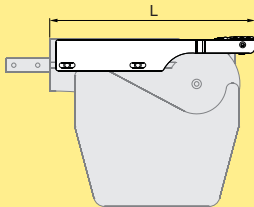
#### Mounting kits and bridge options:

Multiple rollers in low noise material  
Single plastic roller in low noise material  
Single plastic roller, ball bearing

**8042294\***  
**8042295\***  
**8042296\***

*\*Note! 2 pcs required*

#### XKEB LP/RP – machine



XKEB LP/RP – machine  
L = 376 mm

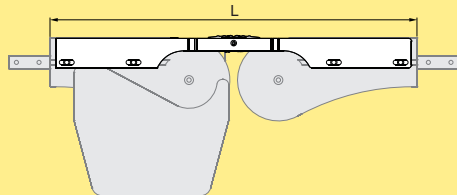
**8042278**

#### Mounting kits and bridge options:

Multiple rollers in low noise material  
Single plastic roller in low noise material  
Single plastic roller, ball bearing

**8042302**  
**8042303**  
**8042304**

#### XKEB LP/RP – XKEJ 350



XKEB LP/RP – XKEJ 350  
L = 722 mm

**8042281**

#### Mounting kits and bridge options:

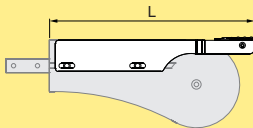
Multiple rollers in low noise material  
Single plastic roller in low noise material  
Single plastic roller, ball bearing

**8042294\***  
**8042295\***  
**8042296\***

*\*Note! 2 pcs required*

### Idler unit – machine

#### XKEJ 350 – machine



XKEJ 350 – machine  
L = 376 mm

**8042279**

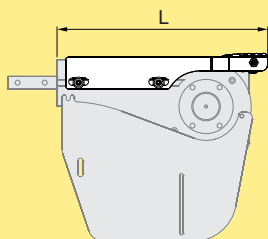
#### Mounting kits and bridge options:

Multiple rollers in low noise material  
Single plastic roller in low noise material  
Single plastic roller, ball bearing

**8042302**  
**8042303**  
**8042304**

## Drive unit – machine

### XBEB A180 HLP/HRP – machine



XBEB A180 HLP/HRP – machine  
L = 342 mm

**8044474**

#### Mounting kits and bridge options:

Multiple rollers in low noise material

**8042298\***

Single plastic roller in low noise material

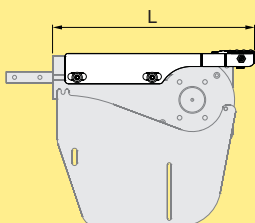
**8042299\***

Single plastic roller, ball bearing

**8042300\***

*\*Note! 2 pcs required*

### XBEB A300 HLP/HRP – machine



XBEB A300 HLP/HRP – machine  
L = 342 mm

**8044475**

#### Mounting kits and bridge options:

Multiple rollers in low noise material

**8042298+**

**8042302\***

Single plastic roller in low noise material

**8042299+**

**8042303\***

Single plastic roller, ball bearing

**8042300+**

**8042304\***

*\*Note! 2 pcs required*

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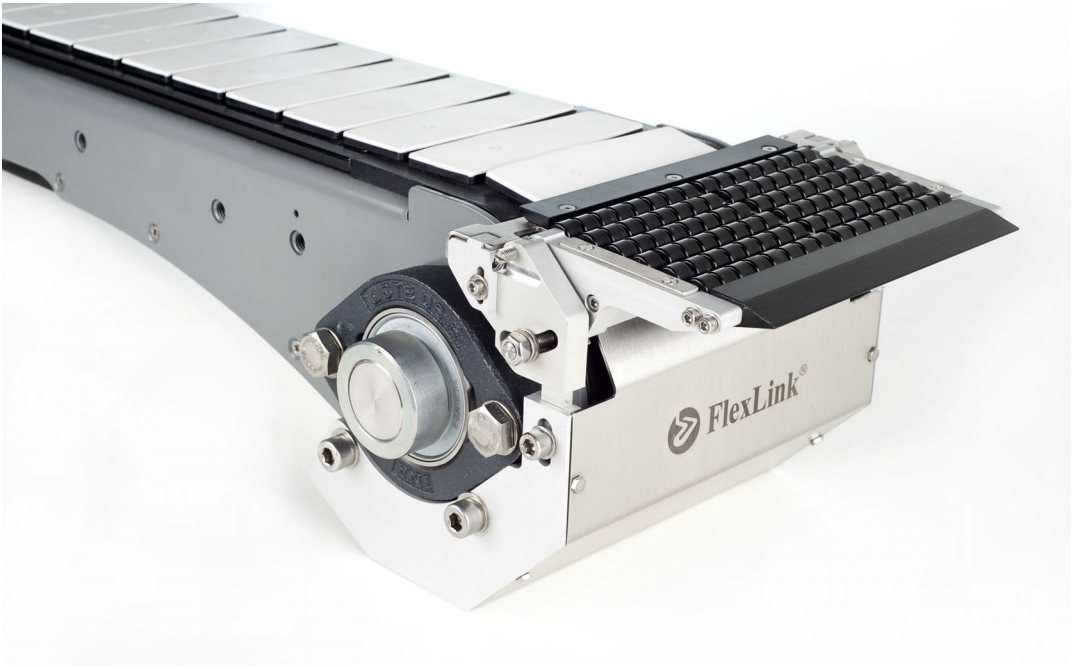
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*The Transfer unit is designed to provide assistance in transferring product onto or off a standard Spiral Elevator.*

**The System has a modular design and that allows adjustment in both height and angle in order to accept products from both infeed and outfeed conveyors.**

**The transfer unit can also be positioned such that it can be inclined or declined to a maximum angle of +/- 20 degrees in order to feed product onto a receiving system or conveyor without the need for a driven transfer.**

**The transfer unit can be positioned at either the tail end or drive end of the elevator.**

### Standard features

- **Safe** - Sprung loaded design allows 'pop out' functionality in the event of product or personnel jam
- **Radial infeed & outfeed edge**-allows close integration to drive and idler unit for smoother product transfer.
- **Modular Design** - quick & easy interchange ability with ease of both assembly, setting and installation.
- **Low Friction transfer** - The rollers are supplied in a low friction material to allow an efficient and effective product transfer.

# Technical specification:

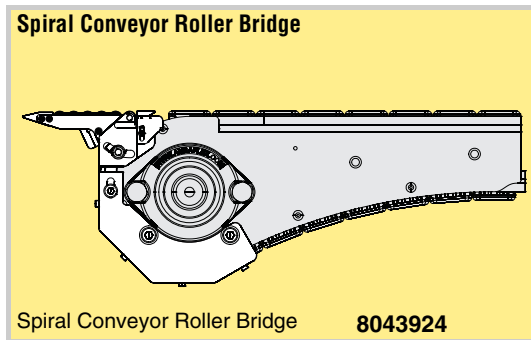
## Spiral Elevator compatibility:

The Transfer unit is compatible with the drive and tail end of Spiral Elevator 5995512 (Standard) and 5995958 (Fast track)

The transfer unit offers angular adjustment to suit varying transfer heights.

Vertical height adjustment is available to ensure positive product transfer.

The maximum angular adjustment is +/- 20°



### NOTE!

The fixed guard is positioned to prevent accidental operator entanglement in the spiral chain. Due to the open nature of this chain it is recommended that if at any point the pop out transfer is not in position in the transfer unit the conveyor chain is immediately stopped.

It is recommended that the transfer area is covered by a tunnel guard upon line integration to ensure a safe design.

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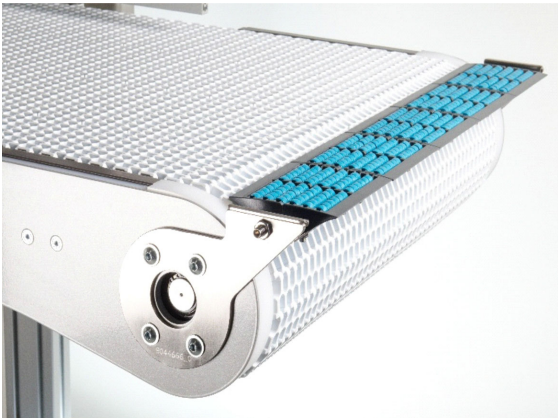
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# WL Roller Bridges for Product Transfer



*The Roller Bridge System provides a very flexible way of assisting in the transfer of products on WL FlexLink conveyors in a production line.*

The system is available in two different roller options with a range of mounting kits to suit a wide range of different applications and products, in either

The system design is modular and consists of different mounting kits to suit different combinations of Drive unit & idler unit configuration.

There are three main configurations of the bridge available:

**Configuration one** - transfer the products between Drive unit & Idler unit - including a bracing plate between Drive unit & Idler unit to maintain rigidity of the conveyor transfer. Configuration two is supplied for the transfer of products from a FlexLink conveyor at a machine interface position.

**Configuration two** - supplied for the transfer of Products going from the FlexLink WL conveyor onto a machine interface.

**Configuration three** - supplied for the transfer of Products onto the FlexLink WL conveyor from a machine interface.

**NOTE!**

**Maximum** product weight for Multiple Roller version: 5kg

**Maximum** product weight for Single Roller version: 30kg

### Standard features

- **Safe** – Multiple roller version features “pop out” functionality in the event of a product or personnel jam
- **Radial infeed edge** – allowing closer integration to Drive & Idler unit for smoother product transfer
- **Modular design** - quick & easy interchangeability with ease of assembly & installation
- **Low friction** – low noise design.
- **Transfer Options** - multiple of single roller transfer module

### Materials

Support bracket.....	Stainless steel
Multiple Roller frame .....	Acetal resin
Pins, washers and bolts .....	Stainless steel grade 304
Single Roller.....	Steel Zinc Plate
Retaining Chain .....	Stainless steel

### Ordering information

Multiple Roller version - these bridges are available to order as standard in two parts. The first part to order is the mounting for the required configuration and the second parts is the roller module required in each configuration.

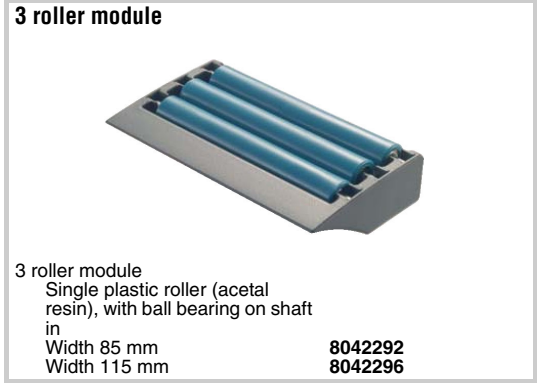
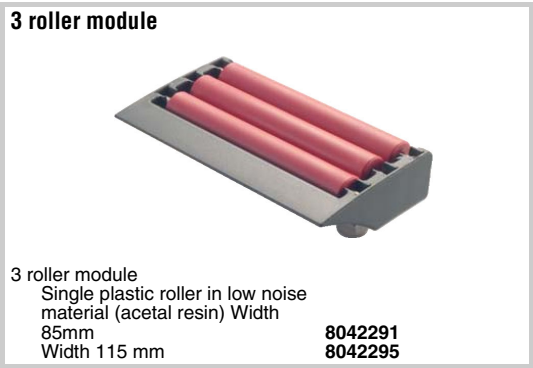
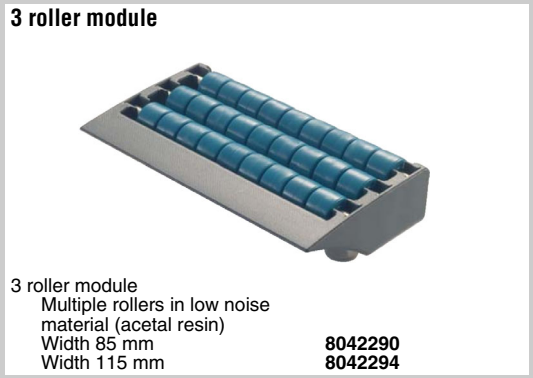
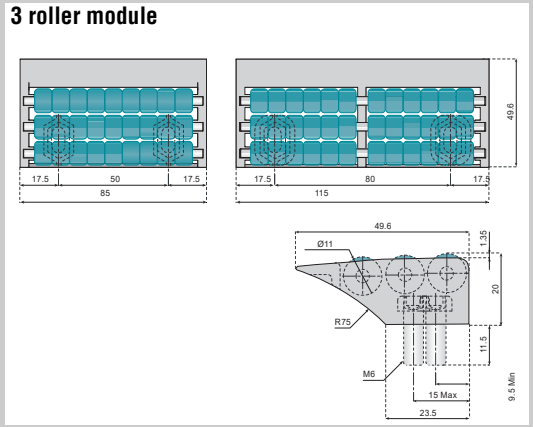
Single Roller Version - these Bridges are available as a complete kit including mounting kit & Roller

# WL Roller bridge modules

## 3 roller module

The **3 roller** version of bridging module is available in four options. There are two width options on the module and they are available in either 85 mm or 115 mm.

*Note.* Remember to order **the mounting kit** for securing the roller bridge to the conveyor.

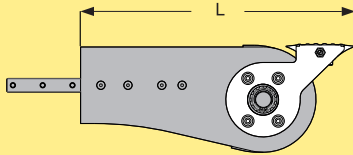


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## Roller Bridge kits - Multiple Roller version

### WLEB 0A322NLP/NRP - Machine

#### Machine - WLEJ 300A322



WLEB 0A322NLP/NRP - Machine  
Machine - WLEJ 300A322

**8044609**

#### Bridge options:

Multiple rollers in low noise material

**4x8042290+**

**2x8042294**

Single plastic roller in low noise material

**4x8042291+**

**2x8042295**

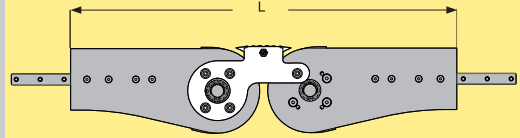
Single plastic roller, ball bearing

**4x8042292+**

**2x8042296**

L= 402 mm

### WLEB 0A424NLP/NRP - WLEJ 300A424



WLEB 0A424NLP/NRP - WLEJ 300A424 **8044612**

#### Bridge options:

Multiple rollers in low noise material

**4x8042290+**

**2x8042294**

Single plastic roller in low noise material

**4x8042291+**

**2x8042295**

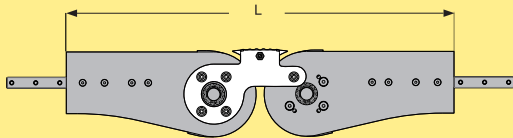
Single plastic roller, ball bearing

**4x8042292+**

**2x8042296**

L= 708 mm

### WLEB 0A322NLP/NRP - WLEJ 300A322



WLEB 0A322NLP/NRP - WLEJ  
300A322

**8044610**

#### Bridge options:

Multiple rollers in low noise material

**4x8042290+**

**2x8042294**

Single plastic roller in low noise material

**4x8042291+**

**2x8042295**

Single plastic roller, ball bearing

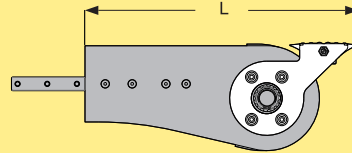
**4x8042292+**

**2x8042296**

L= 708 mm

### WLEB 0A626NLP/NRP - Machine

#### Machine - WLEJ 300A626



WLEB 0A626NLP/NRP - Machine

**8044613**

Machine - WLEJ 300A626

#### Bridge options:

Multiple rollers in low noise material

**10x8042294**

Single plastic roller in low noise material

**10x8042295**

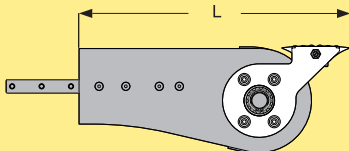
Single plastic roller, ball bearing

**10x8042296**

L= 402

### WLEB 0A424 - Machine

#### Machine - WLEJ 300A424



WLEB 0A424 - Machine

**8044611**

Machine - WLEJ 300A424

#### Bridge options:

Multiple rollers in low noise material

**4x8042290+**

**4x8042294**

Single plastic roller in low noise material

**4x8042291+**

**4x8042295**

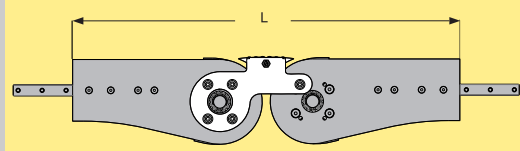
Single plastic roller, ball bearing

**4x8042292+**

**4x8042296**

L= 402 mm

### WLEB 0A626 - WLEJ 300A626



WLEB 0A626 - WLEJ 300A626

**8044614**

#### Bridge options:

Multiple rollers in low noise material

**10x8042294**

Single plastic roller in low noise material

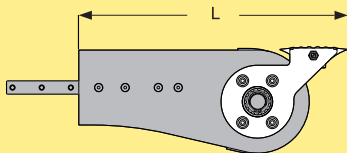
**10x8042295**

Single plastic roller, ball bearing

**10x8042296**

L= 708 mm

### WLEB 0A322LP/RP - Machine



#### WLEB 0A322LP/RP - Machine

**8044615**

##### Bridge options:

Multiple rollers in low noise material

**4x8042290+**

**2x8042294**

Single plastic roller in low noise material

**4x8042291+**

**2x8042295**

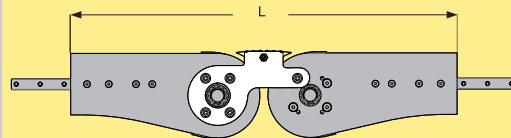
Single plastic roller, ball bearing

**4x8042292+**

**2x8042296**

L= 402 mm

### WLEB 0A424LP/RP - WLEJ 300A424



#### WLEB 0A424LP/RP - WLEJ 300A424

**8044618**

##### Bridge options:

Multiple rollers in low noise material

**4x8042290+**

**4x8042294**

Single plastic roller in low noise material

**4x8042291+**

**4x8042295**

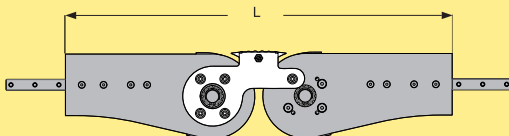
Single plastic roller, ball bearing

**4x8042292+**

**4x8042296**

L= 708 mm

### WLEB 0A322LP/RP - WLEJ 300A322



#### WLEB 0A322LP/RP - WLEJ 300A322

**8044616**

##### Bridge options:

Multiple rollers in low noise material

**4x8042290+**

**2x8042294**

Single plastic roller in low noise material

**4x8042291+**

**2x8042295**

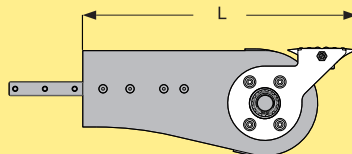
Single plastic roller, ball bearing

**4x8042292+**

**2x8042296**

L= 708 mm

### WLEB 0A626LP/RP - Machine



#### WLEB 0A626LP/RP - Machine

**8044619**

##### Bridge options:

Multiple rollers in low noise material

**10x8042294**

Single plastic roller in low noise material

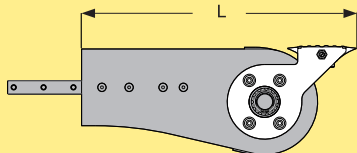
**10x8042295**

Single plastic roller, ball bearing

**10x8042296**

L= 402 mm

### WLEB 0A424LP/RP - Machine



#### WLEB 0A322LP/RP - Machine

**8044617**

##### Bridge options:

Multiple rollers in low noise material

**4x8042290+**

**4x8042294**

Single plastic roller in low noise material

**4x8042291+**

**4x8042295**

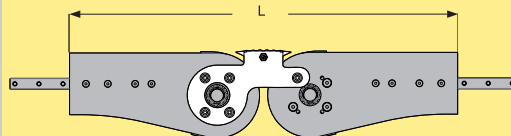
Single plastic roller, ball bearing

**4x8042292+**

**4x8042296**

L= 402 mm

### WLEB 0A626LP/RP - WLEJ 300A626



#### WLEB 0A626LP/RP - WLEJ 300A626

**8044620**

##### Bridge options:

Multiple rollers in low noise material

**10x8042294**

Single plastic roller in low noise material

**10x8042295**

Single plastic roller, ball bearing

**10x8042296**

L= 708 mm

PO

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MA

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PC

PD

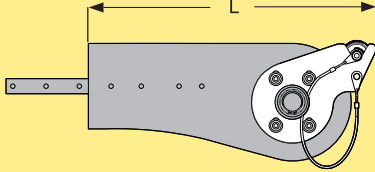
PM

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# Roller Bridge kits - Single Roller version

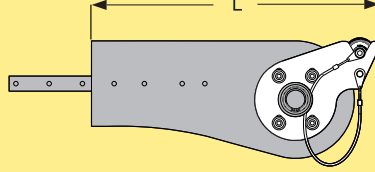
**Note - the Mounting kit for the single roller version of transfer includes the roller as part of the kit**

**WLEB 0A322NLP/NRP - Machine**  
**Machine - WLEJ 300A322**



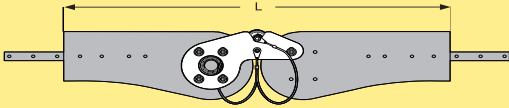
WLEB 0A322NLP/NRP - Machine **8044640**  
 Machine - WLEJ 300A322  
 L= 380 mm

**WLEB 0A626NLP/NRP - Machine**  
**Machine - WLEJ 300A626**



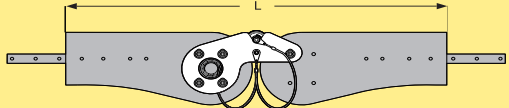
WLEB 0A626NLP/NRP - Machine **8044644**  
 Machine - WLEJ 300A626  
 L= 380 mm

**WLEB 0A322NLP/NRP - WLEJ 300A322**



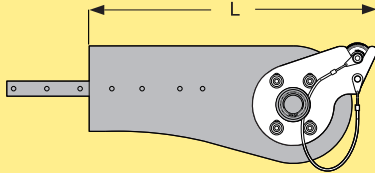
WLEB 0A322NLP/NRP - WLEJ 300A322 **8044641**  
 L= 710 mm

**WLEB 0A626NLP/NRP - WLEJ 300A626**



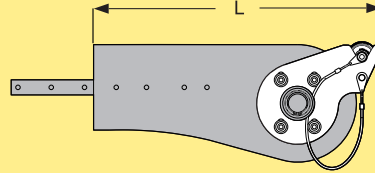
WLEB 0A626NLP/NRP - WLEJ 300A626 **8044645**  
 L= 710 mm

**WLEB 0A424NLP/NRP - Machine**  
**Machine - WLEJ 300A424**



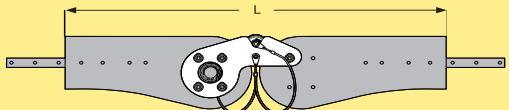
WLEB 0A424NLP/NRP - Machine **8044642**  
 Machine - WLEJ 300A424  
 L= 380 mm

**WLEB 0A322LP/RP - Machine**  
**Machine - WLEJ 300A322**



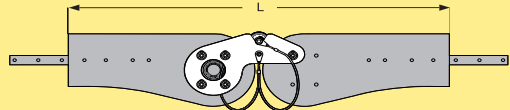
WLEB 0A322LP/RP - Machine **8044646**  
 Machine - WLEJ 300A322  
 L= 380 mm

**WLEB 0A424NLP/NRP - WLEJ 300A424**



WLEB 0A424NLP/NRP - WLEJ 300A424 **8044643**  
 L= 710 mm

**WLEB 0A322LP/RP - WLEJ 300A322**

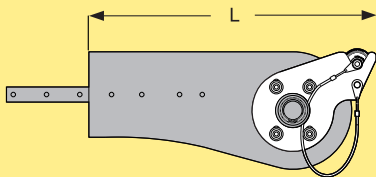


WLEB 0A322LP/RP - WLEJ 300A322 **8044647**  
 L= 710 mm



### WLEB 0A424LP/RP - Machine

Machine - WLEJ 300A424



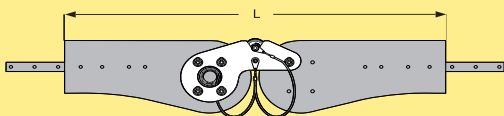
WLEB 0A424LP/RP - Machine

**8044648**

Machine - WLEJ 300A424

L= 380 mm

### WLEB 0A424LP/RP - WLEJ 300A424



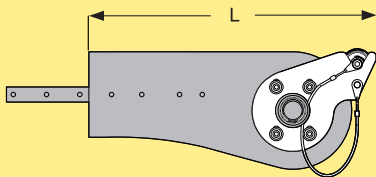
WLEB 0A424LP/RP - WLEJ 300A424

**8044649**

L= 710 mm

### WLEB 0A626LP/RP - Machine

Machine - WLEJ 300A626



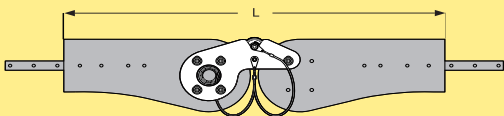
WLEB 0A626LP/RP - Machine

**8044650**

Machine - WLEJ 300A626

L= 380 mm

### WLEB 0A626LP/RP - WLEJ 300A626



WLEB 0A626LP/RP - WLEJ 300A626

**8044651**

L= 710 mm

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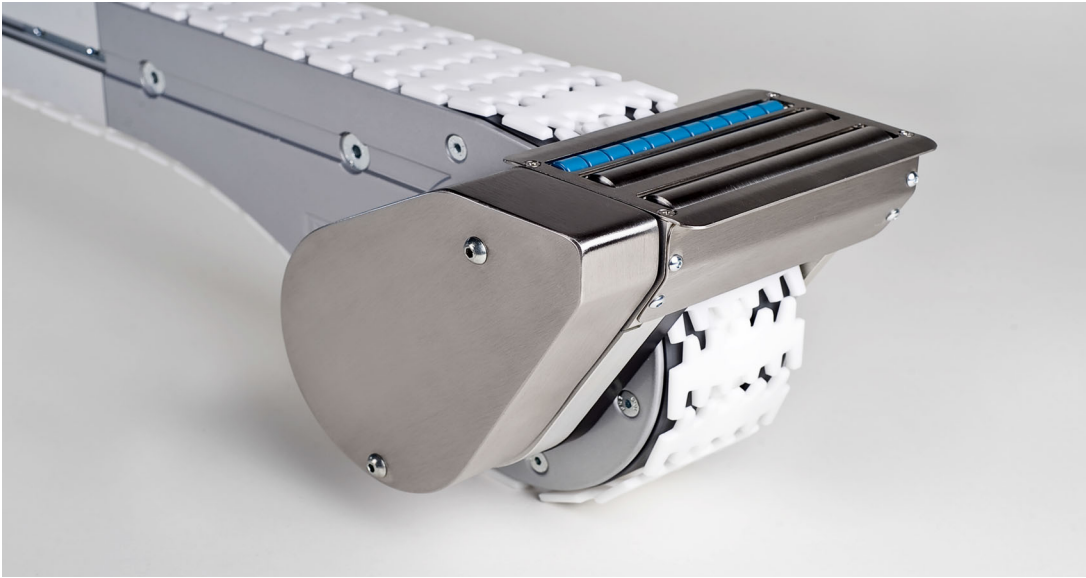
PD

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IDX

# Driven conveyor transfer

## Positive drive of products across conveyor transfers



***FlexLink offers a range of inline pre-built driven conveyor transfers for the drive of products when feeding between conveyor drive and idler, conveyor drive and machine, and idler unit and machine.***

The design allows positive transfer of products, ensuring there are no products stalling across conveyor transfers.

The unit is available in three different standard configurations and with two standard options – either belt or driven roller. It is supplied as a complete module that can be integrated into any line, new or existing.

### **NOTE!**

**It is recommended that the transfer is fully guarded on line integration to ensure a safe design.**

### **NOTE!**

Chain type A or K are **not** compatible with the transfers!

### **Standard features**

- **Robust** – designed to operate within a production line without reducing the stability of the conveyor system
- **Clean** – clean design with minimal dust ingress or dirt build up areas.
- **Modular design** – allows quick changeover in event of routine maintenance or breakdown.
- **Simple installation** – mount to conveyor using standard Drip Tray system XS

# Technical specification

The conveyor transfers are compatible with the following conveyor systems: XL, X65, X85, XH, XK, X180 and X300.

## Drive options

The positive drive is given by two means:

- Option 1: driven belt on the transfer
- Option 2: driven roller design

*Note! All units are supplied without SEW motor gearbox*

## Operating parameters

Max. conveyor speed.....	60 m/min
Max. product weight	
XL, X65, X85.....	1,5 kg
XH, XK, X180, X300 .....	3 kg

## Operating environment

Temperature .....	10–35 °C
Relative humidity .....	60%

Not suitable for explosive environment or direct food contact.

# Configurations

## Configuration 1



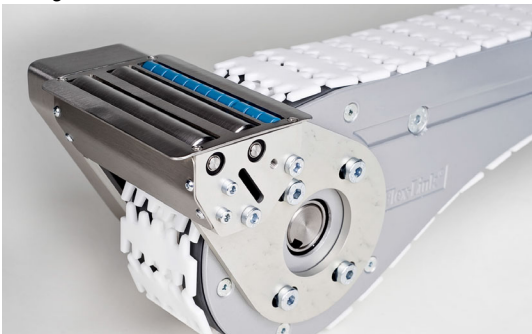
A driven transfer from drive unit with a machine interface.

## Configuration 3



A driven transfer from drive unit to idler inline.

## Configuration 2



A driven transfer onto an idler from a machine interface.

PO

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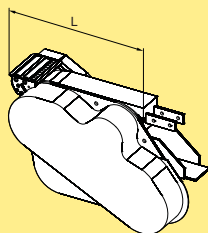
IDX

# Driven roller configurations

## Driven rollers, XL

### Drive unit – machine

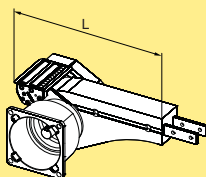
#### XLEB HL/HR – Machine



XLEB HL – Machine  
XLEB HR – Machine  
 $L = 354 \text{ mm}$

**8043382**  
**8044301**

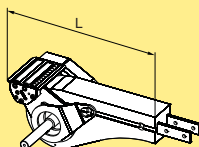
#### XLEB HLP/HRP – Machine



XLEB HLP – Machine  
XLEB HRP – Machine  
 $L = 354 \text{ mm}$

**8043383**  
**8044302**

#### XLEB HNLP/HNRP – Machine

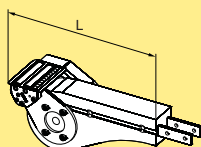


XLEB HNLP – Machine  
XLEB /HNRP – Machine  
 $L = 354 \text{ mm}$

**8043721**  
**8044303**

### Idler unit – machine

#### XLEJ 320 – Machine

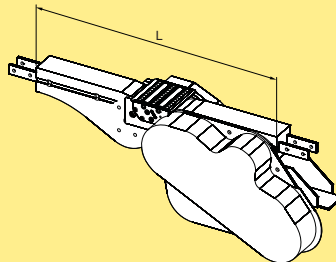


XLEJ 320 – Machine  
 $L = 354 \text{ mm}$

**8043384**

### Drive unit – idler unit

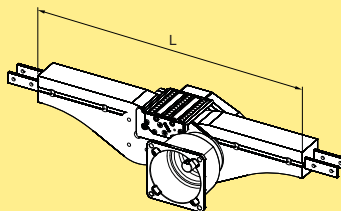
#### XLEB HL/HR – XLEJ 320



XLEB HL – XLEJ 320  
XLEB HR – XLEJ 320  
 $L = 656 \text{ mm}$

**8043385**  
**8044304**

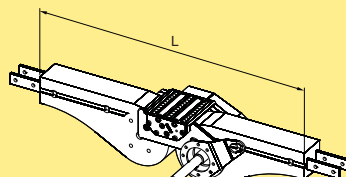
#### XLEB HLP/HRP – XLEJ 320



XLEB HLP – XLEJ 320  
XLEB HRP – XLEJ 320  
 $L = 656 \text{ mm}$

**8043386**  
**8044305**

#### XLEB HNLP/HNRP – XLEJ 320



XLEB HNLP – XLEJ 320  
XLEB HNRP – XLEJ 320  
 $L = 656 \text{ mm}$

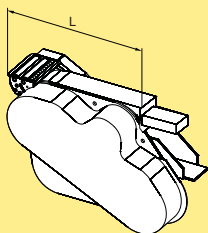
**8043387**  
**8044306**

# Driven roller configurations

## Driven rollers, X65

### Drive unit – machine

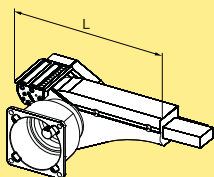
#### XLEB A65HL/HR – Machine



XLEB A65HL – Machine  
XLEB A65HR – Machine  
*L = 354 mm*

**8044080**  
**8044081**

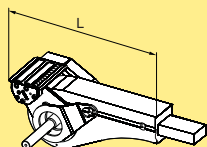
#### XLEB A65HLP/HRP – Machine



XLEB A65HLP – Machine  
XLEB A65HRP – Machine  
*L = 354 mm*

**8044078**  
**8044079**

#### XLEB A65HNLP/HNRP – Machine

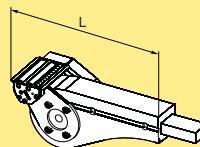


XLEB A65HNLP – Machine  
XLEB A65HNRP – Machine  
*L = 354 mm*

**8044076**  
**8044077**

### Idler unit – machine

#### XLEJ A65 – Machine

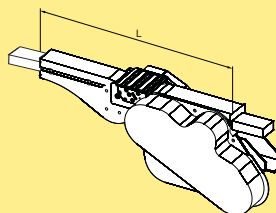


XLEJ A65 – Machine  
*L = 354 mm*

**8044075**

### Drive unit – idler unit

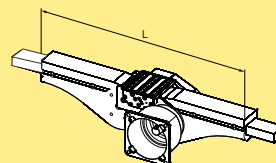
#### XLEB A65HL/HR – XLEJ A65



XLEB A65HL – XLEJ A65  
XLEB A65HR – XLEJ A65  
*L = 656 mm*

**8044082**  
**8044083**

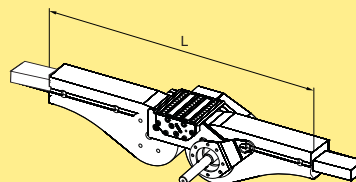
#### XLEB A65HLP/HRP – XLEJ A65



XLEB A65HLP – XLEJ A65  
XLEB A65HRP – XLEJ A65  
*L = 656 mm*

**8044084**  
**8044085**

#### XLEB A65HNLP/HNRP – XLEJ A65



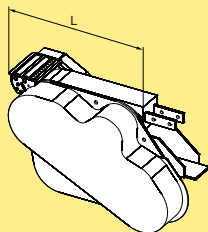
XLEB A65HNLP – XLEJ A65  
XLEB A65HNRP – XLEJ A65  
*L = 656 mm*

**8044086**  
**8044087**

## Driven rollers, X85

### Drive unit – machine

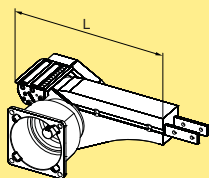
#### XBEB A85 HL/HR – Machine



XBEB A85 HL – Machine  
XBEB A85 HR – Machine  
 $L = 354 \text{ mm}$

**8043388**  
**8044307**

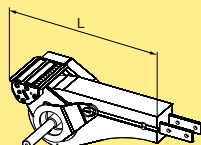
#### XBEB A85 HLP/HRP – Machine



XBEB A85 HLP – Machine  
XBEB A85 HRP – Machine  
 $L = 354 \text{ mm}$

**8043389**  
**8044308**

#### XBEB A85 HNLP/HNRP – Machine

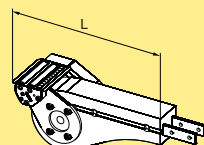


XBEB A85 HNLP – Machine  
XBEB A85 HNRP – Machine  
 $L = 354 \text{ mm}$

**8043390**  
**8044309**

### Idler unit – machine

#### XBEJ A85 – Machine

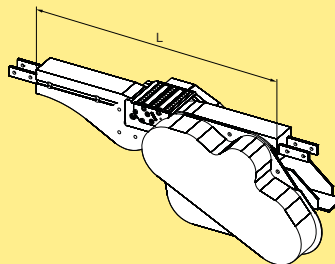


XBEJ A85 – Machine  
 $L = 354 \text{ mm}$

**8043391**

### Drive unit – idler unit

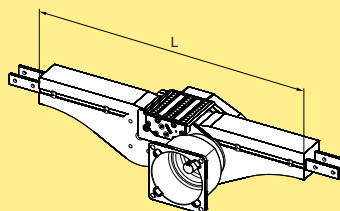
#### XBEB A85 HL/HR – XBEJ A85



XBEB A85 HL – XBEJ A85  
XBEB A85 HR – XBEJ A85  
 $L = 656 \text{ mm}$

**8043392**  
**8044310**

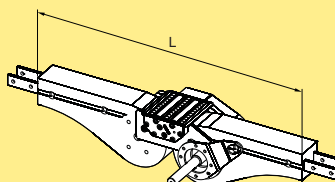
#### XBEB A85 HLP/HRP – XBEJ A85



XBEB A85 HLP – XBEJ A85  
XBEB A85 HRP – XBEJ A85  
 $L = 656 \text{ mm}$

**8043393**  
**8044311**

#### XBEB A85 HNLP/HNRP – XBEJ A85

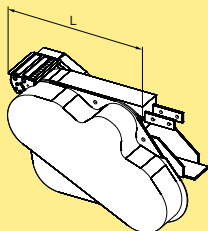


XBEB A85 HNLP – XBEJ A85  
XBEB A85 HNRP – XBEJ A85  
 $L = 656 \text{ mm}$

**8043394**  
**8044312**

## Drive unit – machine

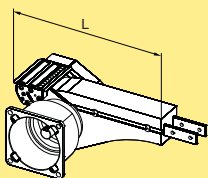
### XHEB HL/HR – Machine



XHEB HL – Machine  
XHEB HR – Machine  
*L = 354 mm*

**8043395**  
**8044313**

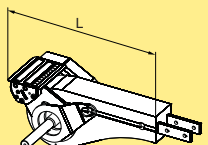
### XHEB HLP/HRP – Machine



XHEB HLP – Machine  
XHEB HRP – Machine  
*L = 354 mm*

**8043396**  
**8044314**

### XHEB HNLP/HNRP – Machine

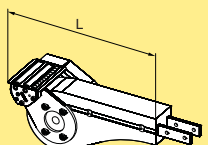


XHEB HNLP – Machine  
XHEB HNRP – Machine  
*L = 354 mm*

**8043397**  
**8044315**

## Idler unit – machine

### XHEJ 325 – Machine

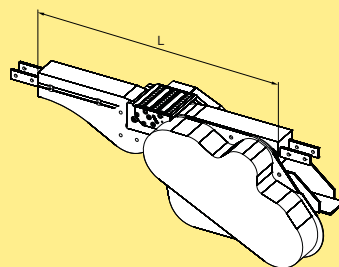


XHEJ 325 – Machine  
*L = 354 mm*

**8043398**

## Drive unit – idler unit

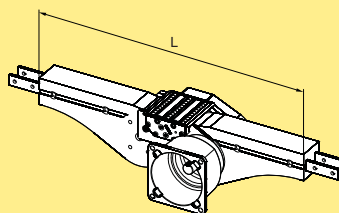
### XHEB HL/HR – XHEJ 325



XHEB HL – XHEJ 325  
XHEB HR – XHEJ 325  
*L = 656 mm*

**8043399**  
**8044316**

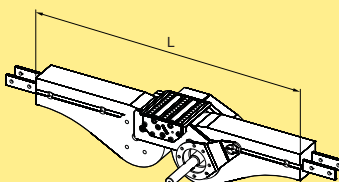
### XHEB HLP/HRP – XHEJ 325



XHEB HLP – XHEJ 325  
XHEB HRP – XHEJ 325  
*L = 656 mm*

**8043400**  
**8044317**

### XHEB HNLP/HNRP – XHEJ 325



XHEB HNLP – XHEJ 325  
XHEB HNRP – XHEJ 325  
*L = 656 mm*

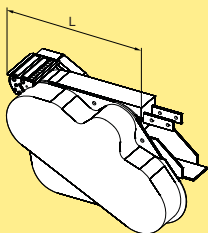
**8043401**  
**8044318**



## Driven rollers, XK

### Drive unit – machine

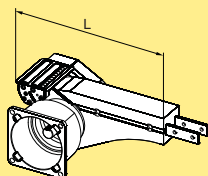
#### XKEB HL/HR – Machine



XKEB HL – Machine  
XKEB HR – Machine  
 $L = 354 \text{ mm}$

**8043402**  
**8044319**

#### XKEB LP/RP – Machine

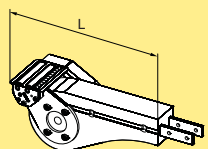


XKEB LP – Machine  
XKEB RP – Machine  
 $L = 354 \text{ mm}$

**8043403**  
**8044320**

### Idler unit – machine

#### XKEJ 350 – Machine

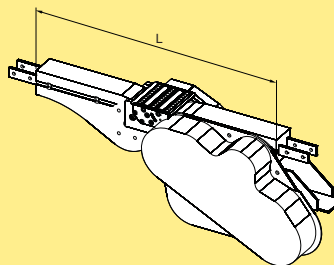


XKEJ 350 – Machine  
 $L = 354 \text{ mm}$

**8043404**

### Drive unit – idler unit

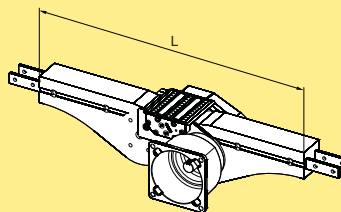
#### XKEB HL/HR – XKEJ 350



XKEB HL – XKEJ 350  
XKEB HR – XKEJ 350  
 $L = 656 \text{ mm}$

**8043405**  
**8044321**

#### XKEB LP/RP – XKEJ 350



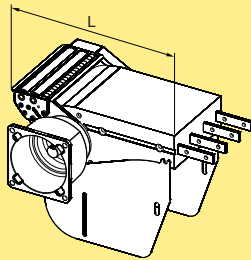
XKEB LP – XKEJ 350  
XKEB RP – XKEJ 350  
 $L = 656 \text{ mm}$

**8043406**  
**8044322**

# Driven rollers, X180

## Drive unit – machine

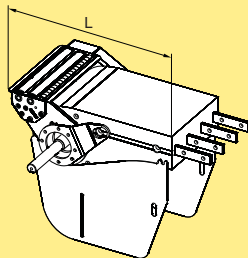
### XBEB A180HLP/HRP – Machine



XBEB A180HLP – Machine  
XBEB A180HRP – Machine  
*L = 366 mm*

**8043950**  
**8044323**

### XBEB A180HNLP/HNRP – Machine

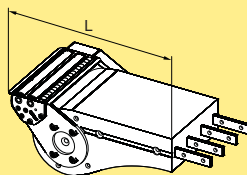


XBEB A180HNLP – Machine  
XBEB A180HNRP – Machine  
*L = 366 mm*

**8043407**  
**8044324**

## Idler unit – machine

### XBEJ A180 – Machine

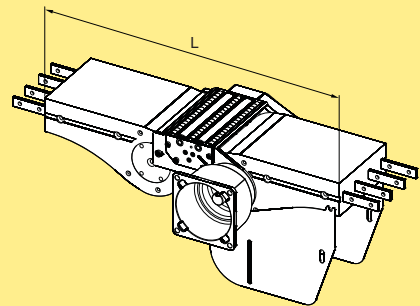


XBEJ A180 – Machine  
*L = 366 mm*

**8043411**

## Drive unit – idler unit

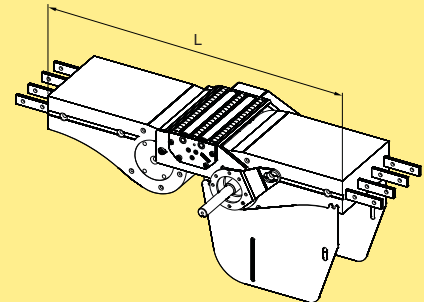
### XBEB A180HLP/HRP – XBEJ A180



XBEB A180HLP – XBEJ A180  
XBEB A180HRP – XBEJ A180  
*L = 670 mm*

**8043952**  
**8044327**

### XBEB A180HNLP/HNRP – XBEJ A180



XBEB A180HNLP – XBEJ A180  
XBEB A180HNRP – XBEJ A180  
*L = 670 mm*

**8043409**  
**8044328**

PO

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PGS

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DTS

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MA

MDS

PC

PD

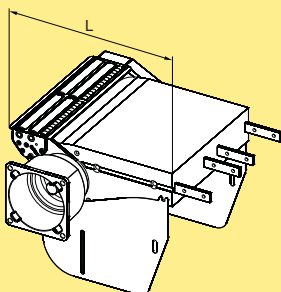
PM

IDX

## Driven rollers, X300

### Drive unit – machine

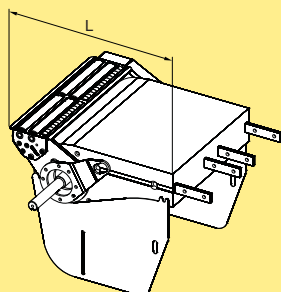
#### XBEB A300HLP/HRP – Machine



XBEB A300HLP – Machine  
XBEB A300HRP – Machine  
*L = 366 mm*

**8043951**  
**8044325**

#### XBEB A300HNLP/HNRP – Machine

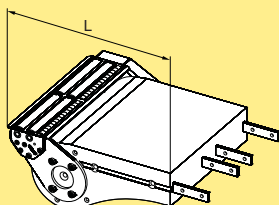


XBEB A300HNLP – Machine  
XBEB A300HNRP – Machine  
*L = 366 mm*

**8043408**  
**8044326**

### Idler unit – machine

#### XBEJ A300 – Machine

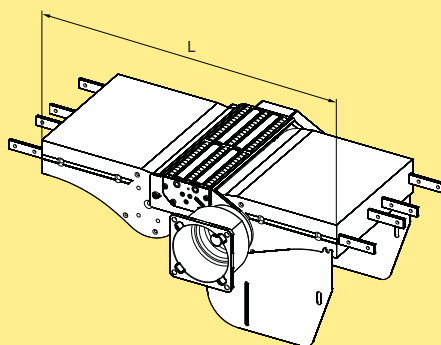


XBEJ A300 – Machine  
*L = 366 mm*

**8043412**

### Drive unit – idler unit

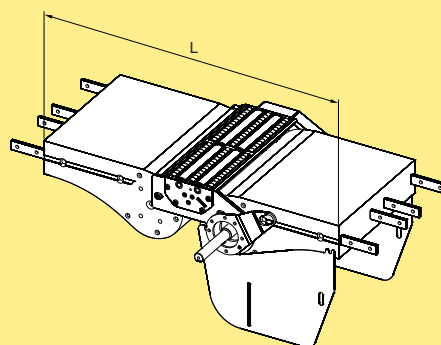
#### XBEB A300HLP/HRP – XBEJ A300



XBEB A300HLP – XBEJ A300  
XBEB A300HRP – XBEJ A300  
*L = 670 mm*

**8043953**  
**8044329**

#### XBEB A300HNLP/HNRP – XBEJ A300



XBEB A300HNLP – XBEJ A300  
XBEB A300HNRP – XBEJ A300  
*L = 670 mm*

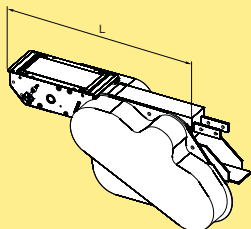
**8043410**  
**8044330**

# Driven belt

## Driven belt, XL

### Drive unit – machine

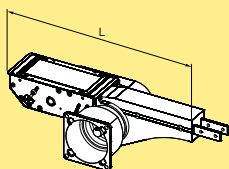
#### XLEB HL/HR – Machine



XLEB HL – Machine  
XLEB HR – Machine  
 $L = 544 \text{ mm}$

**8043690**  
**8044331**

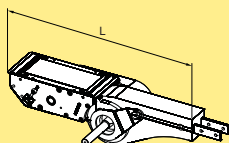
#### XLEB HLP/HRP – Machine



XLEB HLP – Machine  
XLEB HRP – Machine  
 $L = 544 \text{ mm}$

**8043691**  
**8044332**

#### XLEB HNLP/HNRP – Machine

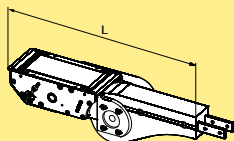


XLEB HNLP – Machine  
XLEB HNRP – Machine  
 $L = 544 \text{ mm}$

**8043722**  
**8044333**

### Idler unit – machine

#### XLEJ 320 – Machine

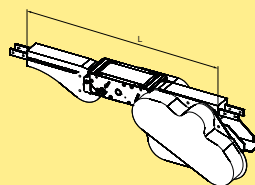


XLEJ 320 – Machine  
 $L = 544 \text{ mm}$

**8043692**

### Drive unit – idler unit

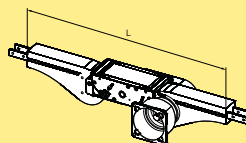
#### XLEB HL/HR – XLEJ 320



XLEB HL – XLEJ 320  
XLEB HR – XLEJ 320  
 $L = 818 \text{ mm}$

**8043693**  
**8044334**

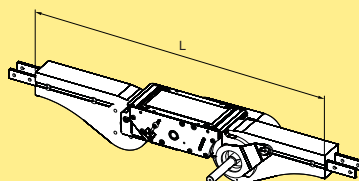
#### XLEB HLP/HRP – XLEJ 320



XLEB HLP – XLEJ 320  
XLEB HRP – XLEJ 320  
 $L = 818 \text{ mm}$

**8043694**  
**8044335**

#### XLEB HNLP/HNRP – XLEJ 320



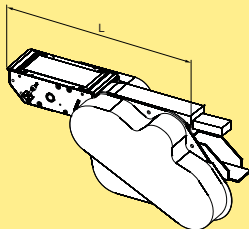
XLEB HNLP – XLEJ 320  
XLEB HNRP – XLEJ 320  
 $L = 818 \text{ mm}$

**8043695**  
**8044336**

## Driven belt, X65

### Drive unit – machine

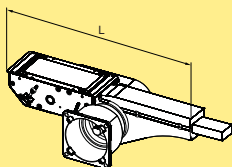
#### XLEB A65HL/HR – Machine



XLEB A65HL – Machine  
XLEB A65HR – Machine  
 $L = 544 \text{ mm}$

**8044096**  
**8044097**

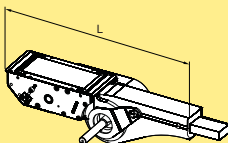
#### XLEB A65HLP/HRP – Machine



XLEB A65HLP – Machine  
XLEB A65HRP – Machine  
 $L = 544 \text{ mm}$

**8044094**  
**8044095**

#### XLEB A65HNLP/HNRP – Machine

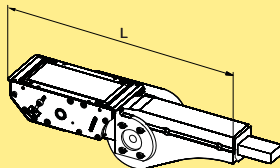


XLEB A65HNLP – Machine  
XLEB A65HNRP – Machine  
 $L = 544 \text{ mm}$

**8044092**  
**8044093**

### Idler unit – machine

#### XLEJ A65 – Machine

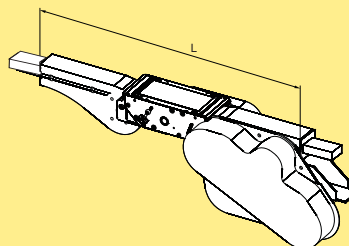


XLEJ A65 – Machine  
 $L = 544 \text{ mm}$

**8044090**

### Drive unit – idler unit

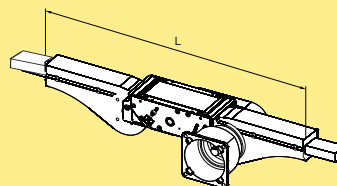
#### XLEB A65HL/HR – XLEJ A65



XLEB A65HL – XLEJ A65  
XLEB A65HR – XLEJ A65  
 $L = 818 \text{ mm}$

**8044098**  
**8044099**

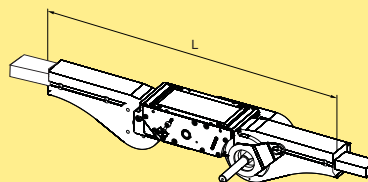
#### XLEB A65HLP/HRP – XLEJ A65



XLEB A65HLP – XLEJ A65  
XLEB A65HRP – XLEJ A65  
 $L = 818 \text{ mm}$

**8044100**  
**8044101**

#### XLEB A65HNLP/HNRP – XLEJ A65



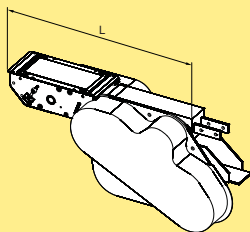
XLEB A65HNLP – XLEJ A65  
XLEB A65HNRP – XLEJ A65  
 $L = 818 \text{ mm}$

**8044102**  
**8044103**

# Driven belt, X85

## Drive unit – machine

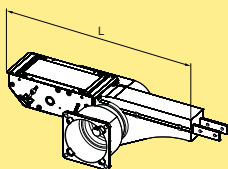
### XBEB A85 HL/HR – Machine



XBEB A85 HL – Machine  
XBEB A85 HR – Machine  
 $L = 544 \text{ mm}$

**8043696**  
**8044337**

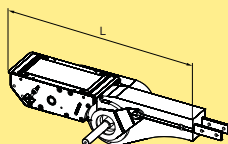
### XBEB A85 HLP/HRP – Machine



XBEB A85 HLP – Machine  
XBEB A85 HRP – Machine  
 $L = 544 \text{ mm}$

**8043697**  
**8044338**

### XBEB A85 HNLP/HNRP – Machine

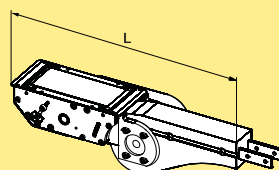


XBEB A85 HNLP – Machine  
XBEB A85 HNRP – Machine  
 $L = 544 \text{ mm}$

**8043698**  
**8044339**

## Idler unit – machine

### XBEJ A85 – Machine

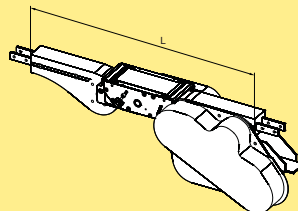


XBEJ A85 – Machine  
 $L = 544 \text{ mm}$

**8043699**

## Drive unit – idler unit

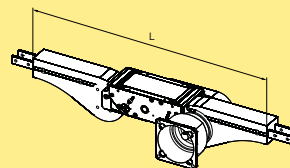
### XBEB A85 HL/HR – XBEJ A85



XBEB A85 HL – XBEJ A85  
XBEB A85 HR – XBEJ A85  
 $L = 818 \text{ mm}$

**8043700**  
**8044340**

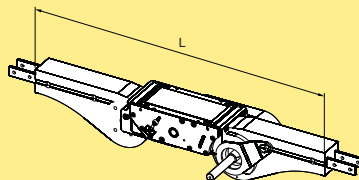
### XBEB A85 HLP/HRP – XBEJ A85



XBEB A85 HLP – XBEJ A85  
XBEB A85 HRP – XBEJ A85  
 $L = 818 \text{ mm}$

**8043701**  
**8044341**

### XBEB A85 HNLP/HNRP – XBEJ A85



XBEB A85 HNLP – XBEJ A85  
XBEB A85 HNRP – XBEJ A85  
 $L = 818 \text{ mm}$

**8043702**  
**8044342**

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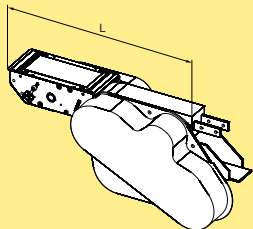
PM

IDX

## Driven belt, XH

### Drive unit – machine

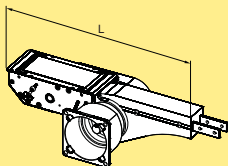
#### XHEB HL/HR – Machine



XHEB HL – Machine  
XHEB HR – Machine  
 $L = 544 \text{ mm}$

**8043703**  
**8044343**

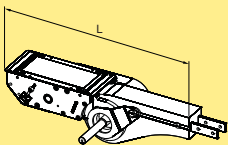
#### XHEB HLP/HRP – Machine



XHEB HLP – Machine  
XHEB HRP – Machine  
 $L = 544 \text{ mm}$

**8043704**  
**8044344**

#### XHEB HNLP/HNRP – Machine

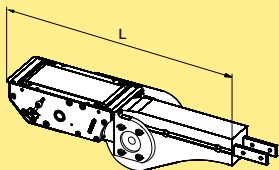


XHEB HNLP – Machine  
XHEB HNRP – Machine  
 $L = 544 \text{ mm}$

**8043705**  
**8044345**

### Idler unit – machine

#### XHEJ 325 – Machine

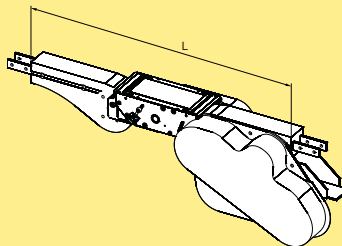


XHEJ 325 – Machine  
 $L = 544 \text{ mm}$

**8043706**

### Drive unit – idler unit

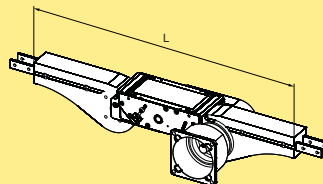
#### XHEB HL/HR – XHEJ 325



XHEB HL – XHEJ 325  
XHEB HR – XHEJ 325  
 $L = 818 \text{ mm}$

**8043707**  
**8044346**

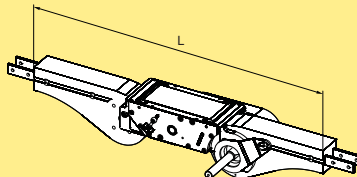
#### XHEB HLP/HRP – XHEJ 325



XHEB HLP – XHEJ 325  
XHEB HRP – XHEJ 325  
 $L = 818 \text{ mm}$

**8043708**  
**8044347**

#### XHEB HNLP/HNRP – XHEJ 325



XHEB HNLP – XHEJ 325  
XHEB HNRP – XHEJ 325  
 $L = 818 \text{ mm}$

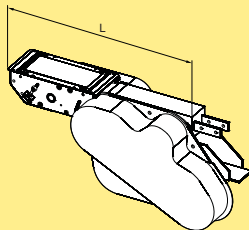
**8043709**  
**8044348**



# Driven belt, XK

## Drive unit – machine

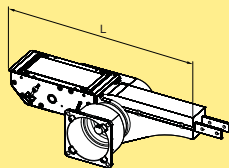
### XKEB HL/HR – Machine



XKEB HL – Machine  
XKEB HR – Machine  
*L = 544 mm*

**8043710**  
**8044349**

### XKEB LP/RP – Machine

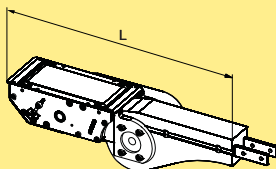


XKEB LP – Machine  
XKEB RP – Machine  
*L = 544 mm*

**8043711**  
**8044350**

## Idler unit – machine

### XKEJ 350 – Machine

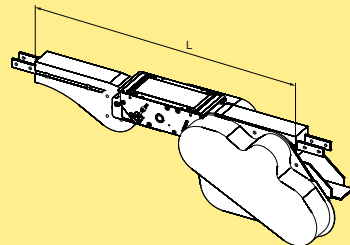


XKEJ 350 – Machine  
*L = 544 mm*

**8043712**

## Drive unit – idler unit

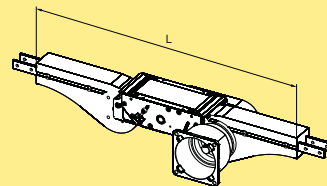
### XKEB HL/HR – XKEJ 350



XKEB HL – XKEJ 350  
XKEB HR – XKEJ 350  
*L = 818 mm*

**8043713**  
**8044351**

### XKEB LP/RP – XKEJ 350



XKEB LP – XKEJ 350  
XKEB RP – XKEJ 350  
*L = 818 mm*

**8043714**  
**8044352**

PO

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PGS

CAS

DTS

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MDS

PC

PD

PM

IDX

## Replacement Roller transfer modules

### Replacement Roller transfer modules, XL

Replacement roller transfer module,  
left-hand transmission

For configurations 8043382,8043383, **8043415**  
8043384, 8043721

For configurations 8043385,8043386, **8043900**  
8043387

Replacement roller transfer module,  
right-hand transmission

For configurations 8044301,8044302, **8044353**  
8044303

For configurations 8044304,8044305, **8044354**  
8044306

### Replacement Roller transfer modules, X65

Replacement roller transfer module,  
left-hand transmission

For configurations 8044080, 8044078, **8043415**  
8044076, 8044075

For configurations 8044082, 8044084, **8043900**  
8044086

Replacement roller transfer module,  
right-hand transmission

For configurations 8044081, 8044079, **8044353**  
8044077

For configurations 8044083, 8044085, **8044354**  
8044087

### Replacement Roller transfer modules, X85

Replacement roller transfer module,  
left-hand transmission

For configurations 8043388, 8043389, **8043415**  
8043390, 8043391

For configurations 8043392, 8043393, **8043900**  
8043394

Replacement roller transfer module,  
right-hand transmission

For configurations 8044307, 8044308, **8044353**  
8044309

For configurations 8044310, 8044311, **8044354**  
8044312

### Replacement Roller transfer modules, XH

Replacement roller transfer module,  
left-hand transmission

For configurations 8043295, 8043396, **8043430**  
8043397, 8043398

For configurations 8043399, 8043400, **8043427**  
8043401

Replacement roller transfer module,  
right-hand transmission

For configurations 8044313, 8044314, **8044355**  
8044315

For configurations 8044316, 8044317, **8044356**  
8044318

### Replacement Roller transfer modules, XK

Replacement roller transfer module,  
left-hand transmission

For configurations 8043402, 8043403, **8043430**  
8043404

For configurations 8043405, 8043406 **8043427**

Replacement roller transfer module,  
right-hand transmission

For configurations 8044319, 8044320 **8044355**  
For configurations 8044321, 8044322 **8044356**

### Replacement Roller transfer modules, X180

Replacement roller transfer module,  
left-hand transmission

For configurations 8043407, **8043842**  
8043723,, 8043411

For configurations 8043409, 8043725 **8043857**

Replacement roller transfer module,  
right-hand transmission

For configurations 8044323, 8044324 **8044357**  
For configurations 8044327, 8044328 **8044358**

### Replacement Roller transfer modules, X300

Replacement roller transfer module,  
left-hand transmission

For configurations 8043408, 8043724, **8043907**  
8043412

For configurations 8043410, 8043726 **8043879**

Replacement roller transfer module,  
right-hand transmission

For configurations 8044325, 8044326, **8044359**  
For configurations 8044329, 8044330 **8044360**

### Replacement Belt transfer modules, XL and X85

Replacement belt transfer module

For configurations 8043690, 8043691, **8043792**  
8043692, 8043693, 8043694,  
8043695, 8043696, 8043697,  
8043698, 8043699, 8043700,  
8043701, 8043702, 8043722

For configurations 8044331, 8044332, **8044361**  
8044333, 8044334, 8044335,  
8044336, 8044337, 8044338,  
8044339, 8044340, 8044341,  
8044342

### Replacement Belt transfer modules, X65

Replacement belt transfer module

For configurations 8044096, **8043792**  
8044094, 8044092, 8044090,  
8044098, 8044100, 8044102

For configurations 8044097, 8044095, **8044361**  
8044093, 8044099, 8044101,  
8044103

### Replacement Belt transfer modules, XH and XK

Replacement belt transfer module

For configurations 8043703, 8043704, **8043793**  
8043705, 8043706, 8043707,  
8043708, 8043709, 8043710,  
8043711, 8043712, 8043713,  
8043714

For configurations 8044343, 8044344, **8044362**  
8044345, 8044346, 8044347,  
8044348, 8044349, 8044350,  
8044351, 8044352

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*The Driven Roller Bridge System provides a very flexible way of assisting in the transfer of products on WL Flex-Link conveyors in a production line.*

The system design is modular and consists of three Configurations:

**Configuration one** - transfer the products between Drive unit & Idler unit - including a bracing plate between Drive unit & Idler unit to maintain rigidity of the conveyor transfer

**Configuration two** - supplied for the transfer of Products going from the FlexLink WL conveyor onto a machine interface

**Configuration three** - supplied for the transfer of Products onto the FlexLink WL conveyor from a machine interface

## NOTE!

**Maximum** product weight for Single Roller version: 30kg

It is recommended that the Transfer is fully guarded upon line integration to ensure safe operation and reduce the risk of operator entanglement

## Standard features

- **Robust** - Designed to operate as an integral part of the production line without reducing the stability of the conveyor system.
- **Clean** - Clean design with minimal dust or dirt ingress
- **Safe** - integrated guard over Drive mechanism prevent operator entanglement
- **Modular Design** - quick & easy interchangeability with ease of assembly & installation
- **Low Friction** - Low noise Design

## Materials

Roller BZP Steel with PVC Coating

Side Plates - Stainless Steel

Drive Roller - Thermoplastic Rubber Elastomer

## Operating Parameters

Max Conveyor Speed:.....40 m/min

Max Product Weight:.....30kg

## Environment

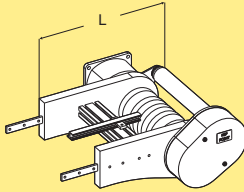
Temperature:.....10-35° C

Relative Humidity:.....60%

# Driven roller configurations

## Driven Roller Bridge - Configuration 1

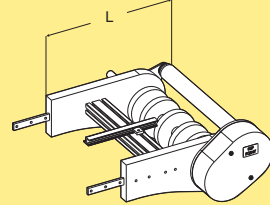
**WLEB 0A322LP - Machine**  
**WLEB 0A322RP - Machine**



WLEB 0A322LP - Machine  
WLEB 0A322RP - Machine  
L= 380 mm

**8044561**  
**8044562**

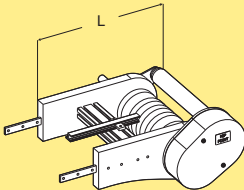
**WLEB 0A424NLP- Machine**  
**WLEB 0A424NRP - Machine**



WLEB 0A424NLP- Machine  
WLEB 0A424NRP - Machine  
L= 380 mm

**8044577**  
**8044578**

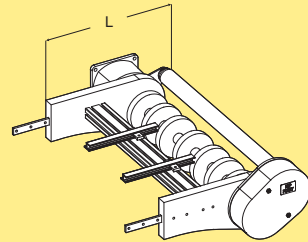
**WLEB 0A322NLP - Machine**  
**WLEB 0A322NRP - Machine**



WLEB 0A322NLP - Machine  
WLEB 0A322NRP - Machine  
L= 380 mm

**8044573**  
**8044574**

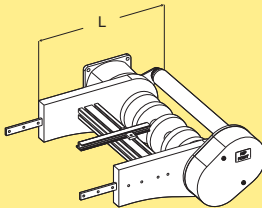
**WLEB 0A626LP- Machine**  
**WLEB 0A626RP - Machine**



WLEB 0A626LP- Machine  
WLEB 0A626RP - Machine  
L= 380 mm

**8044569**  
**8044570**

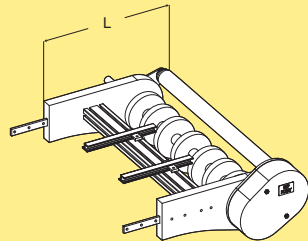
**WLEB 0A424LP- Machine**  
**WLEB 0A424RP - Machine**



WLEB 0A424LP- Machine  
WLEB 0A424RP - Machine  
L= 380 mm

**8044565**  
**8044566**

**WLEB 0A626NLP- Machine**  
**WLEB 0A626NRP - Machine**



WLEB 0A626NLP- Machine  
WLEB 0A626NRP - Machine  
L= 380 mm

**8044581**  
**8044582**

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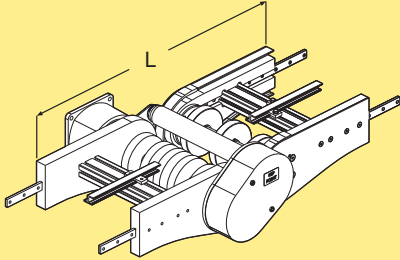
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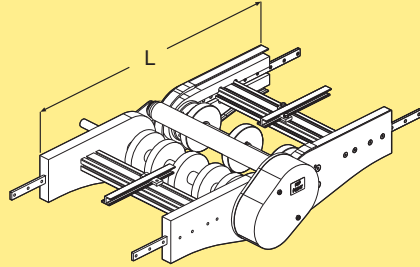
## Driven Roller Bridge - Configuration 2

**WLEB 0A322LP - WLEJ300A322**  
**WLEB 0A322RP - WLEJ300A322**



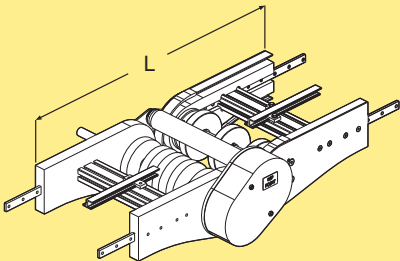
WLEB 0A322LP - WLEJ300A322 **8044563**  
 WLEB 0A322RP - WLEJ300A322 **8044564**  
 L= 716 mm

**WLEB 0A424NLP - WLEJ300A424**  
**WLEB 0A424NRP - WLEJ300A424**



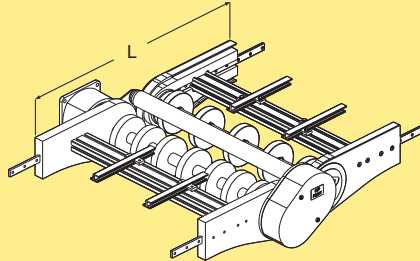
WLEB 0A424NLP - WLEJ300A424 **8044579**  
 WLEB 0A424NRP - WLEJ300A424 **8044580**  
 L= 716 mm

**WLEB 0A322NLP - WLEJ300A322**  
**WLEB 0A322NRP - WLEJ300A322**



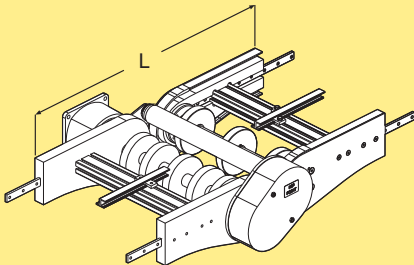
WLEB 0A322NLP - WLEJ300A322 **8044575**  
 WLEB 0A322NRP - WLEJ300A322 **8044576**  
 L= 716 mm

**WLEB 0A626LP - WLEJ300A626**  
**WLEB 0A626RP - WLEJ300A626**



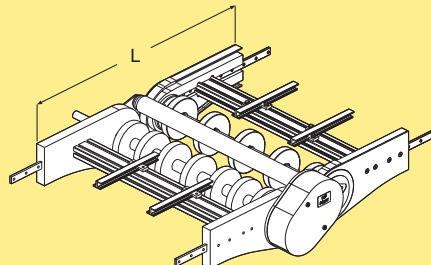
WLEB 0A626LP - WLEJ300A626 **8044571**  
 WLEB 0A626RP - WLEJ300A626 **8044572**  
 L= 716 mm

**WLEB 0A424LP - WLEJ300A424**  
**WLEB 0A424RP - WLEJ300A424**



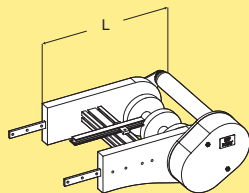
WLEB 0A424LP - WLEJ300A424 **8044567**  
 WLEB 0A424RP - WLEJ300A424 **8044568**  
 L= 716 mm

**WLEB 0A626NLP - WLEJ300A626**  
**WLEB 0A626NRP - WLEJ300A626**



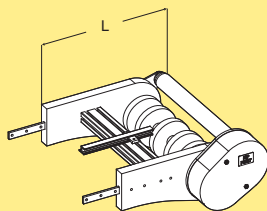
WLEB 0A626NLP - WLEJ300A626 **8044583**  
 WLEB 0A626NRP - WLEJ300A626 **8044584**  
 L= 716 mm

**WLEJ 0A322 (LH) - Machine**  
**WLEJ 0A322 (RH) - Machine**



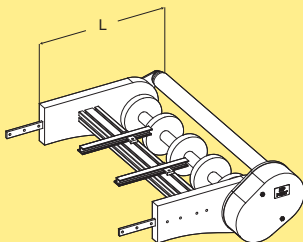
WLEJ 0A322 (LH) - Machine **8044688**  
WLEJ 0A322 (RH) - Machine **8044689**  
L= 380 mm

**WLEB 0A424 (LH)- Machine**  
**WLEB 0A424 (RH) - Machine**



WLEB 0A424 (LH)- Machine **8044690**  
WLEB 0A424 (RH)- Machine **8044691**  
L= 380 mm

**WLEJ 0A626 (LH)- Machine**  
**WLEJ 0A626 (RH)- Machine**



WLEJ 0A626 (LH)- Machine **8044692**  
WLEJ 0A626 (RH)- Machine **8044693**  
L= 380 mm

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### Driven Conveyor transfer for positive drive of products across conveyor transfers



*FlexLink offers a range of inline pre-built driven conveyor transfers for the drive of products when feeding between conveyor drive & idler, Conveyor drive and machine, and idler unit & machine for the X85X, X180X and X300X Conveyors.*

#### **Modular Clean design:**

Clean design with minimal dust ingress or dirt build up areas. The design follows the principles of a clean conveyor with easy of washing and minimal surface contact areas.

The design is modular allowing quick changeover in event of routine maintenance or breakdown.

**Installation:** Simple installation to standard conveyors using standard fittings.

**Safety:** It is recommended that the transfer is fully guarded on line integration to ensure safe design

#### **Standard features**

- **Benefits:** Design allows positive transfer of Products ensuring there are no products stalling across conveyor transfers
- **Compact Design:** The unit is both modular & compact. The unit is supplied as a complete module that can be integrated into any line new or existing.
- **Robust Design:** The system is robust and designed to operate within a production line without reducing the stability of the conveyor system
- **Configured options:** The unit is available in 2 standard options either belt or driven roller. The transfer is available in three different standard configurations.

Technical Specification:

The conveyor transfers are compatible with the X85X, X180X and X300X Conveyor system.

Drive options

The positive drive is given by two means:

- Option 1: driven belt on the transfer
- Option 2: driven roller design

Operating parameters

Max. conveyor speed:.....	60 m/min
Max. product weight:	
X85X .....	1,5 kg
X180X .....	3 kg
X300X .....	3 kg

Operating environment

Temperature .....	-20– +60 °C
Relative humidity .....	10%- 95% RH
Noise level 60 m/min .....	68 d(BA) or less

Configurations

Configuration one

Configuration one is a driven transfer from Drive unit to Idler unit inline

Configuration Two

Configuration two is a driven transfer from Drive unit with a machine interface

Configuration Three

Configuration three is a driven transfer onto an idler unit from a machine interface

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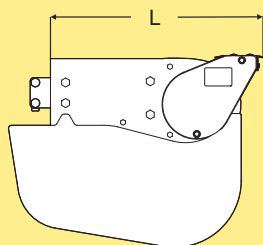
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## X85X Driven Roller Options

### Drive unit – machine

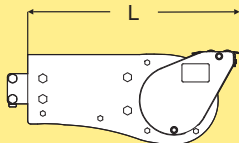
#### XBEBX 0A85HNLP/HNRP – machine



Driven Roller for:  
 XBEBX 0A85HNLP - Machine **8080546**  
 XBEBX 0A85HNRP - Machine **8080547**  
 L= 351 mm

### Idler unit – machine

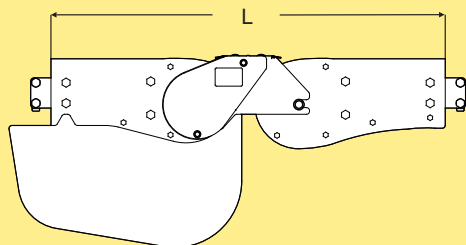
#### XBEJX A85 - Machine



Driven Roller for:  
 XBEJX A85 - Machine **8080548**  
 L= 351 mm

### In- line Transfer

#### XBEBX 0A85HNLP/HNRP – XBEJX A85

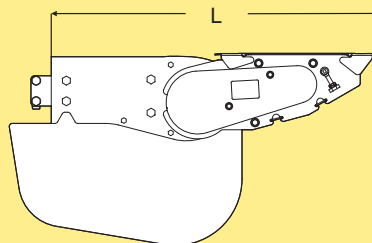


Driven Roller for:  
 XBEBX 0A85HNLP - XBEJX A85 **8080550**  
 XBEBX 0A85HNRP - XBEJX A85 **8080551**  
 L= 652 mm

## X85X Driven Belt Options

### Drive unit – machine

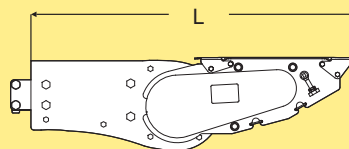
#### XBEBX 0A85HNLP/HNRP – machine



Driven Belt for:  
 XBEBX 0A85HNLP - Machine **8080676**  
 XBEBX 0A85HNRP - Machine **8080677**  
 L= 541 mm

### Idler unit – machine

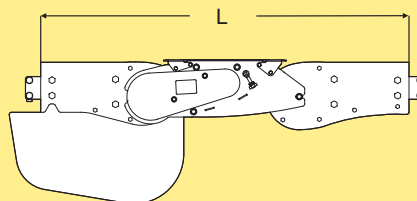
#### XBEJX A85 - Machine



Driven Belt for:  
 XBEJX A85 - Machine **8080678**  
 L= 541 mm

### In- line Transfer

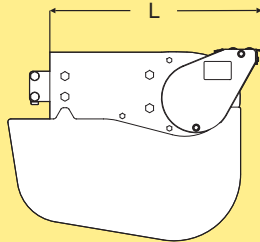
#### XBEBX 0A85HNLP/HNRP – XBEJX A85



Driven Belt for:  
 XBEBX 0A85HNLP - XBEJX A85 **8080680**  
 XBEBX 0A85HNRP - XBEJX A85 **8080681**  
 L= 812 mm

**Drive unit – machine**

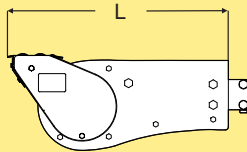
**XBEBX 0A180HNLP/HNRP – machine**



Driven Roller for:  
XBEBX 0A180HNLP - Machine **8080552**  
XBEBX 0A180HNRP - Machine **8080553**  
L= 365 mm

**Idler unit – machine**

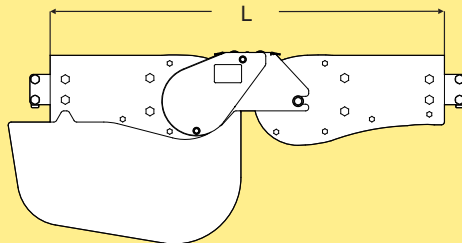
**XBEJX A180 - Machine**



Driven Roller for:  
XBEJX A180 - Machine **8080554**  
L= 365 mm

**In- line Transfer**

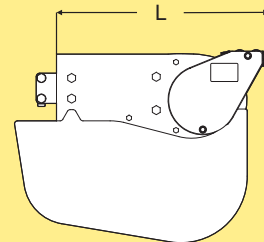
**XBEBX 0A180HNLP/HNRP – XBEJX A180**



Driven Roller for:  
XBEBX 0A180HNLP - XBEJX A180 **8080556**  
XBEBX 0A180HNRP - XBEJX A180 **8080557**  
L= 664 mm

**Drive unit – machine**

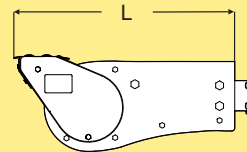
**XBEBX 0A300HNLP/HNRP – machine**



Driven Roller for:  
XBEBX 0A300HNLP - Machine **8080558**  
XBEBX 0A300HNRP - Machine **8080559**  
L= 365 mm

**Idler unit – machine**

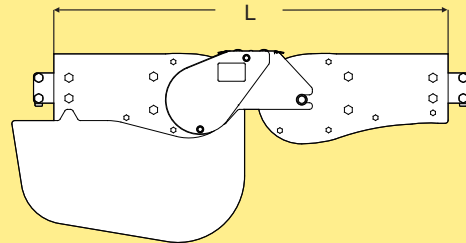
**XBEJX A300 - Machine**



Driven Roller for:  
XBEJX A300 - Machine **8080560**  
L= 365 mm

**In- line Transfer**

**XBEBX 0A300HNLP/HNRP – XBEJX A300**



Driven Roller for:  
XBEBX 0A300HNLP - XBEJX A300 **8080562**  
XBEBX 0A300HNRP - XBEJX A300 **8080563**  
L= 664 mm



***The driven spiral Transfer System provides a driven transfer of products onto of off a standard spiral Elevator***

The system is available in belt transfer only and can be added to the Drive end or Tail end of the standard Spiral Elevator.

**NOTE!**

**The fixed transmission guard is positioned to prevent accidental operator entanglement in the transmission. Due to the open nature of the spiral conveyor chain it is recommended that the transfer area is covered by a tunnel guard upon line integration to ensure a safe design.**

**Standard features**

- **Safe** - all moving parts of the drive mechanism are covered to prevent operator entanglement
- **Radial Infeed Edge** - allowing closer integration to spiral for smoother product transfer
- **Modular Design** - quick & easy interchangeability with ease of installation

**Materials**

Support Bracket .....	Aluminium Anodized
Top Plate .....	Stainless steel
Transfer Belt .....	Polyurethane/Polyester
Timing Belt, reinforced ...	Polyurethane
Rollers.....	Stainless steel
Driven roller.....	Aluminium Anodized

**Ordering information**

**The item is available to order as an upgrade kit only.**

## Technical specification

The Transfer unit is compatible with the Drive and Tail end of Spiral 5995512

### Operating parameters

Maximum running speed for the Spiral is 60 m/min

Maximum product load is 10 Kg.

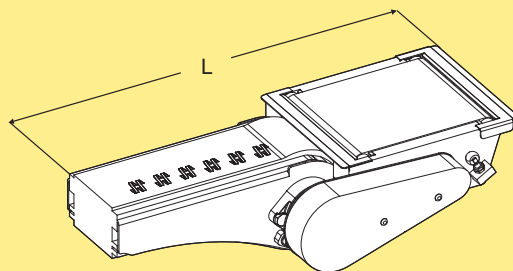
Belt width is 180mm

Temperature

10–35 °C

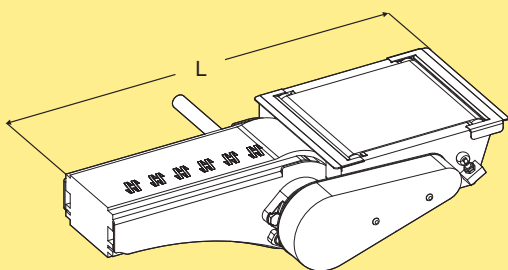
Overall width of transfer unit including Transmission Guard 282 mm

### Driven Transfer for Tail end



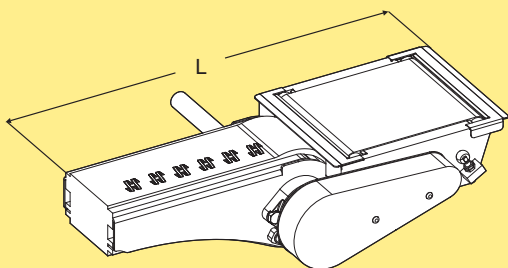
Driven Transfer for Tail end, Left Hand **8080025**  
Driven Transfer for Tail end, Right Hand **8080026**  
L= 588 mm

### Driven Transfer unit for Drive End (Shaft 20mm)



Driven Transfer unit for Drive End, Left Hand **8080000**  
(Shaft 20 mm)  
Driven Transfer unit for Drive End, Right Hand **8080001**  
(Shaft 20 mm)  
L= 588 mm

### Driven Transfer unit for Drive end (Shaft 25mm)



Driven Transfer for Drive end, Left Hand **8080011**  
(Shaft 25 mm)  
Driven Transfer for Drive end, Left Hand **8080012**  
(Shaft 25 mm)  
L= 588 mm

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# Product Rotate

## Contents

90° and 180°Product rotation unit for high speed applications.....	61	Anti-Clock wise product rotation .....	64
Technical specification:.....	63	Guide rail set up .....	65
Clock wise product rotation .....	64	Standard guide rail items: .....	65

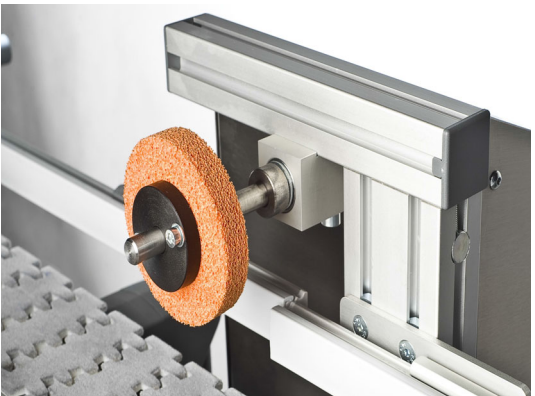
## 90° and 180°Product rotation unit for high speed applications



***FlexLink offers a range of pack rotation units. The unit allows a range of product sizes up to a maximum of 400 packs per minute to be rotated, clockwise or anti-clockwise.***

The solution is configured at different running speeds to suit the track speed of the conveyor system. These configurations are available in either a left hand or right hand configuration depending on the required direction of rotation.

Configured speeds are available to suit Conveyor running track speeds of 20 m/min, 30 m/min, 40 m/min, 50 m/min and 60 m/min.



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## Standard features

- **Height Adjustment:** Height of rotation unit can be adjusted to suit different products
- **Rotation Adjustment:** The position of the rotating wheels can be adjusted to suit different rotation positions on the product.
- **Robust Design:** The system is robust and designed to avoid operator interface
- **Smooth product handling:** Smooth product rotation with minimal supervision/intervention required by the operator
- **Clockwise or anticlockwise rotation:** Rotation available in either clockwise or anticlockwise directions
- **Clean design:** Clean design with minimal dust ingress
- **Installation:** Simple installation to standard conveyors using standard fittings
- **Safety:** Safe fully guarded design
- **Non standard units:** Speeds outside of the standard range can be ordered.

Please contact **EDS** on **eds@flexLink.com** if you wish to order a non standard unit

# Technical specification:

## FlexLink conveyor compatibility:

XL Conveyor system  
X65 Conveyor system  
X85 Conveyor system

## Product specification

### Minimum/Maximum product height

XL - 15mm - 90mm  
X65 - 15mm - 90mm  
X85 - 15 mm - 75mm

### Minimum/Maximum pack weight

Minimum Pack weight - 25 g  
Maximum Pack weight - 250 g

## Operating parameters

### Product gap

The rotation units are designed to work with minimal gaps between the products. The gap between the products is very much dependant upon the product running on the system. The minimum gap between products to allow the pack rotation unit to function should be half the product length.

The rotation units are not designed to function with queues of product; the queue **must** have a minimum gap as indicated above.

### General conveyor guide rail arrangement

The rotation units are designed to work with a special guide rail arrangement that allows the product to rotate. These arrangements can be seen in the layout specifications detailed below.

Note! Dimensions may vary dependent on pack size.

### Functional operation

The rotation units operate with a production flow of free-flowing products - in the event that any downstream conveyors or equipment stops then the flow of products on the conveyor must be controlled.

The products that have passed through the rotation unit will accumulate against the down stream stoppage and build back towards the rotation unit. A photo-eye must be positioned across the conveyor approximately 1000mm in front of the pack rotation unit such that when the photo eye becomes covered the conveyors stop immediately to prevent build back into the rotation unit.

## Power requirements

230 V 50 Hz single phase power supply.  
The unit is supplied complete with capacitor in mounting box. The capacitor must be used when connecting the motor. Capacitor supplied to be mounted on conveyor adjacent to rotation unit.

## Standard plain chain or flocked

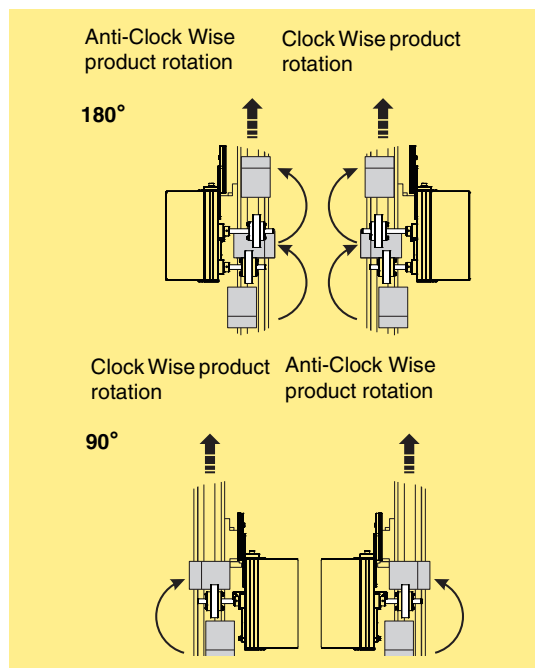
The rotation unit is designed to function on either plain or flocked conveyor chain.

## Unit Speed

Conveyor track speed [m/min]	Rotation unit speed [m/min]
20	24
30	36
40	48
50	60
60	72

## Rotation

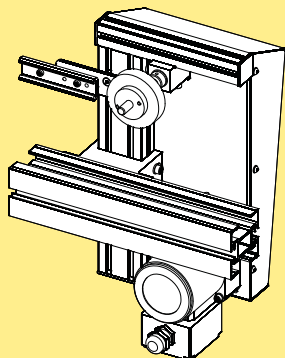
The Right Hand version of the rotation unit gives a clock-wise rotation of products on the conveyor. The Left hand version of the rotation unit gives anti-clockwise rotation of products on the conveyor.



## Clock wise product rotation

## Anti-Clock wise product rotation

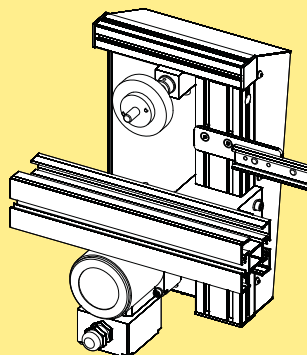
### Pack rotation unit 90° Right hand



### Pack rotation unit 90° Right hand

Pack rotation unit -20 m/min	8042407
Pack rotation unit -30 m/min	8042634
Pack rotation unit -40 m/min	8042638
Pack rotation unit -50 m/min	8042642
Pack rotation unit -60 m/min	8042646

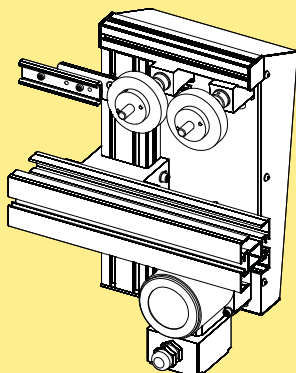
### Pack rotation unit 90° Left hand



### Pack rotation unit 90° Left hand

Pack rotation unit -20 m/min	8042411
Pack rotation unit -30 m/min	8042636
Pack rotation unit -40 m/min	8042640
Pack rotation unit -50 m/min	8042644
Pack rotation unit -60 m/min	8042648

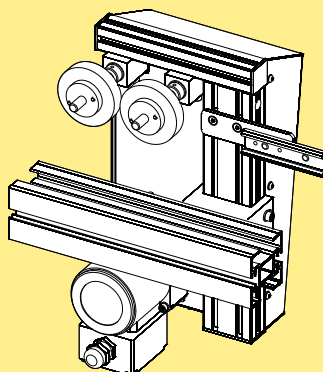
### Pack rotation unit 180° Right hand



### Pack rotation unit 180° Right hand

Pack rotation unit -20 m/min	8042408
Pack rotation unit -30 m/min	8042635
Pack rotation unit -40 m/min	8042639
Pack rotation unit -50 m/min	8042643
Pack rotation unit -60 m/min	8042647

### Pack rotation unit 180° Left hand

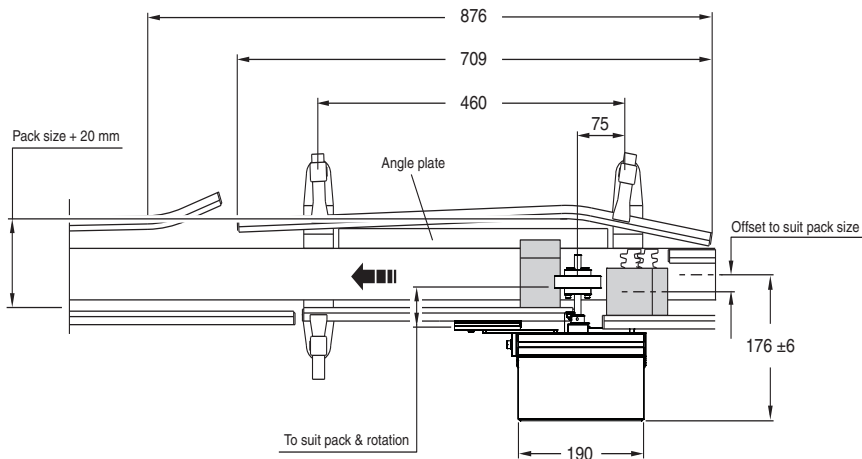


### Pack rotation unit 180° Left hand

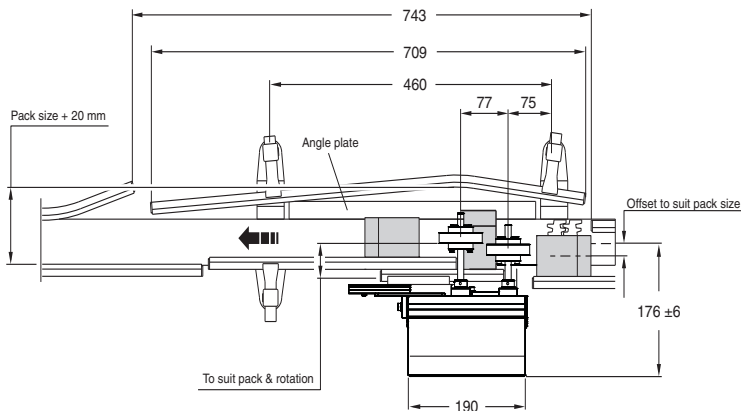
Pack rotation unit -20 m/min	8042412
Pack rotation unit -30 m/min	8042637
Pack rotation unit -40 m/min	8042641
Pack rotation unit -50 m/min	8042645
Pack rotation unit -60 m/min	8042649

# Guide rail set up

## 90° Rotation unit, general guidance on guide rail set up



## 180° Rotation unit, general guidance on guide rail set up

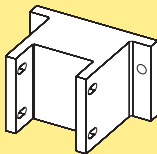


## Standard guide rail items:

Guide rail	XLRS 3x15
Guide rail cover	XLRT 3x23
Guide rail bracket	XLRF 42x18V
Guide rail clamp support	XLRL 18x60 C
Guide rail clamp	XLRK 18x60 C
T -bolt	XLAT 17
Lock nut	XLAN 8
Washer	BRB 8,4x16

\* Standard parts to be ordered separately

### Extension for Rotation Unit



Extension for Rotation Unit **8042395**  
Extends manageable pack size with 20 mm

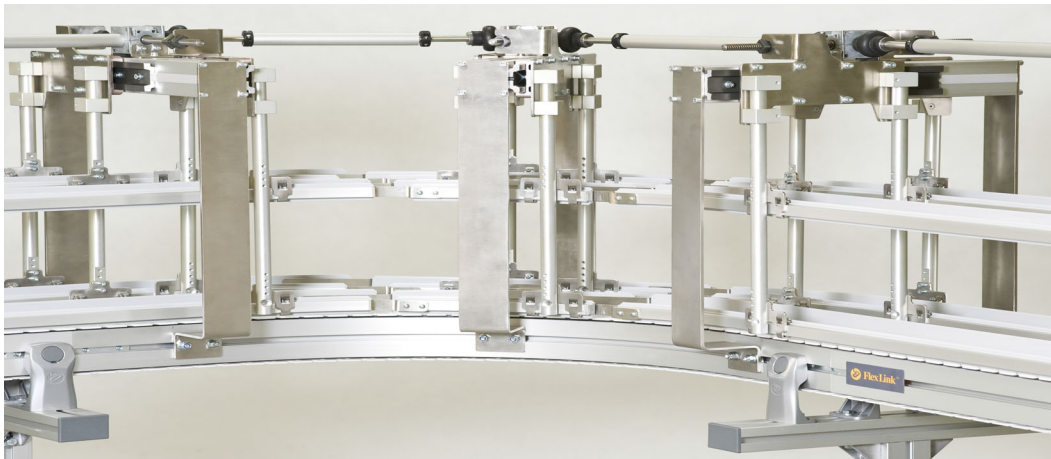


# Product Guiding Solution

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## Manual adjustable guide rails system for quick product changeovers



The manual adjustable guiding system provides a very flexible way to add fast width adjustment for conveyors in a production line.

The system offers fast and easy resetting of product guiding systems in production flows. The effect is increased line efficiency and safe product distribution throughout the line.

The system has a modular design and consists of straight guide units for guiding the side guides on the straight sections, and bends units for controlling the side guide widths on plain bends. Drive kits for applying movement to the side guides, and transmission and shaft kits that connect each of the units. There are also available a range of vertical bend kits for adapting guide rails for angled conveyors and additional items that allow for the side guides widths to be reduced in addition to the max/min range highlighted in the technical specification.

There are two configurations of the guide unit available: one above the conveyor (configuration 1), and one below the conveyor (configuration 2).

Configuration 1 is available in either one lane, two lane or four lane versions. There are two different heights available for configuration 1

Configuration 2 is available in a one lane version only.

Bend units are supplied assembled with the relevant plain bend modules.

### Standard features

- **Central adjustment:** With one hand wheel the complete length of conveyor side guides can be changed over in very short times. Changeover can be accessed from a floor mounted conveyor position or alternatively a floor mounted actuator kit will provide easy access for side guide adjustment on high level conveyors.
- **Side guide setting and calibration:** A dial gauge at the actuator position ensures accurate and repeatable adjustment.
- **Robust design:** The system is robust and designed to handle heavy products in accumulation.
- **Guide rail options:** The adjusting mechanism has been designed for use with either heavy or light guide rails. Guide rails are only available for pre-assembled bends.

The options for guide rail are

- XCBL 3x15x44 - for heavy duty applications
- XLRS 3x15 - for light applications

See Page 74

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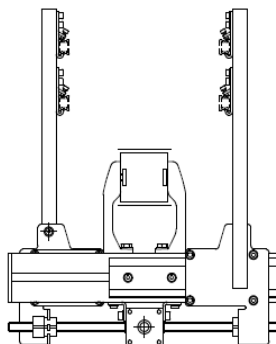
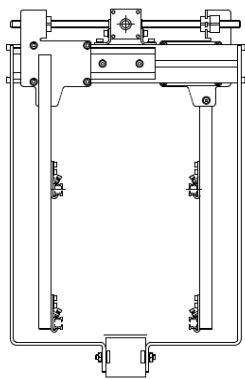
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*Configuration 1*

*Configuration 2*

## Product width

### Min / Max product widths for configuration 1

XL	20 - 200 mm
X65	20 - 200 mm
X85	20 - 250 mm
XH	20 - 350 mm
XK	20 - 350 mm
X180	70 - 450 mm
X300	70 - 450 mm

### Min / Max product widths for configuration 2

XL	30 - 200 mm
X65	30 - 200 mm
X85	50 - 250 mm
XH	70 - 350 mm
XK	70 - 350 mm
X180	144 - 450 mm
X300	264 - 450 mm

## Loadings

Max vertical load - 100 N

Max horizontal load - 300 N

## Max. distance between adjusting units

700 mm for XLRS 3x15

1000 mm for XCBL 3x15x44

Max numbers of adjusting units per adjusting hand wheel - 12 off



## Part numbering – configuration strings

Below, three examples of text strings obtained from the configurator with explanations are presented.

- 1 Frame above conveyor, single lane, X85, height of frame 250 mm, guide rail type XCBL Lx15x44

Item no	AA	BB	CC
8042040	020	- 110	- 220

- 2 Frame underneath conveyor, single lane, X85 height of frame 400 mm, guide rail type XLRS 3x15

Item no	AA	BB	CC
8042042	020	- 120	- 210

- 3 Frame above conveyor, single lane bend, X85, height of frame 250 mm, guide rail type XCBL Lx15x44, bend angle 45° and bend radius 700.

Item no	AA	BB	CC	DD	EE
8042076	020	- 110	- 220	- 320	- 420

### Item no

#### Configuration 1 - Frame above conveyor

	Valid for conveyor system:
8042040 Single lane	XL, X65, X85, XH, XK
8042044 Single lane	X180, X300
8042072 Single lane bend	XL, X65, X85, XH, XK
8042076 Single lane bend	X180, X300
8042048 Twin lane	XL, X65, X85, XH, XK
8042084 Twin lane bend	XL, X65, X85, XH, XK
8042050 Four lane	XL, X65, X85
8042086 Four lane bend	XL, X65, X85

#### Configuration 2 - Frame underneath conveyor

8042042 Single lane	XL, X65, X85, XH, XK
8042046 Single lane	X180, X300
8042079 Single lane bend	XL, X65, X85, XH, XK
8042082 Single lane bend	X180, X300

## Configurator keys

### AA – Conveyor type

010: XL  
020: X85  
030: XH  
040: XK  
050: X180  
060: X300  
070: X65

### BB – Height of frame

110: 250 mm  
120: 400 mm

### CC – Guide rail type

210: XLRS 3x15  
220: XCBL Lx15x44

### DD – Bend angle

310: 30°  
320: 45°  
330: 60°  
340: 90°  
390: Special angle

### EE – Bend radius

410: R500  
420: R700  
430: R1000  
440: R1200  
450: R1400  
460: R1600  
490: Special radius

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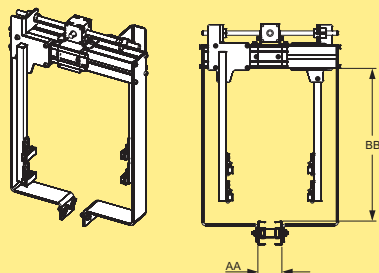
For configuration and pricing please send requirements to EDS@flexlink.com or contact your local SU

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IDX

# Manual adjustable guiding system

## Configuration 1 - Frame above conveyor

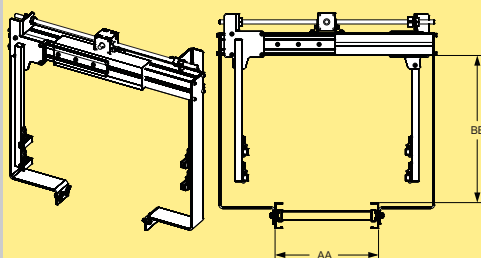
### Single lane



Guide unit, single lane, frame above conveyor

**8042040-AA-BB-CC**

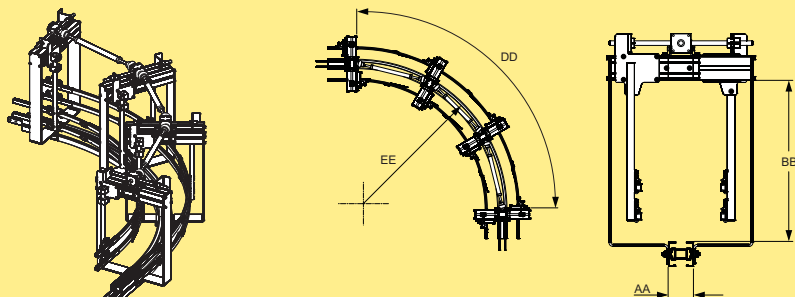
### Single lane



Guide unit, single lane, frame above conveyor

**8042044-AA-BB-CC**

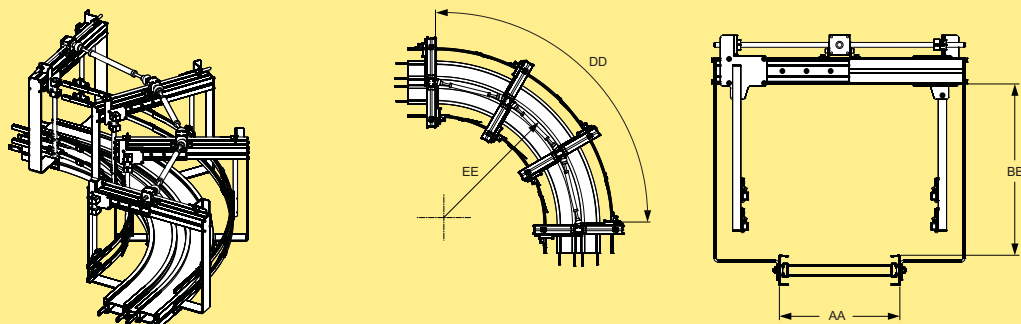
### Single lane bend



Guide unit, single lane bend, frame above conveyor  
*Note! Bend included*

**8042072-AA-BB-CC-DD-EE**

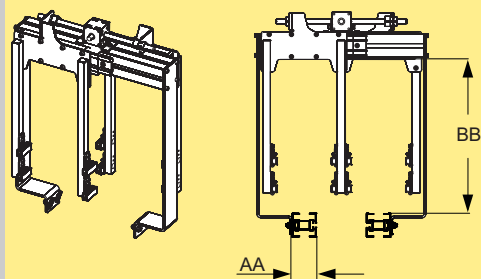
### Single lane bend



Guide unit, single lane bend, frame above conveyor  
*Note! Bend included*

**8042076-AA-BB-CC-DD-EE**

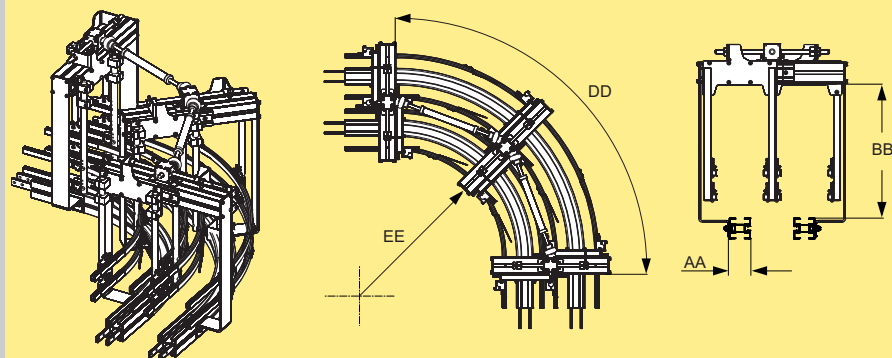
**Twin lane**



Guide unit, twin lane, frame  
above conveyor

**8042048-AA-BB-CC**

**Twin lane bend**



Guide unit, twin lane bend, frame above conveyor  
*Note! Bends included*

**8042084-AA-BB-CC-DD-EE**

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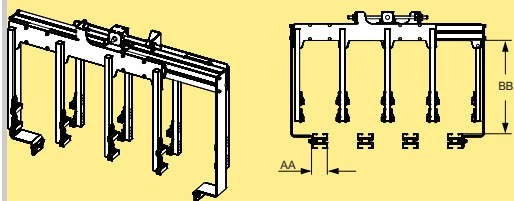
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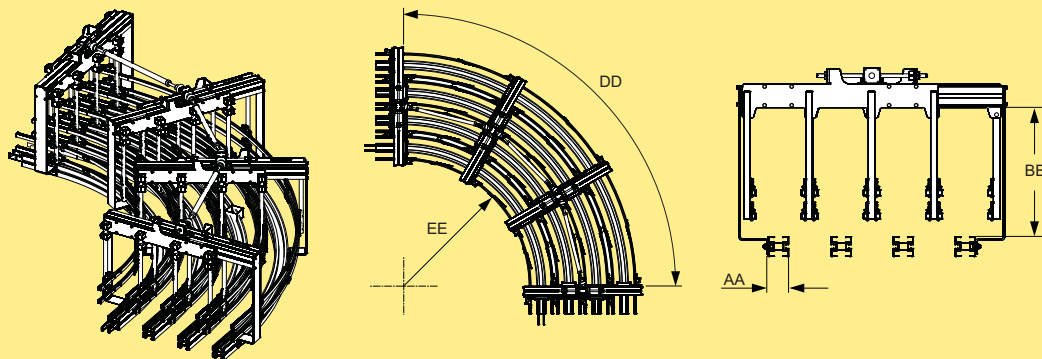
### Four lane



Guide unit, four lane, frame  
above conveyor

**8042050-AA-BB-CC**

### Four lane bend

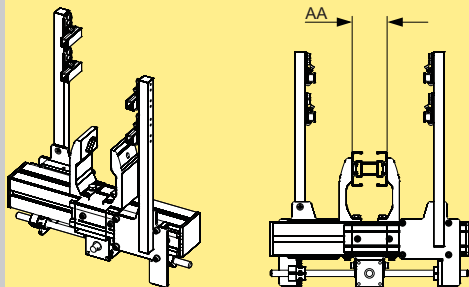


Guide unit, four lane bend, frame above conveyor  
*Note! Bends included*

**8042086-AA-BB-CC-DD-EE**

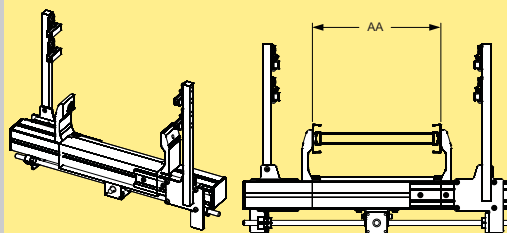
Configuration 2 - Frame underneath conveyor

Single lane



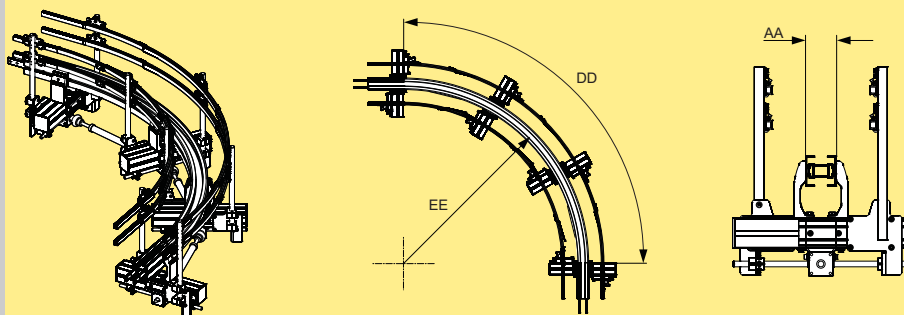
Guide unit, single lane, frame underneath conveyor **8042042-AA-CC**

Single lane



Guide unit, single lane, frame underneath conveyor **8042046-AA-CC**

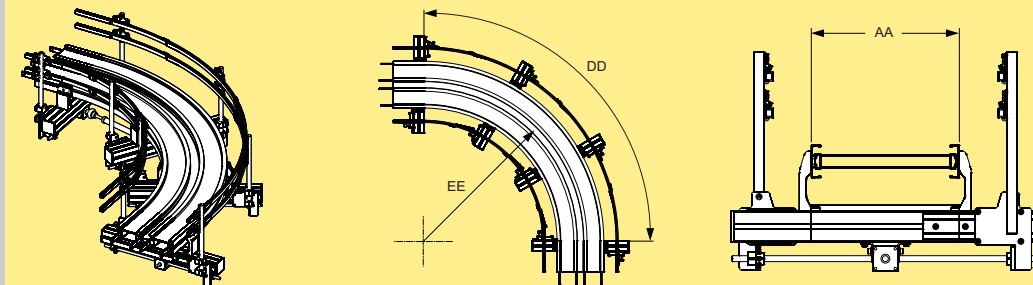
Single lane bend



Guide unit, single lane bend, frame underneath conveyor  
*Note! Bend included*

**8042079-AA-CC-DD-EE**

Single lane bend



Guide unit, single lane bend, frame underneath conveyor  
*Note! Bend included*

**8042082-AA-CC-DD-EE**

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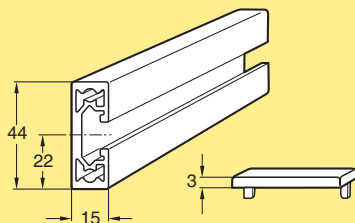
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# Guiding rail system components

## Guide rail

### Small beam 15×44



Small beam 15 mm × 44 mm

Lightweight design

Aluminium, anodized

Length 3 m (3030 ±5 mm)

Length to order (30- 3000 mm)

**XCBL 3×15×44**

**XCBL L×15×44**

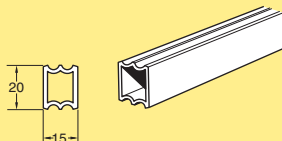
End cap, polyamide

**XCBE 15×44\***

Beam weight: 0,88 kg/m

\*Note. Must be ordered in multiples of 10

### Guide rail 15 mm, aluminium



Straight rail 15 mm

Aluminium, length 3 m

**XLRS 3×15**

### End plug, 15 mm



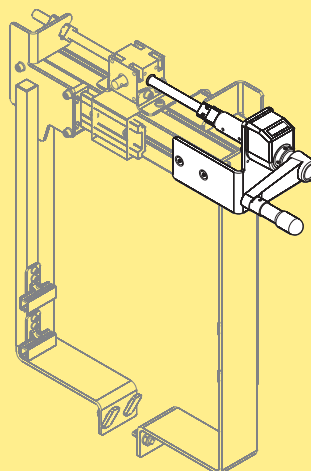
End plug, 15 mm

**XLRE 15**

Must be ordered in multiples of 10

## Drive kit

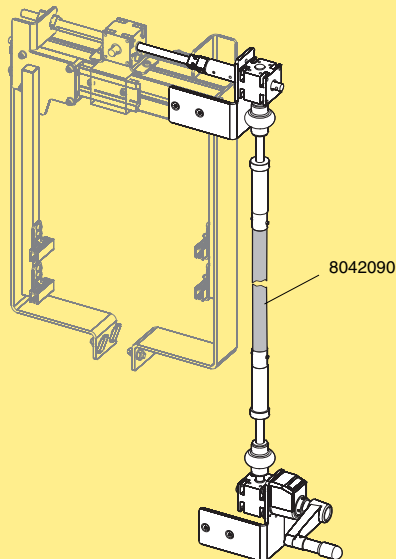
### Drive kit



Drive kit

**8042027**

### Drive Kit (suspended)



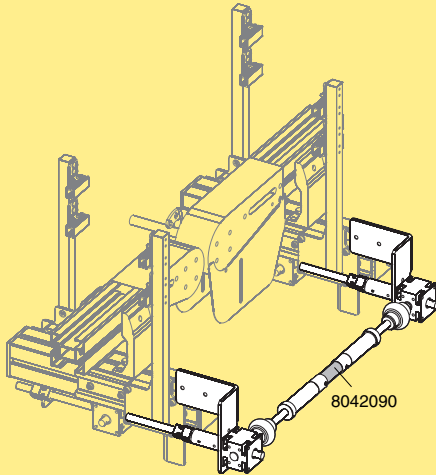
Drive kit (suspended)

**8042028**

Note! Use tube 8042090 for extension (not included), this tube can also be sourced locally

# Conveyor bypass (outside)

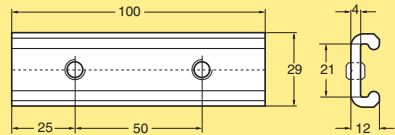
## Conveyor bypass (outside)



Conveyor bypass (outside)  
Note! Use tube 8042090 for extension not included), this tube can also be sourced locally

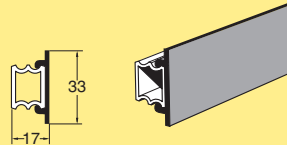
**8042024**

## Connecting sleeve



Connecting sleeve **XLRJ 100**  
Including set screws. For connecting two 10 mm or 15 mm XLRS guide rails end to end.

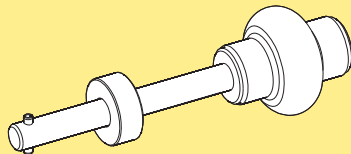
## Guide rail cover, flanged, for 15 mm aluminium guide rail



Guide rail cover for 15 mm guide rail  
Polyethylene, length 3 m, flanged **XLRT 3x33 D**

# Shaft kit

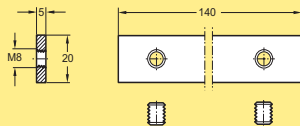
## Join



Join **8042022**

# Guide rail components

## Connecting strip



Connecting strip with set screws **XLCJ 5x140**  
Note. Must be ordered in multiples of 10

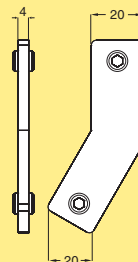
## Corner fitting 5°



Corner fitting 5°  
Steel, electro-zinc-plated **8042093**

*Note. Must be ordered in multiples of 10  
Including set screws*

## Corner fitting 30°



Corner fitting 30°  
Steel, electro-zinc-plated **8042096**

*Note. Must be ordered in multiples of 10  
Including set screws*

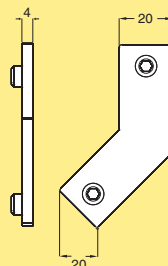
## Corner fitting 7°



Corner fitting 7°  
Steel, electro-zinc-plated **8042094**

*Note. Must be ordered in multiples of 10  
Including set screws*

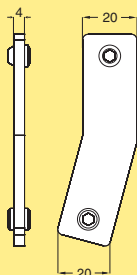
## Corner fitting 45°



Corner fitting 45°  
Steel, electro-zinc-plated **XMRW 20x45**

*Note. Must be ordered in multiples of 10  
Including set screws*

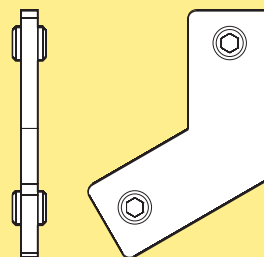
## Corner fitting 15°



Corner fitting 15°  
Steel, electro-zinc-plated **8042095**

*Note. Must be ordered in multiples of 10  
Including set screws*

## Corner fitting (custom angle)



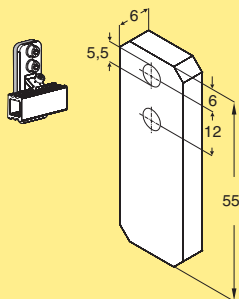
Corner fitting, custom angle  
Steel, electro-zinc-plated **8042097**

*Note. Must be ordered in multiples of 10  
Including set screws*



## Product width reduction

### Distance piece (plastic)

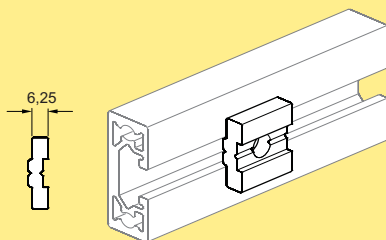


Distance piece (plastic POM C, black) **8042092**

Thickness 6 mm

*Note. Fixing not provided  
Must be ordered in multiples of 10*

### Distance piece (aluminium)



Distance piece (aluminium)  
Thickness 6,25 mm

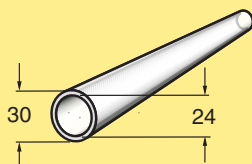
**XLRD 6**

*Suitable, longer T-bolts*

*Note. Must be ordered in multiples of 10*

## Transmission tube (anodised)

### Tube (anodised)



*Tube  
This tube can also be sourced  
locally*

**8042090**

## More information

Variations from standard modules are available and can be configured to suit specific customer requirements. Please contact your local FlexLink sales unit for more information.

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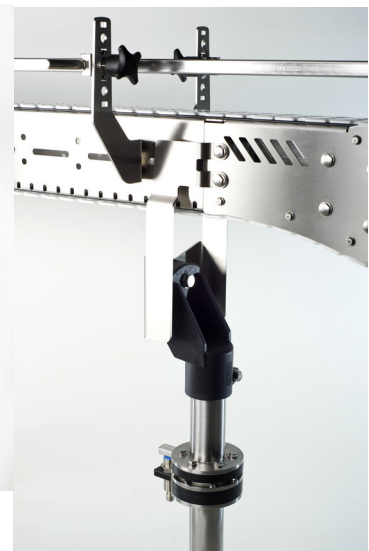


# Conveyor Access Solution

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## Mechanism for rotation of Conveyor in horizontal plane



**The horizontal gate mechanism is designed to allow access through a conveyor system for movement of personnel and materials when access and floor space is limited, and normal access routes are unavailable.**

**The unit is supplied as a mechanism only - the integration of this device is to be carried out during the line design phase.**

### Standard features

- **Rotation Adjustment:** The hinge mechanism can be positioned to allow for rotation of the conveyor centred around a standard support leg.
- **Position detection:** The design allows for position sensing of the mechanism in the closed position

*\* Note. Sensor not supplied.*

- **Clockwise or counter clockwise rotation:** Rotation available in either clockwise or anticlockwise directions
- **Robust design:** The mechanism is strong and durable and designed for maximum rigidity after repeated use
- **Clean design:** Clean design with min dust ingress where possible
- **Installation:** Simple installation to support legs using standard fittings
- **Safety:** Safe fully guarded design

# Technical specification:

## FlexLink conveyor compatibility:

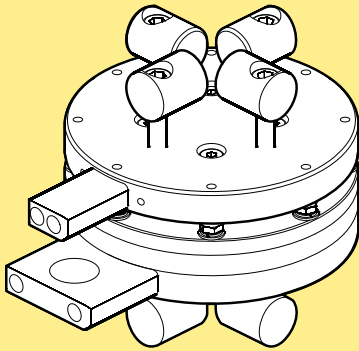
The mechanism is designed to be suitable for XS, XL, X85, XH, XK, X180 & X300 Aluminium Conveyor platforms and X85X, X180X & X300X Stainless Steel Conveyor platforms

The design of support is available for 3 types of standard support leg, standard XCBM Lx64, standard XCBL/XCBM Lx88 Aluminium extrusions and standard XCBMX Lx48 Stainless Steel Support Profile.

The Stainless steel mechanism comes fully fitted with 1m of XCBMX Support Profile which can be cut to suit the required conveyor height

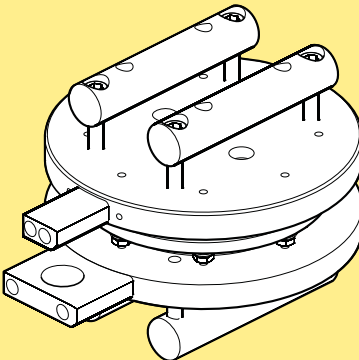
## Horizontal hinge mechanism

### Hinge mechanism for 64x64 Extrusion



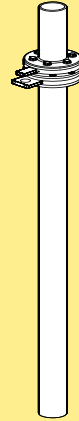
Hinge mechanism **8044495**  
*Note. Must be used with XCBM Lx64*

### Hinge mechanism for 88x88 Extrusion



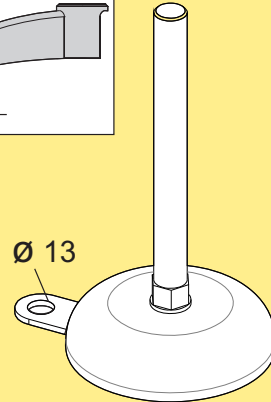
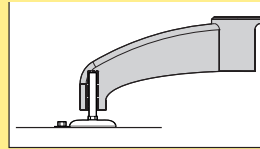
Hinge mechanism **8044490**

### Hinge mechanism for XCBMX Lx48



Hinge mechanism  
Note! length of tube is 1 m. **8044499**

### Bolt Down Foot, Stainless steel



Bolt Down Foot, Stainless steel **8044509**

## Installation Notes!

- The Support foot will need to be secured to the floor in order for the Rotation mechanism to function correctly and safely
- It is recommended to have a castor mounted foot to the moving end of the Gate conveyor top allow for easier operation
- Use item 8044509 when using XCFG 48 D, XCFG 48 DJ or XCFG 48 T to secure support leg to floor.



*The vertical gate mechanism is designed to allow access through a conveyor system for movement of personnel and materials when access and floor space is limited, and normal access routes are unavailable*

*The unit is supplied as a mechanism only - the integration of this device is to be carried out during the line design phase.*

### Standard features

- **Rotation Adjustment:** The hinge mechanism can be positioned to allow for rotation of the conveyor centred around a standard support leg.
- **Robust design:** The mechanism is strong and durable and designed for maximum rigidity after repeated use
- **Clean design:** Clean design with minimum dust ingress where possible
- **Installation:** Simple installation to support legs using standard fittings
- **Safety:** Safe fully guarded design

Please contact **EDS** on [eds@flexLink.com](mailto:eds@flexLink.com) if you wish to order a non standard unit

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# Technical specification

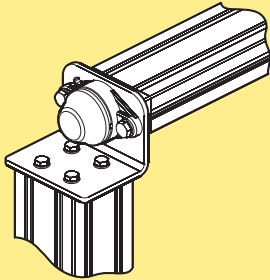
## FlexLink conveyor compatibility

The mechanism is designed to be suitable for XL, X85, XH, XK, X180 & X300 Aluminium Conveyor platforms

The design is available in different width configurations to be able to suit different applications and positions

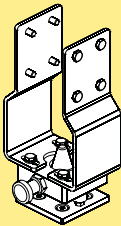
## Vertical hinge mechanism

### Vertical Hinge Mechanism XL, X85, XH, XK, X180 & X300



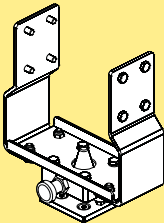
Vertical Hinge Mechanism **8044400**

### Locking Latch mounting kit XL, X85, XH, XK



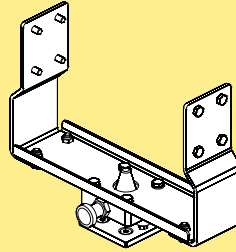
Locking Latch mounting kit **8044401**

### Locking Latch mounting kit X180



Locking Latch mounting kit X180 **8044402**

### Locking Latch mounting kit X300

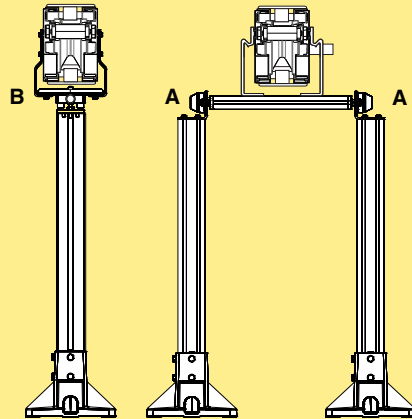


Locking Latch mounting kit X300 **8044403**

## Installation Note

- Conveyor supports will need to be secured to the floor in order for the rotation unit to function correctly & safely
- It is recommended when using a vertical gate conveyor to use a guided drive unit to eliminate risks from Catenary chain
- When using this mechanism it is critical to include a stay or gas spring to hold the conveyor in upright position.
- The Stay/spring will need to be engineered to suit the specific conveyor dimensions and weights used in each application

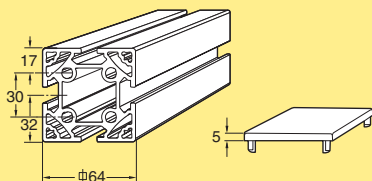
## Typical assembly



# Standard Support items :

## Support beams 64 mm

### Support beam 64×64



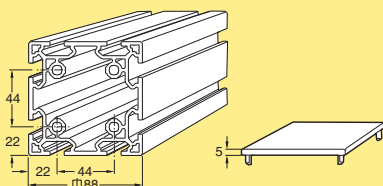
Support beam 64 mm × 64 mm  
Length 3 m (3030 ±5 mm) **XCBM 3×64**  
Length to order (30- 3000 mm) **XCBM L×64**

End cap, polyamide **XCBE 64\***

*\*Note. Must be ordered in multiples of 10*

## Support beams 88 mm

### Support beam 88×88

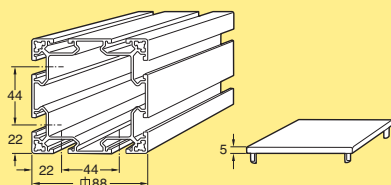


Support beam 88 mm × 88 mm  
Length 3 m (3030 ±5 mm) **XCBM 3×88**  
Length to order (30- 3000 mm) **XCBM L×88**

End cap, polyamide **XCBE 88\***

*\*Note. Must be ordered in multiples of 10*

### Support beam 88×88, lightweight



Support beam 88 mm × 88 mm, light  
Length 3 m (3030 ±5 mm) **XCBL 3×88**  
Length to order (30- 3000 mm) **XCBL L×88**

End cap, polyamide **XCBE 88\***

*\*Note. Must be ordered in multiples of 10*

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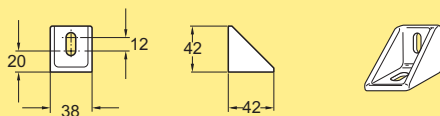
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## Angle brackets and mounting plates

## Feet, die-cast

### Angle bracket, die-cast, 42×42×38



Angle bracket

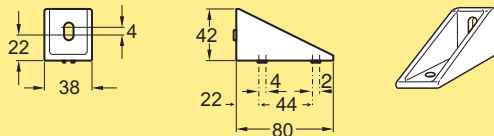
Aluminium, die-cast

**XCFA 44 B**

For use with 44×44 mm and 64×64 mm beams

Mounting: M6S 8×16 (2), BRB 8,4×16 (2), XCAN 8 (2)

### Angle bracket, die-cast, 80×42×38



Angle bracket

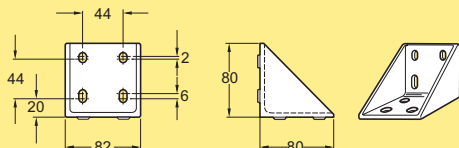
Aluminium, die-cast

**XCFA 44 C**

For use with 44×44 mm and 64×64 mm beams

Mounting: M6S 8×16 (3), BRB 8,4×16 (3), XCAN 8 (3)

### Angle bracket, die-cast, 80×80×82



Angle bracket

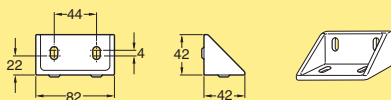
Aluminium, die-cast

**XCFA 88 A**

For use with 88×88 mm beams

Mounting: M6S 8×16 (8), BRB 8,4×16 (8), XCAN 8 (8)

### Angle bracket, die-cast, 42×42×82



Angle bracket

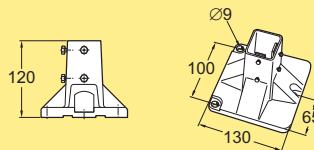
Aluminium, die-cast

**XCFA 88 B**

For use with 88×88 mm beams

Mounting: M6S 8×16 (4), BRB 8,4×16 (4), XCAN 8 (4)

### Foot 44×130



Foot for beam XCBM/XCBL ..x44

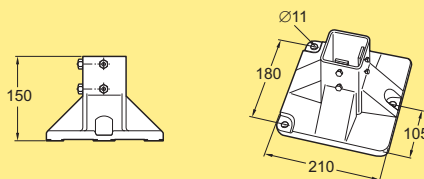
Aluminium, die-cast

**XCFF 44×130**

Including fastener kit

Maximum bending moment 250 Nm

### Foot 64×210



Foot for beam XCBM/XCBL ..x64

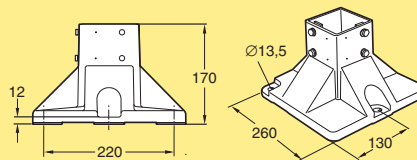
Aluminium, die-cast

**XCFF 64×210**

Including fastener kit

Maximum bending moment 750 Nm

### Foot 88×260



Foot for beam XCBM/XCBL ..x88

Aluminium, die-cast

**XCFF 88×260**

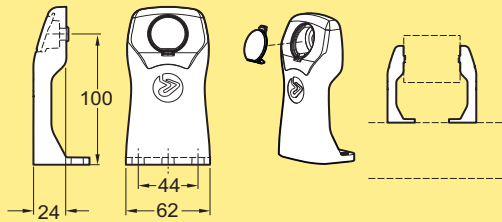
Including fastener kit

Maximum bending moment 1500 Nm



## Beam support brackets Type CT

### Beam support bracket –diecast aluminium



Beam support bracket, Type CT  
Aluminium, diecast

**XLCT 11x100 C**

For 64 mm or 88 mm crossing support beam.

Cannot be used with drip trays

Mounting: XLAT 17 (1), XLAN 8 (1), XCAN 8 (1 or 2),

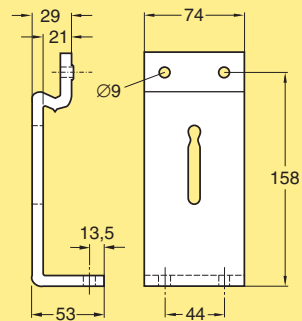
M6S 8x16 (1 or 2), BRB 8,4x16 (2 or 3)

Incl. Cap 5110134 (1)

Cap, Beam support bracket **5110196**

Kit contains 25 pcs

### Beam support bracket – aluminium

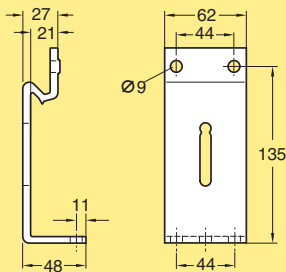


Beam support bracket, Type CT **XLCT 21x158 R**

For 88 mm crossing support beam

Mounting: XLAT 24 (2), XLAN 8 (2), XCAN 8 (2),  
M6S 8x16 (2), BRB 8,4x16 (4)

### Beam support bracket – aluminium



Beam support bracket, Type CT  
h=135 mm, a=48,5 mm

**XLCT 21x135 B**

For 64 or 88 mm crossing support beam

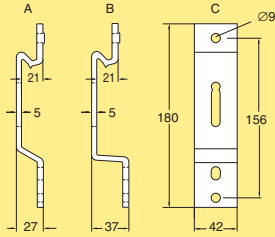
Mounting: XLAT 17 (2), XLAN 8 (2), XCAN 8 (2),

M6S 8x16 (2), BRB 8,4x16 (4)

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## Beam support brackets Type CS

### Beam support bracket – aluminium, for 44 mm vertical support beam



#### Beam support bracket, Type CS

For XS conveyor. Fig. A, C

**XSCS 44**

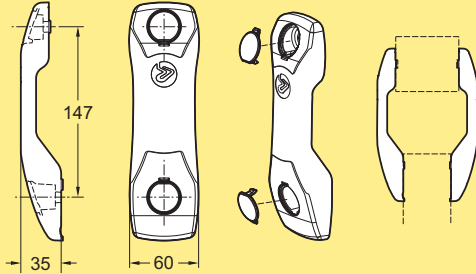
For XL conveyor. Fig. B, C

**XLCS 44**

For 44 mm vertical support beam

Mounting: XLAT 17 (1), XLAN 8 (1), XCAN 8 (2), M6S 8x16 (2), BRB 8,4x16 (3)

### Beam support bracket, diecast aluminium, for 64 mm vertical support beam



#### Beam support bracket for X85, Type CS

Aluminium, diecast

**XMCS 64 C**

For 64 mm vertical support beam

Cannot be used with drip trays

Mounting: XLAT 17 (1), XLAN 8 (1), XCAN 8 (1), M6S 8x16 (1), BRB 8,4x16 (2)

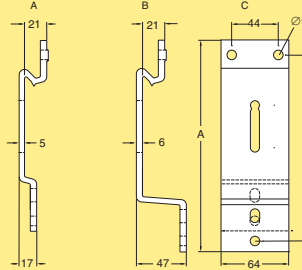
For support of X85 in-line transfer units, order M6S 8x16 screw instead of the XLAT 17 T-slot screw. Incl. Cap 5110134 (2)

Cap, Beam support bracket

**5110196**

Kit contains 25 pcs

### Beam support bracket – aluminium, for 64 mm vertical support beam



#### Beam support bracket, Type CS

For XS conveyor. Figure A, D

A=180 mm, B=156 mm

**XSCS 64**

For XL conveyor. Figure B, D

A=180 mm, B=156 mm

**XLCS 64**

For XH conveyor. Figure C, D

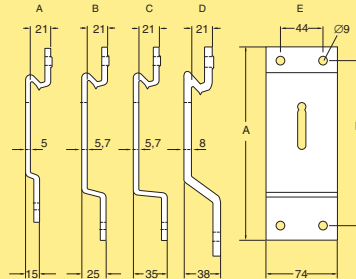
A=200 mm, B=176 mm

**XHCS 64 B**

For 64 mm vertical support beam

Mounting: XLAT 17 (2), XLAN 8 (2), XCAN 8 (2), M6S 8x16 (2), BRB 8,4x16 (4)

### Beam support bracket – aluminium, for 88 mm vertical support beam



#### Beam support bracket, Type CS

For XL conveyor. Fig. A, E

A=180 mm, B=151 mm

**XLCS 88**

For X85 conveyor. Fig. B, E

A=200 mm, B=171 mm

**XMCS 88 B**

For XH conveyor. Fig. C, E

A=200 mm, B=171 mm

**XHCS 88 B**

For XK conveyor. Fig. D, E

A=219 mm, B=190 mm

**XKCS 88 R\***

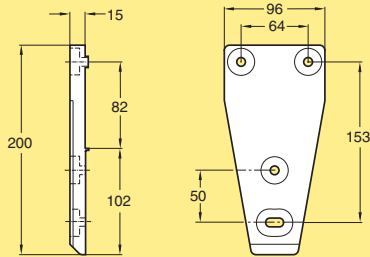
For 88 mm vertical support beam

Mounting: XLAT 17\* (2), XLAN 8 (2), XCAN 8 (2), M6S 8x16 (2), BRB 8,4x16 (4)

\* Use T-slot screw XLAT 24 (2) and M6S 8x20 (2) with XKCS 88 R. (XLAT 17 and M6S 8x16 are too short.)

# Beam support brackets Type CS, polyamide

## Beam support bracket – polyamide

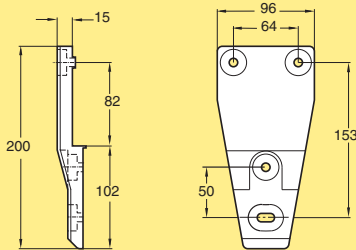


Beam support bracket, Type CS **XLCS 64 P**

For XL conveyor with 64 mm vertical support beam.  
Also suitable for XS conveyor with 44 mm vertical support beam

Mounting: XLAT 17 (2), XLAN 8 (2), XCAN 8 (2), M6S 8x16 (2), BRB 8,4x16 (4)

## Beam support bracket – polyamide

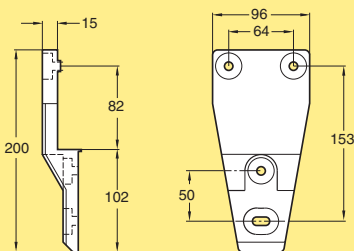


Beam support bracket, Type CS **XMCS 64 P**

For X85 conveyor with 64 mm vertical support beam.  
Also suitable for XL conveyor with 44 mm vertical support beam

Mounting: XLAT 17 (2), XLAN 8 (2), XCAN 8 (2), M6S 8x16 (2), BRB 8,4x16 (4)

## Beam support bracket – polyamide

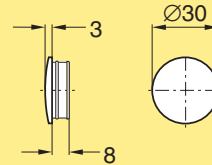


Beam support bracket, Type CS **XHCS 64 P**

For XH conveyor with 64 mm vertical support beam.  
Also suitable for X85 conveyor with 44 mm vertical support beam

Mounting: XLAT 17 (2), XLAN 8 (2), XCAN 8 (2), M6S 8x16 (2), BRB 8,4x16 (4)

## Nut cover plug

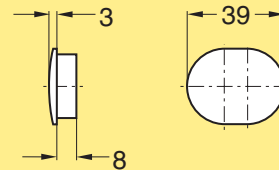


Nut cover plug **XLAE 26**

For polyamide beam support brackets

Note. Must be ordered in multiples of 10

## Nut cover plug for elongated hole



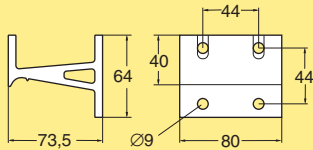
Nut cover plug for elongated hole **XLAE 26 E**

For polyamide beam support brackets

Note. Must be ordered in multiples of 10

## Beam support brackets Type CU

### Beam support bracket – aluminium

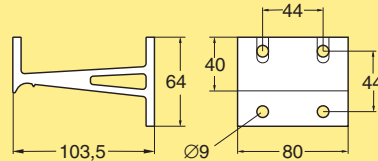


Beam support bracket, Type CU **XLCU 73**

For support of 180° wheel bend with 88 mm vertical support beam. For conveyor systems XL, X85, XH

Mounting: XLAT 17 (2), XLAN 8 (2), XCAN 8 (4), M6S 8x16 (4), BRB 8,4x16 (6)

### Beam support bracket – aluminium



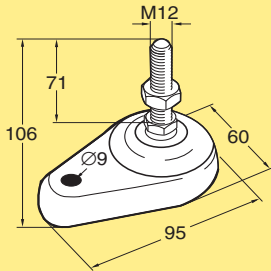
Beam support bracket, Type CU **XLCU 103**

For support of 180° wheel bend with 88 mm vertical support beam. For conveyor system XK

Mounting: XLAT 24 (2), XLAN 8 (2), XCAN 8 (4), M6S 8x16 (4), BRB 8,4x16 (6)

## Adjustable feet

### Adjustable foot, polyamide, M12



Adjustable foot  
PA + steel, electro-zinc-plated  
M12 thread

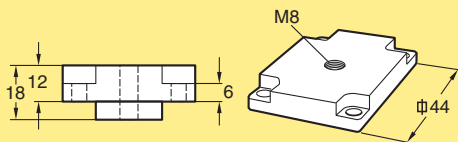
**XCFS 12x60x71**

Including nut. Maximum vertical load 15000 N

Mounting: XCFE .. M12.

## End plates

### End plate for beam 44x44, M8 thread

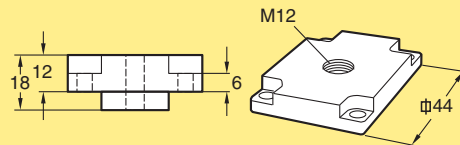


End plate for beam XCBL ...x44  
M8 thread  
Zinc, die-cast

**XCFE 44 M8**

Mounting: MC6S 6x30 (4)

### End plate for beam 44x44, M12 thread

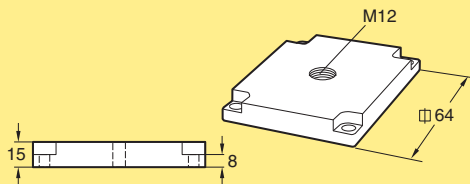


End plate for beam XCBL ...x44  
M12 thread  
Zinc, die-cast

**XCFE 44 M12**

Mounting: MC6S 6x30 (4)

### End plate for beam 64×64, M12 thread

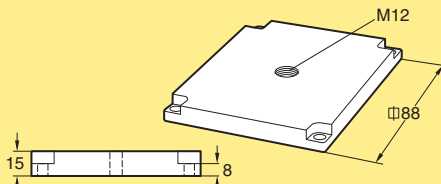


End plate for beam  
XCBL/XCBM ...x64  
M12 thread  
Zinc, die-cast

**XCFE 64 M12A**

Mounting: MC6S 6x30 (4)

### End plate for beam 88×88, M12 thread



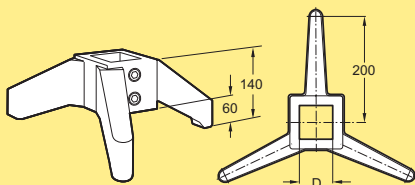
End plate for beam  
XCBL/XCBM ...x88  
M12 thread  
Zinc, die-cast

**XCFE 88 M12A**

Mounting: MC6S 6x30 (4)

## Polyamide feet

### Three-point foot for 64 mm beam

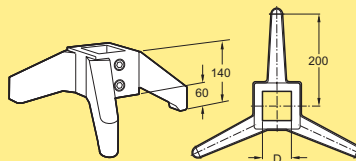


Three-point foot for XC.. 64 beam  
D=64 mm

Polyamide, glass-fibre reinforced **XEFG 64 T**

Including screws and clamps.  
Maximum vertical load 800 N.

### Foot for height adjustment assembly



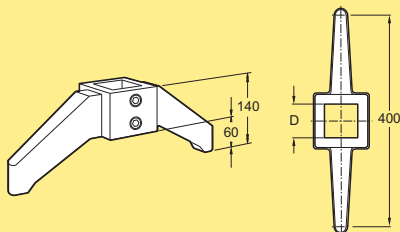
Three-point foot for XEFU 500

D=70 mm

Polyamide, glass-fibre reinforced **XEFG 70 T**

Including screws and clamps.  
Maximum vertical load 800 N.

### Two-point foot for 64 mm beam

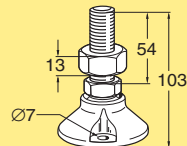


Two-point foot for XC.. 64 beam  
D= 64 mm

Polyamide, glass-fibre reinforced **XEFG 64 D**

Including screws and clamps.  
Maximum vertical load 800 N.

### Adjustable foot for XEFG



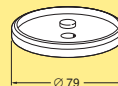
Adjustable foot for XEFG 64/70 T/D

With ball joint and M20 locking nut

Polyamide, glass-fibre reinforced **XLFS 20 P**

Maximum vertical load 500 N

### Vibration absorber



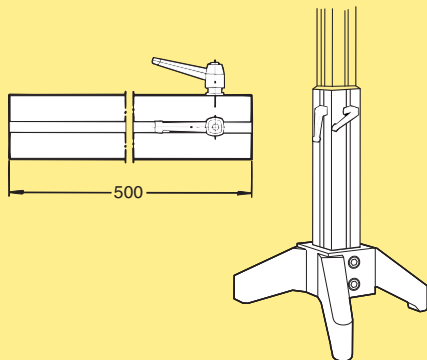
Vibration absorber for XLFS 20 P

Thermoplastic polyester

**XLFJ 69**

## Height adjustment assembly

### Height adjustment assembly



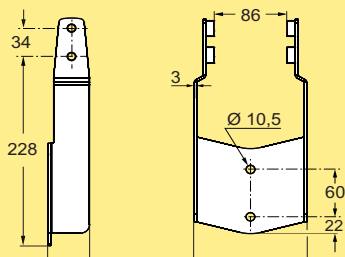
Square section tube height  
adjustment assembly  
Length 500 mm

Aluminium, anodized

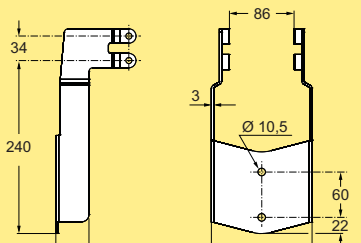
**XEFU 500**

*To be used with foot type XEFG 70 T. Including locking  
levers.*

## Beam support bracket X85X

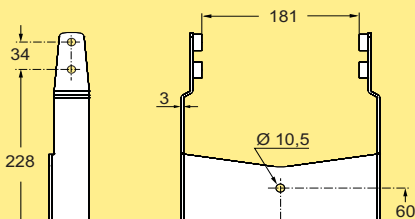


Beam support bracket, **straight beam** 5114653  
Stainless steel

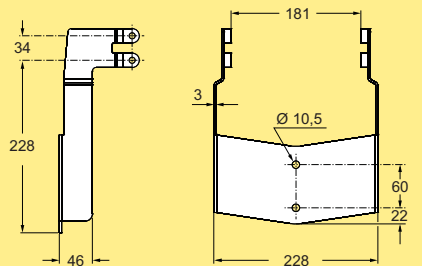


Beam support bracket, **drive unit** 5114999  
Stainless steel

## Beam support bracket X180X

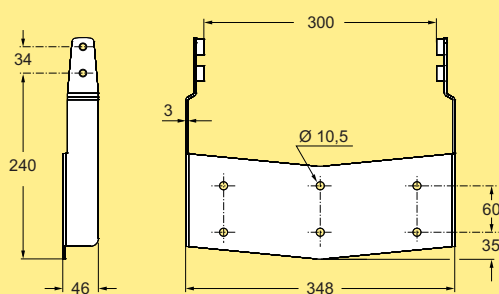


Beam support bracket, **straight beam** 5114654  
Stainless steel

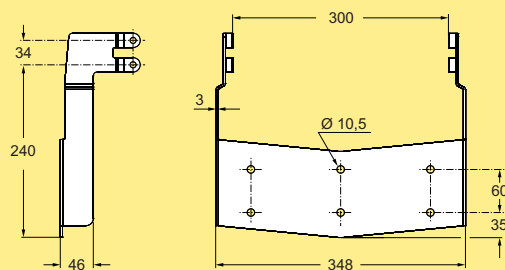


Beam support bracket, **drive unit** 5115001  
Stainless steel

## Beam support bracket X300X

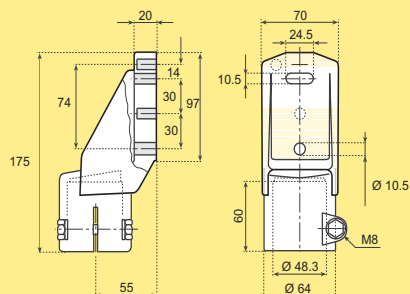


Beam support bracket, **straight beam** 5114655  
Stainless steel



Beam support bracket, **drive unit** 5114998  
Stainless steel

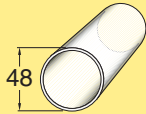
## Beam support bracket



Beam support bracket 5114458  
Reinforced polyamide. (2) Screw M6S 10x35 A4, (2) Hex domed cap nut MHM M10 A4, and (2) Washer BRB 10,5x20 A4 in stainless steel (not included)

For mounting hardware, see chapter Fasteners (FST) in Product catalogue 5147.

## Support profile



### Support profile

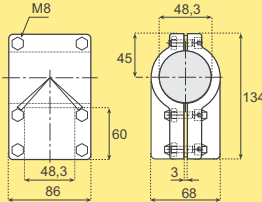
Stainless steel

Length 3 m ± 20 mm

Length to order

**XCBMX 3×48**  
**XCBMX L×48**

## T-connector

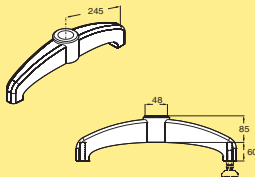


### T-connector

Reinforced polyamide, screws  
and nuts in stainless steel

**5114962**

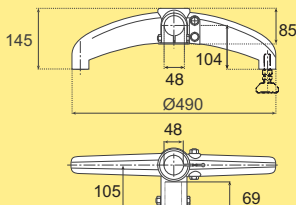
## Polyamide foot, 2-point



Two-point foot. Reinforced polyamide  
Threaded bushings and spacers in  
nickel plated brass  
(Adjustable foot XCFS 16×60×65 not  
included)

**XCFG 48 D**

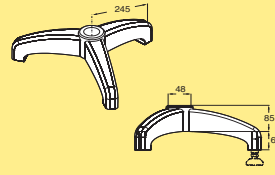
## Polyamide foot, 2-point with joint



Two-point foot. Reinforced polyamide  
Threaded bushings and spacers in  
nickel plated brass  
(Adjustable foot XCFS 16×60×65 not  
included)

**XCFG 48 DJ**

## Polyamide foot, 3-point



### Three-point foot

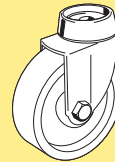
Reinforced polyamide

Threaded bushings and spacers in  
nickel plated brass

(Adjustable foot XCFS 16×60×65 not  
included)

**XCFG 48 T**

## Guide roller



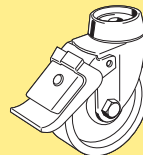
### Guide roller

Steel, electro-zinc-plated

**XCAG 80 A**

Mounting: XCAN 8 or XCFE .. M12. Maximum vertical  
load 600 N. Including fastener kit

## Guide roller with multistop brake



### Guide roller with multistop brake

Steel, electro-zinc-plated

**XCAG 80 BA**

Mounting: XCAN 8 or XCFE .. M12. Maximum vertical  
load 600 N. Including fastener kit



# Drip Tray Solution

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## A stainless steel Drip tray solution



***FlexLink offers a range of horizontal & vertical stainless steel drip trays. The drip tray is designed for horizontal conveyor bends and non standard vertical conveyor bends. The trays integrate to the existing standard drip tray design.***

### Standard features

- Sloping surfaces inside tray direct fluid into the existing drip tray
- Modular Design - quick and easy interchangeability with ease of assembly and installation using standard fixings
- Solutions available for Vertical bends to integrate to the existing drip tray system
- Solutions available for horizontal plain bends to integrate to the existing drip tray system

### FlexLink conveyor compatibility:

Compatible with XS, XL, X85, XH and XK FlexLink Conveyor platforms

### Materials:

Drip Tray in Stainless Steel



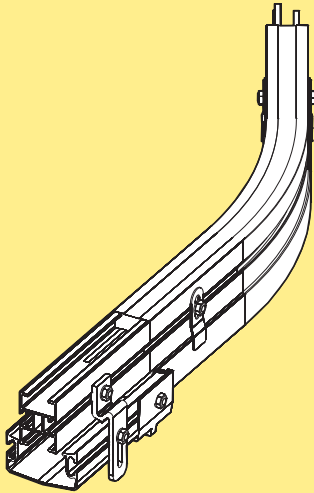
This item is not available in Webshop - contact your local Sales unit for information.

PO  
PT  
PR  
PGS  
CAS  
DTS  
IA  
MA  
MDS  
PC  
PD  
PM  
IDX

# Drip Tray system XS

## Drip Tray for XS Plain bends

### Drip pan

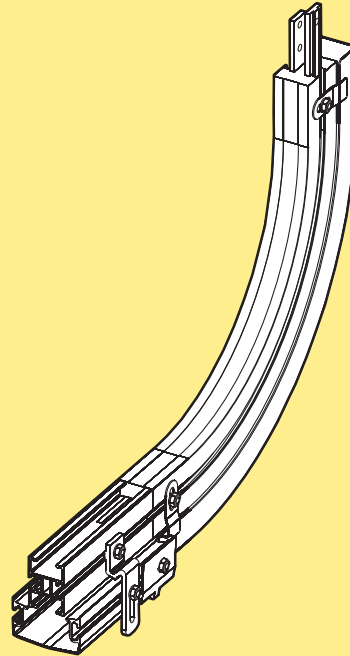


Drip pan for XSBP 30R500	<b>8042439</b>
Drip pan for XSBP 30R700	<b>8042440</b>
Drip pan for XSBP 30R1000	<b>8042441</b>
Drip pan for XSBP 45R700	<b>8042442</b>
Drip pan for XSBP 45R700	<b>8042443</b>
Drip pan for XSBP 45R1000	<b>8042444</b>
Drip pan for XSBP 60R500	<b>8042445</b>
Drip pan for XSBP 60R700	<b>8042446</b>
Drip pan for XSBP 60R1000	<b>8042447</b>
Drip pan for XSBP 90R500	<b>8042448</b>
Drip pan for XSBP 90R700	<b>8042449</b>
Drip pan for XSBP 90R1000	<b>8042450</b>
* Drip pan for XS plain bend special angle, radius	<b>8042451</b>

\* Please contact **EDS** on [eds@flexLink.com](mailto:eds@flexLink.com) with requirements

## Drip Tray for XS Vertical bends

### Drip pan

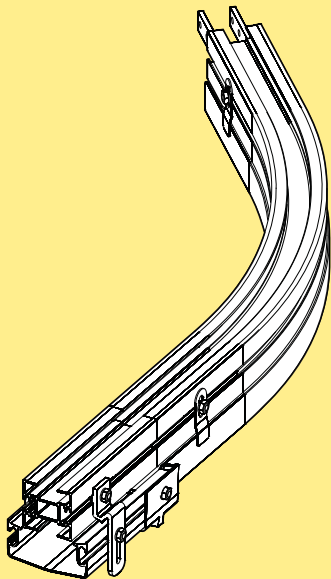


Drip pan, upper for XSBV 5R300	<b>8042452</b>
Drip pan, lower for XSBV 5R300	<b>8042453</b>
Drip pan, upper for XSBV 30R300	<b>8042454</b>
Drip pan, lower for XSBV 30R300	<b>8042455</b>
Drip pan, upper for XSBV 45R300	<b>8042456</b>
Drip pan, lower for XSBV 45R300	<b>8042457</b>
Drip pan, upper for XSBV 60R300	<b>8042458</b>
Drip pan, lower for XSBV 60R300	<b>8042459</b>
Drip pan, upper for XSBV 90R300	<b>8042460</b>
Drip pan, lower for XSBV 90R300	<b>8042461</b>
* Drip pan, upper for XS vertical bend special angle, radius	<b>8042462</b>
* Drip pan, lower for XS vertical bend special angle, radius	<b>8042463</b>

# Drip Tray system XL

## Drip Tray for XL Plain bends

### Drip pan

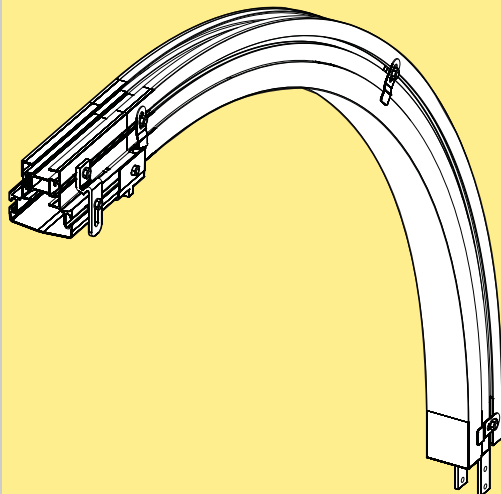


Drip pan for XLBP 30R300	<b>8042464</b>
Drip pan for XLBP 30R500	<b>8042465</b>
Drip pan for XLBP 30R700	<b>8042466</b>
Drip pan for XLBP 30R1000	<b>8042467</b>
Drip pan for XLBP 45R300	<b>8042468</b>
Drip pan for XLBP 45R500	<b>8042469</b>
Drip pan for XLBP 45R700	<b>8042470</b>
Drip pan for XLBP 45R1000	<b>8042471</b>
Drip pan for XLBP 60R500	<b>8042472</b>
Drip pan for XLBP 60R700	<b>8042473</b>
Drip pan for XLBP 60R1000	<b>8042474</b>
Drip pan for XLBP 90R300	<b>8042475</b>
Drip pan for XLBP 90R500	<b>8042476</b>
Drip pan for XLBP 90R700	<b>8042477</b>
Drip pan for XLBP 90R1000	<b>8042478</b>
* Drip pan for XL plain bend special angle, radius	<b>8042479</b>

\* Please contact **EDS** on [eds@flexLink.com](mailto:eds@flexLink.com) with requirements

## Drip Tray for XL Vertical bends

### Drip pan

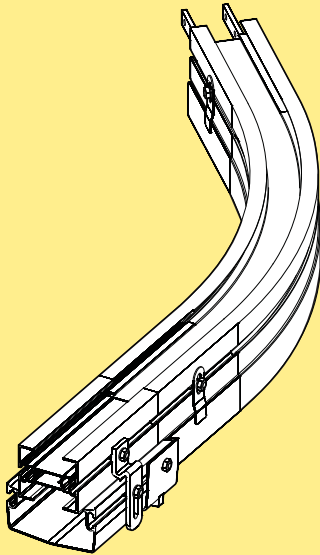


Drip pan, upper for XLBV 5R300	<b>8042480</b>
Drip pan, lower for XLBV 5R300	<b>8042481</b>
Drip pan, upper for XLBV 7R300	<b>8042482</b>
Drip pan, lower for XLBV 7R300	<b>8042483</b>
Drip pan, upper for XLBV7R1000	<b>8042484</b>
Drip pan, lower for XLBV7R1000	<b>8042485</b>
Drip pan, upper for XLBV 15R300	<b>8042486</b>
Drip pan, lower for XLBV 15R300	<b>8042487</b>
Drip pan, upper for XLBV 30R1225	<b>8042488</b>
Drip pan, lower for XLBV 30R1225	<b>8042489</b>
Drip pan, upper for XLBV 45R1000	<b>8042490</b>
Drip pan, lower for XLBV 45R1000	<b>8042491</b>
Drip pan, upper for XLBV 45R1225	<b>8042492</b>
Drip pan, lower for XLBV 45R1225	<b>8042493</b>
Drip pan, upper for XLBV 60R1000	<b>8042494</b>
Drip pan, lower for XLBV 60R1000	<b>8042495</b>
Drip pan, upper for XLBV 90R1000	<b>8042496</b>
Drip pan, lower for XLBV 90R1000	<b>8042497</b>
Drip pan, upper for XLBV ER300	<b>8042498</b>
Drip pan, lower for XLBV ER300	<b>8042499</b>
Drip pan, upper for xlbv er1000	<b>8042500</b>
Drip pan, lower for XLBV ER1000	<b>8042501</b>
* Drip pan, upper for XL vertical bend special angle, radius	<b>8042609</b>
* Drip pan, lower for XL vertical bend special angle, radius	<b>8042610</b>

# Drip Tray system X85

## Drip Tray for X85 Plain bends

### Drip pan

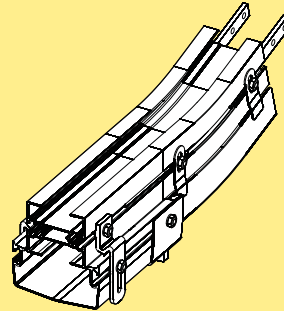


Drip pan for XBBP 30A85R3	8042502
Drip pan for XBBP 30A85R5	8042503
Drip pan for XBBP 30A85R7	8042504
Drip pan for XBBP 30A85R10	8042505
Drip pan for XBBP 45A85R3	8042506
Drip pan for XBBP 45A85R5	8042507
Drip pan for XBBP 45A85R7	8042508
Drip pan for XBBP 45A85R10	8042509
Drip pan for XBBP 60A85R5	8042510
Drip pan for XBBP 60A85R7	8042511
Drip pan for XBBP 60A85R10	8042512
Drip pan for XBBP 90A85R3	8042513
Drip pan for XBBP 90A85R5	8042514
Drip pan for XBBP 90A85R7	8042515
Drip pan for XBBP 90A85R10	8042516
* Drip pan for X85 plain bend special angle, radius	8042517

\* Please contact **EDS** on [eds@flexLink.com](mailto:eds@flexLink.com) with requirements

## Drip Tray for X85 Vertical bends

### Drip pan

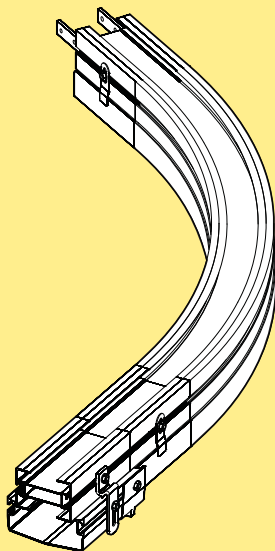


Drip pan, upper for XBBV 5A85R4	8042518
Drip pan, lower for XBBV 5A85R4	8042519
Drip pan, upper for XBBV 5A85R750	8042520
Drip pan, lower for XBBV 5A85R750	8042521
Drip pan, upper for XBBV 7A85R4	8042522
Drip pan, lower for XBBV 7A85R4	8042523
Drip pan, upper for XBBV 15A85R4	8042524
Drip pan, lower for XBBV 15A85R4	8042525
Drip pan, upper for XBBV 15A85R750	8042526
Drip pan, lower for XBBV 15A85R750	8042527
Drip pan, upper for XBBV 30A85R4	8042528
Drip pan, lower for XBBV 30A85R4	8042529
Drip pan, upper for XBBV 45A85R4	8042530
Drip pan, lower for XBBV 45A85R4	8042531
Drip pan, upper for XBBV 45A85R10	8042532
Drip pan, lower for XBBV 45A85R10	8042533
Drip pan, upper for XBBV 60A85R4	8042534
Drip pan, lower for XBBV 60A85R4	8042535
Drip pan, upper for XBBV 90A85R10	8042536
Drip pan, lower for XBBV 90A85R10	8042537
Drip pan, upper for XBBV EA85R4	8042538
Drip pan, lower for XBBV EA85R4	8042539
Drip pan, upper for XBBV EA85R10	8042540
Drip pan, lower for XBBV EA85R10	8042541
* Drip pan, upper for X85 vertical bend spe- cial angle, radius	8042611
* Drip pan, lower for X85 vertical bend spe- cial angle, radius	8042612

# Drip Tray system XH

## Drip Tray for XH Plain bends

### Drip pan

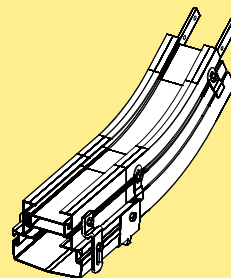


Drip pan for XHBP 30R500	<b>8042542</b>
Drip pan for XHBP 30R700	<b>8042543</b>
Drip pan for XHBP 30R1000	<b>8042544</b>
Drip pan for XHBP 45R500	<b>8042545</b>
Drip pan for XHBP 45R700	<b>8042546</b>
Drip pan for XHBP 45R1000	<b>8042547</b>
Drip pan for XHBP 60R500	<b>8042548</b>
Drip pan for XHBP 60R700	<b>8042549</b>
Drip pan for XHBP 60R1000	<b>8042550</b>
Drip pan for XHBP 90R500	<b>8042551</b>
Drip pan for XHBP 90R700	<b>8042552</b>
Drip pan for XHBP 90R1000	<b>8042553</b>
* Drip pan for XH Plain bend special angle, radius	<b>8042554</b>

\* Please contact **EDS** on [eds@flexLink.com](mailto:eds@flexLink.com) with requirements

## Drip Tray for XH Vertical bends

### Drip pan

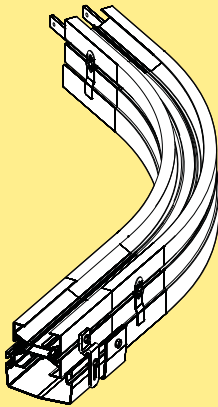


Drip pan, upper for XHBV 5R400	<b>8042555</b>
Drip pan, lower for XHBV 5R400	<b>8042556</b>
Drip pan, upper for XHBV 7R400	<b>8042557</b>
Drip pan, lower for XHBV 7R400	<b>8042558</b>
Drip pan, upper for XHBV 15R400	<b>8042559</b>
Drip pan, lower for XHBV 15R400	<b>8042560</b>
Drip pan, upper for XHBV 30R400	<b>8042561</b>
Drip pan, lower for XHBV 30R400	<b>8042562</b>
Drip pan, upper for XHBV 45R400	<b>8042563</b>
Drip pan, lower for XHBV 45R400	<b>8042564</b>
Drip pan, upper for XHBV 45R1000	<b>8042565</b>
Drip pan, lower for XHBV 45R1000	<b>8042566</b>
Drip pan, upper for XHBV 60R400	<b>8042567</b>
Drip pan, lower for XHBV 60R400	<b>8042568</b>
Drip pan, upper for XHBV 90R1000	<b>8042569</b>
Drip pan, lower for XHBV 90R1000	<b>8042570</b>
* Drip pan, upper for XH vertical bend spe- cial angle, radius	<b>8042571</b>
* Drip pan, lower for XH vertical bend spe- cial angle, radius	<b>8042572</b>

# Drip Tray system XK

## Drip Tray for XK Plain bends

### Drip pan

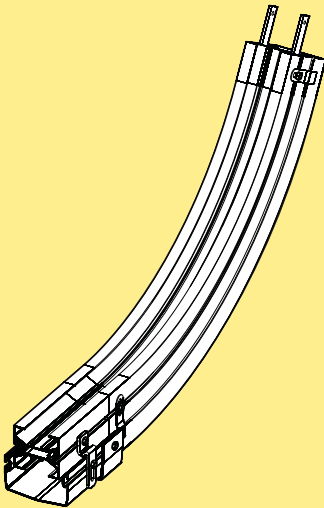


Drip pan for XKBP 30R500	8042573
Drip pan for XKBP 30R700	8042574
Drip pan for XKBP 30R1000	8042575
Drip pan for XKBP 45R500	8042576
Drip pan for XKBP 45R700	8042577
Drip pan for XKBP 45R1000	8042578
Drip pan for XKBP 60R500	8042579
Drip pan for XKBP 60R700	8042580
Drip pan for XKBP 60R1000	8042581
Drip pan for XKBP 90R500	8042582
Drip pan for XKBP 90R700	8042583
Drip pan for XKBP 90R1000	8042584
* Drip pan for plain XK bend special angle, radius	8042585

\* Please contact **EDS** on [eds@flexLink.com](mailto:eds@flexLink.com) with requirements

## Drip Tray for XK Vertical bends

### Drip pan



Drip pan, upper for XKBV 5R750	8042586
Drip pan, lower for XKBV 5R750	8042587
Drip pan, upper for XKBV 15R750	8042588
Drip pan, lower for XKBV 15R750	8042589
Drip pan, upper for XKBV 30R750	8042590
Drip pan, lower for XKBV 30R750	8042591
Drip pan, upper for XKBV 45R750	8042592
Drip pan, lower for XKBV 45R750	8042593
Drip pan, upper for XKBV 60R750	8042594
Drip pan, lower for XKBV 60R750	8042595
Drip pan, upper for XKBV 90R750	8042596
* Drip pan, upper for XK vertical bend special angle, radius	8042597
* Drip pan, lower for XK vertical bend special angle, radius	8042598



***FlexLink offers a stainless steel drip tray for use in handling oily or wet components. The tray has increased width for wider handled products***

### **Standard features**

- Sloping surfaces inside tray direct fluid to drainage points
- Integrated common tray and conveyor supports
- Modular design - quick and easy interchange ability with ease of assembly and installation
- Solutions available for wheel bends
- Solutions available for vertical bends
- Solutions available for drive and idler units

### **FlexLink conveyor compatibility:**

The system is designed around XH conveyor system but can be quickly adapted to suit the range of FlexLink conveyors

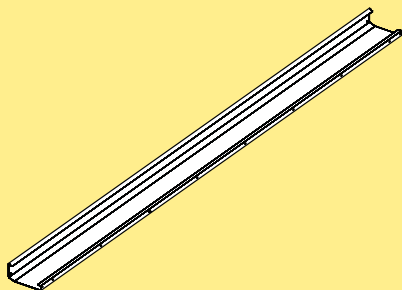
### **Materials:**

- Conveyor support in stainless steel
- Support bracket in stainless steel
- Drip tray in stainless steel

This item is not available in Webshop - contact your local Sales unit for information.

## Wide drip tray

### Wide drip tray

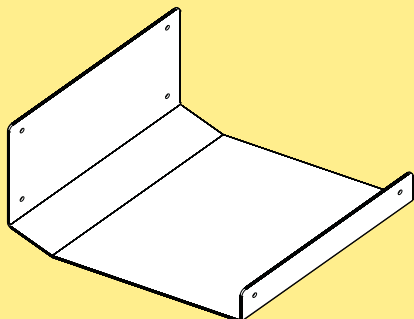


Drip tray length 3m **8042370**

Drip tray length Cut to length **8042205**

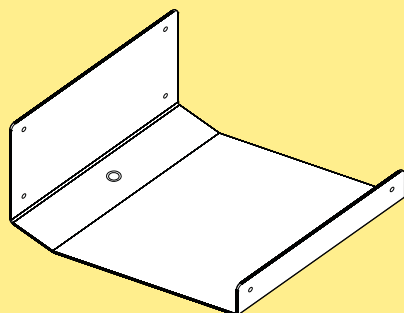
## Drip tray connectors and joining sections

### Drip tray connector



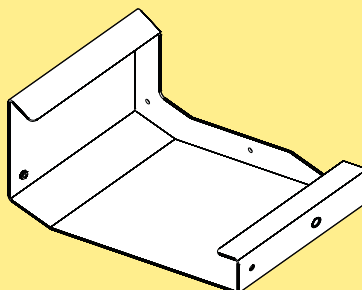
Drip tray connector **8042204**

### Drip tray connector (with drip outlet)



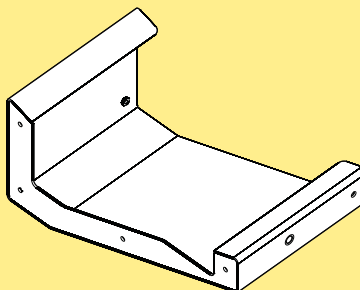
Drip tray connector (with drip outlet) **8043272**

### Drip tray joining section LH



Drip tray joining section LH **8042218**

### Drip tray joining section RH

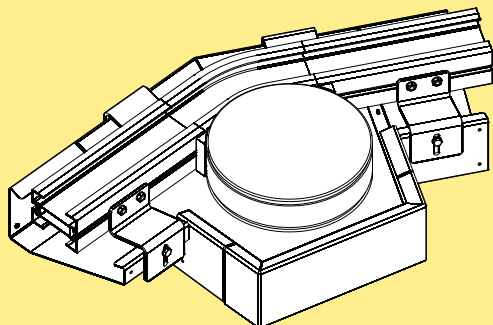


Drip tray joining section RH **8042235**



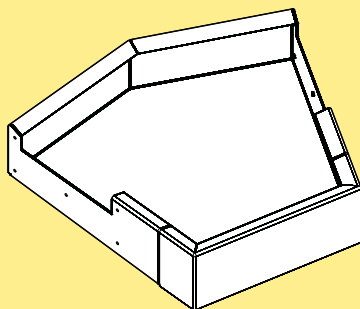
## Drip pan for wheel bends and vertical bends

### 30° Drip pan assembly kit



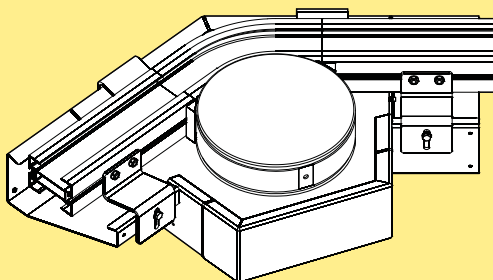
30° Drip pan assembly kit° **8042363**

### Drip pan for wheel bend 30°



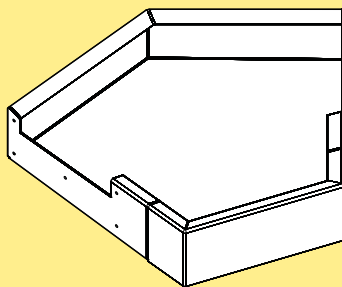
Drip pan for wheel bend 30° **8042209**

### 45° Drip pan assembly kit



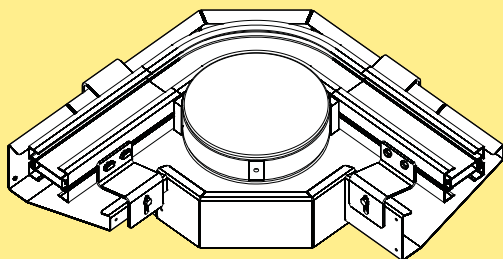
45° Drip pan assembly kit **8042364**

### Drip pan for wheel bend 45°



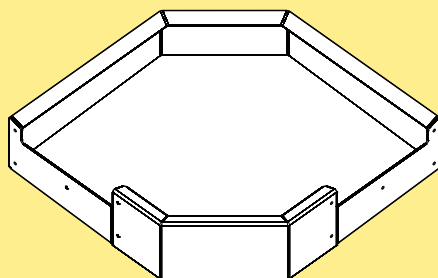
Drip pan for wheel bend 45° **8042212**

### 90° Drip pan assembly kit



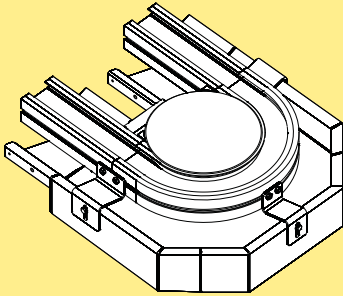
90° Drip pan assembly kit **8042362**

### Drip pan for wheel bend 90°



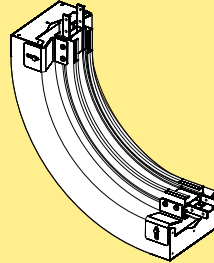
Drip pan for wheel bend 90° **8042201**

**180° Drip pan assembly kit**



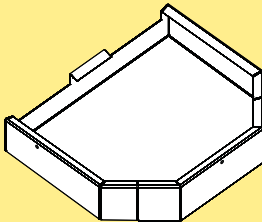
180° Drip pan assembly kit **8042359**

**Drip pan assembly kit vertical bend 90° (Outer)**



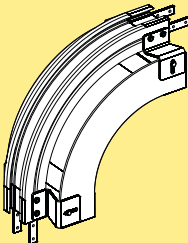
Drip pan assembly kit vertical bend 90° (outer) **8042360**

**Drip pan for wheel bend 180°**



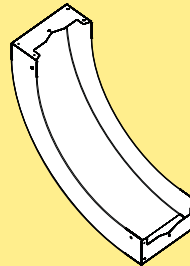
Drip pan for wheel bend 180° **8042214**

**Drip pan assembly kit vertical bend 90° (inner)**



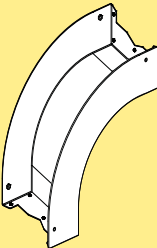
Drip pan assembly kit vertical bend 90° (inner) **8042361**

**Drip pan for vertical bend 90° (Outer)**



Drip pan for vertical bend 90° (outer) **8042232**

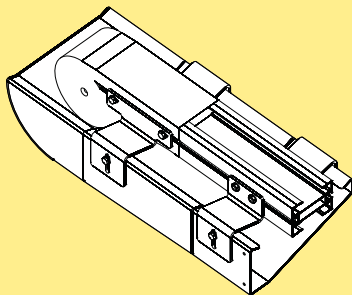
**Drip pan for vertical bend 90° (inner)**



Drip pan for vertical bend 90° (inner) **8042238**

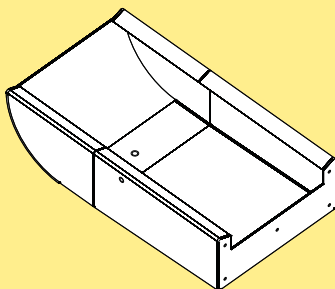
**Drip pan for idler unit, drive units**

**Drip pan assembly kit idler unit**



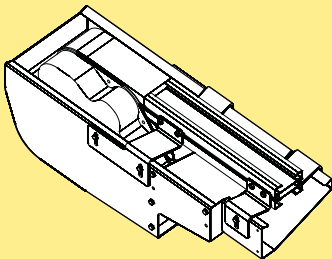
Drip pan assembly kit idler **8042365**

**End pan for idler unit**



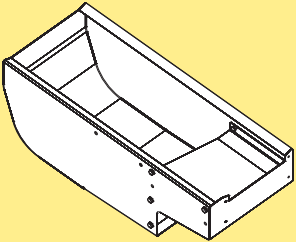
End pan for idler unit **8042221**

**Drip pan assembly kit drive unit LH**



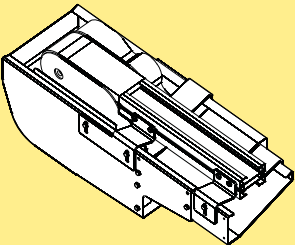
Drip pan assembly kit drive LH **8042366**

**End pan for drive unit LH**



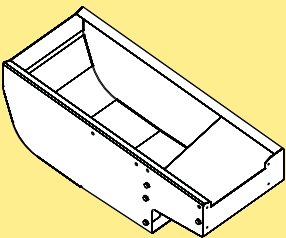
End pan for drive unit LH **8042357**

**Drip pan assembly kit drive unit RH**



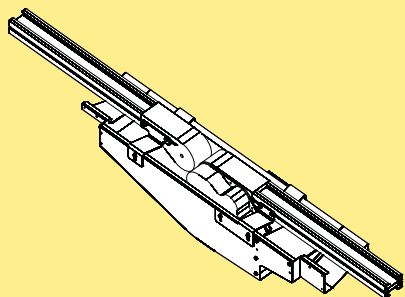
Drip pan assembly kit drive RH **8042367**

**End pan for drive unit RH**



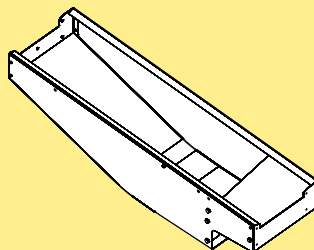
End pan for drive unit RH **8042358**

**Drip pan assembly kit drive LH - idler**



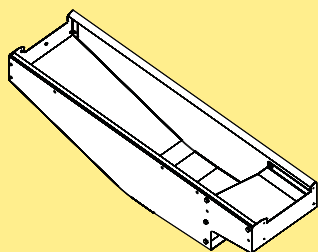
Drip pan assembly kit drive LH - idler  
**8042369**

**End pan for drive unit - idler transfer (RH)**



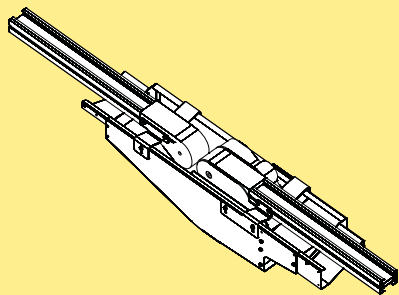
End pan for drive unit - idler transfer (RH)  
**8042355**

**End pan for drive unit - idler transfer (LH)**



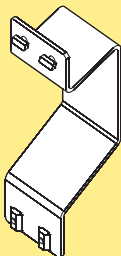
End pan for drive unit - idler transfer (LH)  
**8042356**

**Drip pan assembly kit drive RH - idler**



Drip pan assembly kit drive RH - idler  
**8042368**

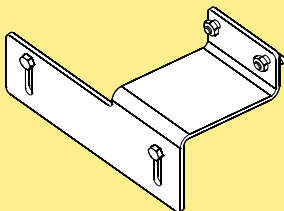
Support bracket drip tray



Support bracket drip tray  
(including fasteners)

**8042373**

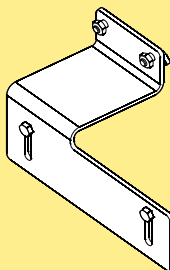
Support bracket drip tray



Support bracket drip tray  
(including fasteners)

**8042379**

Support bracket drip tray



Support bracket drip tray  
(including fasteners)

**8042380**

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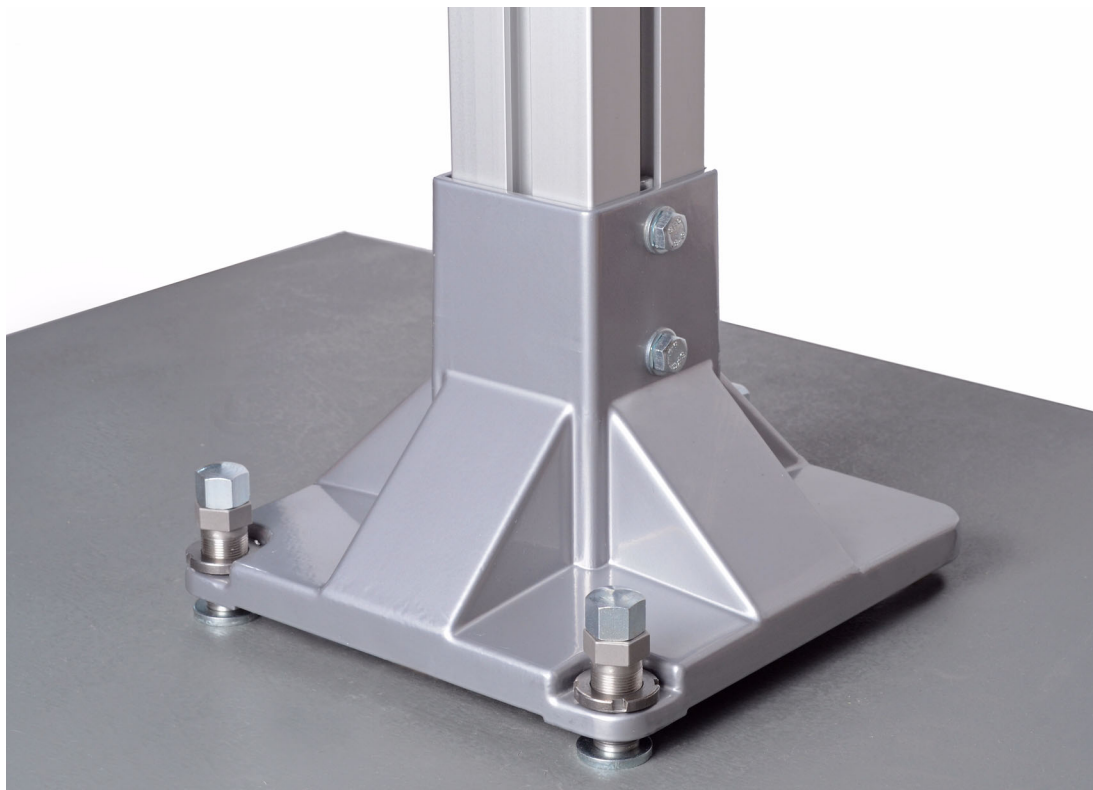
# Installation Aid

## Contents

Conveyor support levelling mechanism for  
die cast foot XCFF 64x210 and XCFF 88X260.....107

Technical Specification:.....108

## Conveyor support levelling mechanism for die cast foot XCFF 64x210 and XCFF 88X260



*FlexLink offers two height adjustment die cast feet for the levelling and alignment of conveyor support legs. The unit allows fine tuning of the support leg position via foot adjustment.*

*The mechanism includes the ability to drill and secure the support leg to the floor in its final position.*

### Standard features

- **Vertical and horizontal leg Adjustment:** Simple & accurate method of adjusting the vertical and horizontal alignment of the FlexLink die cast foot on both 64 & 88 support leg sections sizes.
- **Robust Design:** The system is robust Rigidity & stability of the support is maintained post installation
- **Clean design:** Support foot elevated from the floor allowing blow down to clear dust debris
- **Safety:** Safe design with no sharp edges or corners
- **Installation:** Simple installation to standard extrusion using standard tooling

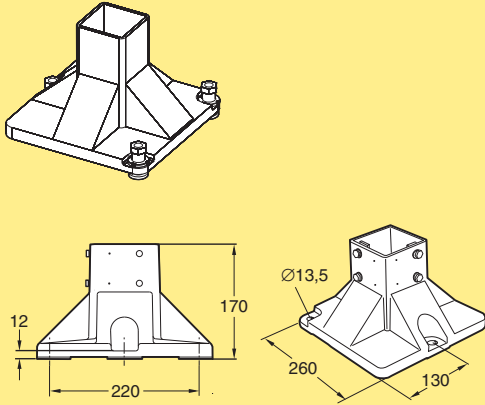
Please contact **EDS** on [eds@flexLink.com](mailto:eds@flexLink.com) if you wish to order a non standard unit

# Technical Specification:

## Materials:

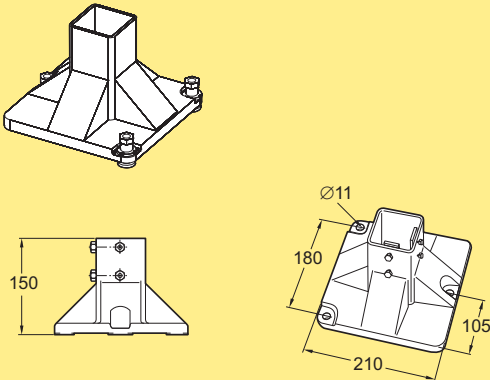
<b>Foot:</b>	Aluminium die- Cast
<b>Set Screw:</b>	Mild Steel, zinc plated
<b>Thrust Washer:</b>	Mild Steel, zinc plated
<b>Lock Nut:</b>	Mild Steel, zinc plated

### Conveyor support levelling mechanism for XCFF 88x 260



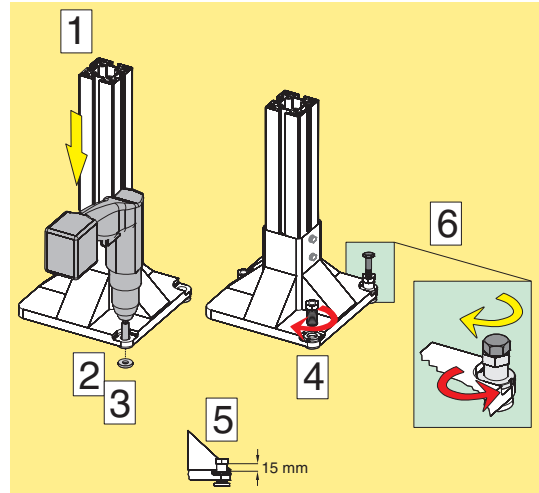
XCFF 88 x 260 Die cast foot with integrated adjusting mechanism **8043370**

### Conveyor support levelling mechanism for XCFF 64x210



XCFF 64x210 Die cast foot with integrated adjusting mechanism **8043371**

## Assembly Process:



- 1 Position support legs as required
- 2 Place thrust washer beneath foot in 3 positions
- 3 Drill holes in the floor
- 4 Insert bolt into foot
- 5 Adjust alignment of foot to the required alignment and tighten lock nut to secure position
- 6 Tighten floor bolt and secure head of bolt against the top of the adjusting mechanism

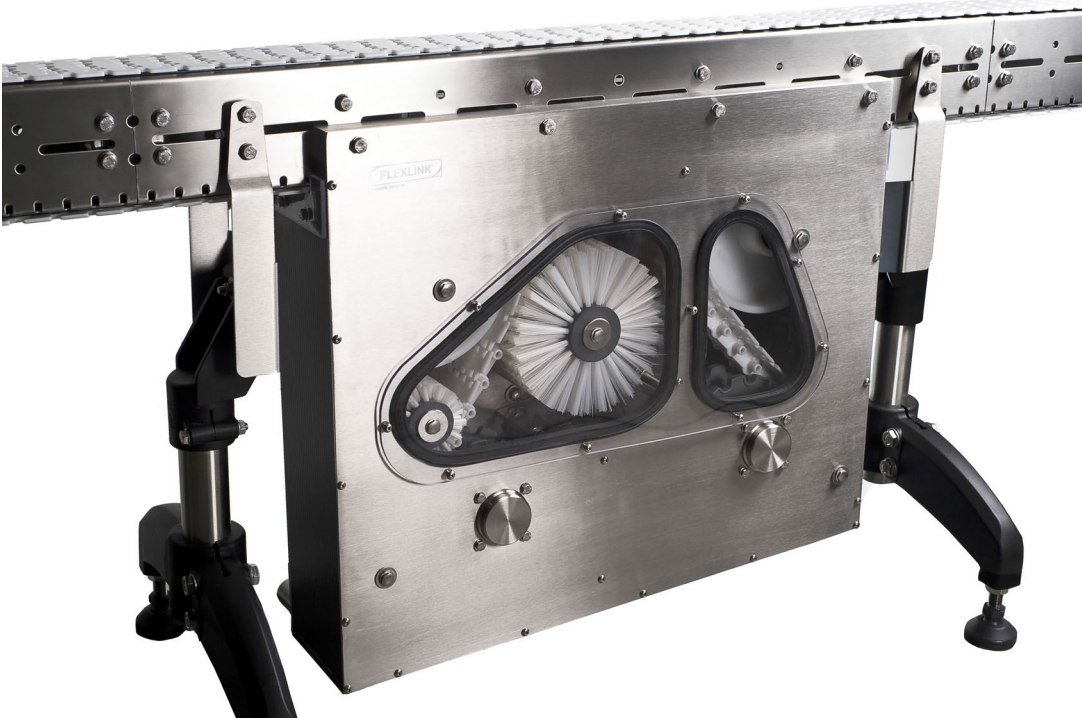


# Maintenance Aid

## Contents

Inline chain washer and dryer unit.....	109	Chain washer.....	112
System information.....	110	<b>Open idler for harsh environments</b> .....	<b>113</b>
Chain washer and dryer unit.....	110	Technical specification .....	114
<b>Chain washing unit</b> .....	<b>111</b>	Open idler units .....	114
System information.....	112		

## Inline chain washer and dryer unit



*The chain washing unit is designed to run continuously when working with production lines that have a high degree of product spillage. The result is a cleaner and dryer chain that allows longer production runs without the need for CIP or routine maintenance.*

The chain cleaner prevents product build up on the chain and allows continuous fault free running of the line without the need to stop the conveyor and remove the chain to clean by hand.

Supplied as a complete unit the washer/dryer can quickly be integrated into new conveyor lines or upgraded to existing conveyor lines in order to improve performance and reliability.

### Standard features

- **Robust** – the system is robust and designed to operate within harsh environment where spillages on the conveyor are highly likely.
- **Compact** – the unit will take up the smallest footprint possible.
- **Clean** – clean design with sloping faces and minimum areas for fluid or dirt to build up.
- **Safe** – fully guarded design.
- **Simple installation** – mount to conveyors using standard fittings.

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# System information

The washer/dryer unit is available for stainless systems XLX and X85X.

## Technical specification

- Minimum top of chain height ..... 700 mm
- Maximum conveyor length ..... 3 m
- Maximum conveyor speed ..... 50 m/min

## Operating requirements

### Water supply

Connection of water/cleaning system is made by G ½" internal thread connection. Max/Min flow rate required is 11–13,5 l/min.

### Air attachment

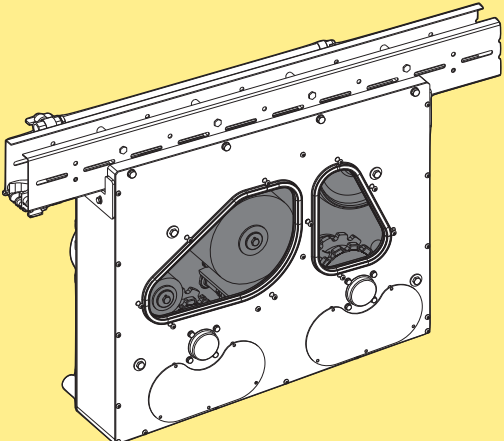
Connection of air system is made by G ½" internal thread connection. Air system requirements 6 Bar with a flow rate of 200 m³/h.

### Drainage/ Drying Vacuum

Vacuum attachment is made by Ø32 hose connection. Vacuum requirements are 23,5 kPa minimum with a vacuum of 2x56 l/second.

# Chain washer and dryer unit

**Chain washer and dryer unit**



Chain washer and dryer unit  
Conveyor system XLX                      **8042664**  
Conveyor system X85X                      **8042666**

*Note. 1 m long beam section*

**Note!**  
The chain washing unit cannot be used with an enclosed or guided type of conveyor drive unit.

**Spare parts**

Air nozzle large	<b>8043200</b>
Air nozzle small	<b>8042711</b>
Spray nozzle	<b>8042716</b>
Brush Ø80	<b>8042673</b>
Brush Ø180	<b>8042672</b>



***The inline chain washing unit is designed to run continuously when working with production lines that have a high degree of product spillage. The result is a cleaner chain that allows longer production runs without the need for CIP or routine maintenance.***

The chain cleaner prevents product build up on the chain and allows continuous fault free running of the line with the need to stop the conveyor and remove the chain to clean by hand.

Supplied as a complete unit the chain washer can quickly be integrated into new conveyor lines or upgraded to existing conveyor lines in order to improve performance and reliability

### Standard features

- **Robust** – the system is robust and designed to operate within harsh environment where spillages on the conveyor are highly likely.
- **Compact** – the unit will take up the smallest footprint possible.
- **Clean** – clean design with sloping faces and minimum areas for fluid or dirt to build up.
- **Safe** – fully guarded design.
- **Simple installation** – mount to conveyors using standard fittings.

# System information

The washing unit is available for stainless systems XLX and X85X.

## Technical specification

- Minimum top of chain height ..... 550 mm
- Maximum conveyor length ..... 3 m
- Maximum conveyor speed ..... 50 m/min

## Operating requirements

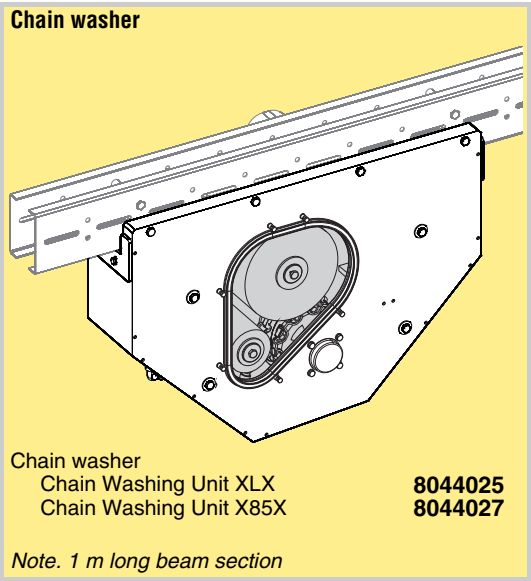
### Water supply attachment

Connection of water/cleaning system is made by G ½" internal thread connection. Maximum/Minimum flowrate required is 11–13,5 l/min.

### Drainage Vacuum

Vacuum attachment is made by Ø32 hose connection. Vacuum requirements are 23,5 kPa minimum with a vacuum of 2x56 l/second.

# Chain washer



**Note!**  
The chain washing unit cannot be used with an enclosed or guided type of conveyor drive unit.

Spare parts	
Spray nozzle	8042716
Brush Ø80	8042673
Brush Ø180	8042672



***FlexLink offers a range of open idler units for use in dusty/harsh environments. The open faces of the idler allow dust and debris built up during running the conveyor system to be removed from the conveyor at a convenient point.***

The open version of the idler end unit is designed for easy cleaning of the chain from inside and out. Its design also evacuates dust or debris from the conveyor whilst the conveyor is running. The open idler allows quick and easy cleaning of the conveyor chain by air blast. (Note appropriate PPE must be worn when performing this).

The unit is supplied as a complete module that can be integrated into any line new or existing conveyor line.

### Standard features

- **Robust** – The system is designed to operate within a production line with the same operating constraints as the existing standard idler unit.
- **Compact** – the unit takes up a minimum amount of space.
- **Clean** – clean design with minimal dust ingress or dirt build up areas.
- **Safe** – the idler is designed with safety in mind – although the sides of the unit are open all openings are covered by a clear polycarbonate cover.
- **Simple installation** – mount to conveyors using standard fittings.

## Technical specification

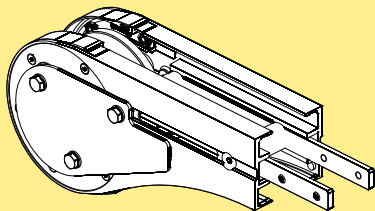
The open idler unit is available for the following conveyor systems: XL, X65, X85, XH and XK.

### **Important**

The open Idler units **must not** be operated without the safety guards being in position.

## Open idler units

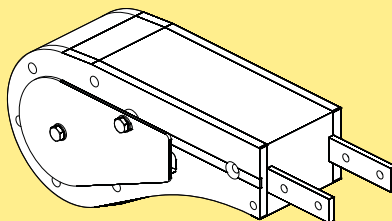
### Open idler unit, XL



Open idler unit

**8043600**

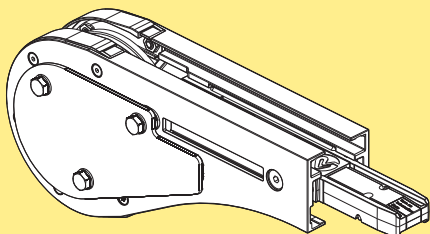
### Open idler unit, XH



Open idler unit

**8043602**

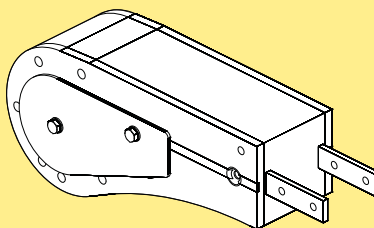
### Open idler unit, X65



Open idler unit

**8044106**

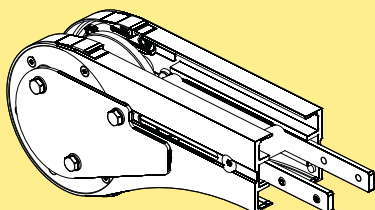
### Open idler unit, XK



Open idler unit

**8043603**

### Open idler unit, X85



Open idler unit

**8043601**

# Metal Detection System

## Contents

<b>Metal detector conveyor section .....</b>	<b>115</b>	Metal detector conveyor sections, XH .....	118
Technical specification .....	116	Metal detector conveyor sections, X85X .....	119
Assembly instructions .....	117	Chains .....	119
Metal detector conveyor section, X85 .....	118		

## Metal detector conveyor section



***FlexLink offers a range of inline metal detector conveyor sections where the detection of metallic objects in the product is required.***

These conveyor sections allow products to run on a line without having to transfer them onto specialist metal detecting conveyors – the FlexLink system provides complete line integration.

The unit is available in three different options to suit any specific customer requirements upon installation. It can be supplied in new installations or as an upgrade to existing installations.

### Standard features

- **Robust** – the unit is designed to operate within a production line without reducing the stability of the conveyor system.
- **Compact** – the unit takes up a minimum amount of space.
- **Clean** – the unit has a clean design with minimal dust ingress or dirt build up areas.
- **Simple installation** – mount to conveyors using standard fittings.

### Installation

Simple installation using standard fittings. Mounting holes are available on the side of each section for mounting guide rail brackets.

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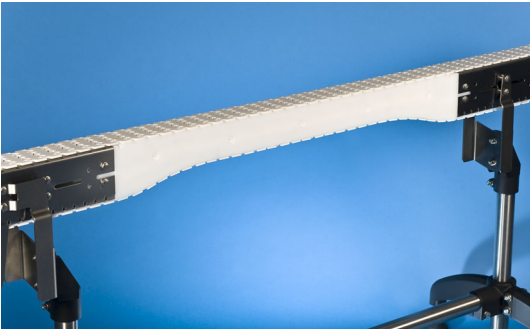
The metal detector section is compatible with the following conveyor systems: X85, X85X and XH. A special conveyor chain with plastic pins should be used, see ordering details “Chains” on page 119.

Configurations

**Configuration 1:** This configuration is the simplest with a straight section of plastic beam which will pass through the metal detector. Available for conveyor systems X85, X85X and XH.

**Configuration 2:** This configuration is designed to allow the top chain only to pass through the metal detector, allowing the return conveyor chain to bypass around the outside of the metal detector. This configuration is useful if transporting a tall product and the space within the metal detector unit is limited. Available for conveyor systems X85 and XH.

**Configuration 3:** This configuration is designed to allow the top chain only to pass through the metal detector when used in a top chain only conveyor section. This configuration is useful if transporting a tall product and the space within the metal detector unit is limited. Available for conveyor systems X85 and XH.



Configuration 1, X85X version

Operating parameters

Conveyor systems X85 and X85X

Max. conveyor speed.....	40 m/min
Max. chain tension limit.....	250 N
Max. conveyor length.....	3,8 m
Max. product weight.....	1 kg

Conveyor systems XH

Max. conveyor speed.....	40 m/min
Max. chain tension limit.....	250 N
Max. conveyor length.....	2,5 m
Max. product weight.....	1 kg

Note

Please note these are guidelines only for the conveyor design constraints – the important factor is that the chain tension limit is 250N.

When using the FlexLink chain tension calculator it should be noted in the conveyor calculator that the chain capacity should be no more than 20% of the standard chain capacity.



## Slide rail cutting

The beam sections have slots of different lengths at each end. Cut the slide rails to fit into these slots, and chamfer the slide rail edges as illustrated in fig 1.

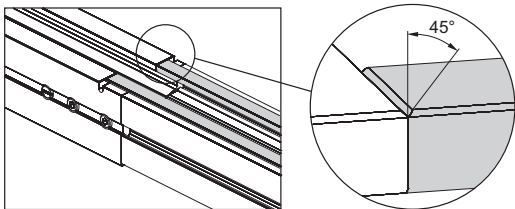


Figure 1. Slide rail cutting and chamfer

## Guide rail bracket attachment X85X

It is possible to attach guide rail brackets at five different locations along the beam section as shown in fig 2.

*Note!* Some guide rail brackets might have two t-slot guides that have to be cut off to make it fit to the plastic beam section.

Remove the plastic screws at the point where you choose to attach the guide rail bracket.

Do not use the same plastic screws to fasten the guide rail brackets since these screws will be too short. Instead use a similar but longer polyamide screw. The recommended screw for most guide rail brackets is DIN 84 M8x30 shown in fig 3.

It is important not to use metal screws to fasten the guide rail brackets; this will damage the plastic threads in the connecting plate.

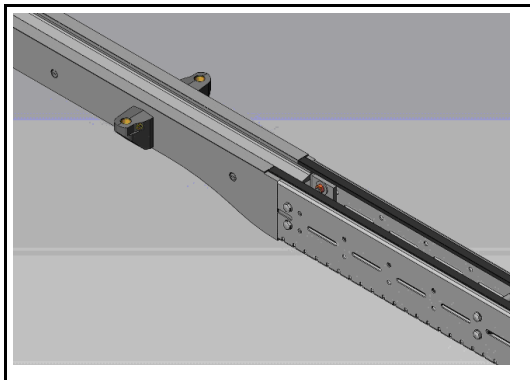


Figure 2. Guide rail bracket attachment

## Guide rail bracket attachment X85 and XH

It is possible to attach guide rail brackets at five\* different locations along the beam section.

Remove the plastic screws at the point where you choose to attach the guide rail bracket.

Do not use the same plastic screws to fasten the guide rail brackets since these screws will be too short. Instead use a similar but longer polyamide screw. The recommended screw for most guide rail brackets is DIN 84 M8x30 shown in fig 3.

It is important not to use metal screws to fasten the guide rail brackets; this will damage the plastic threads in the connecting plate.

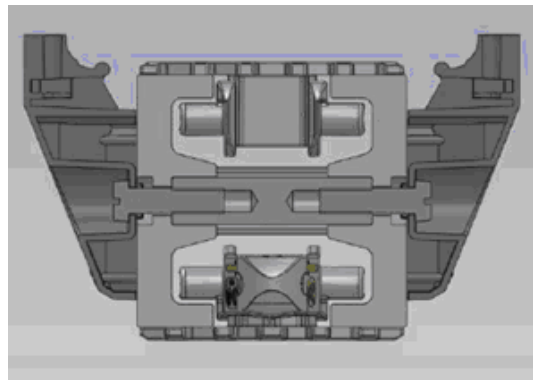
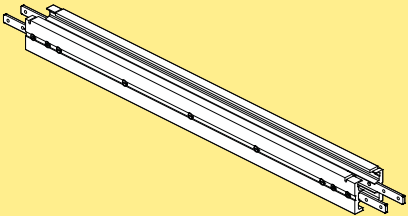


Figure 3. DIN 84 M8x30 screws

\* Beam sections for configuration 2 have seven attachment points.

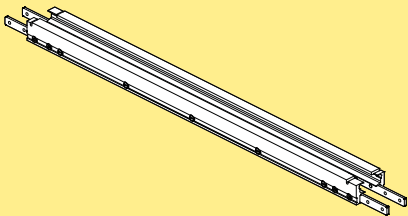
**Metal detector conveyor section, X85**

**Metal detector conveyor section**



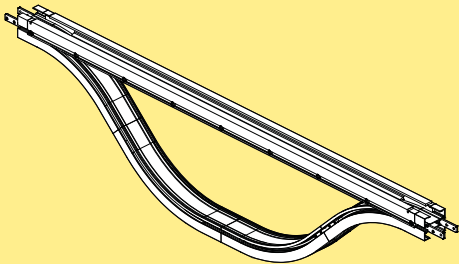
X85 configuration 1 **8042418**

**Metal detector conveyor section**



X85 configuration 3 **8042420**

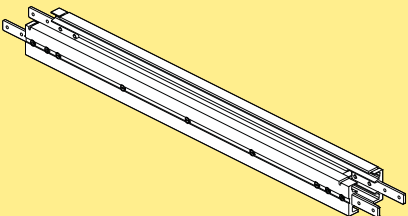
**Metal detector conveyor section**



X85 configuration 2 **8042419**

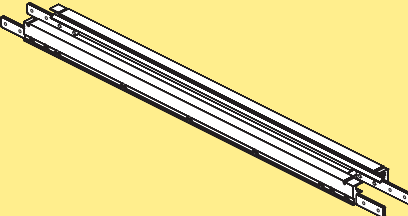
**Metal detector conveyor sections, XH**

**Metal detector conveyor section**



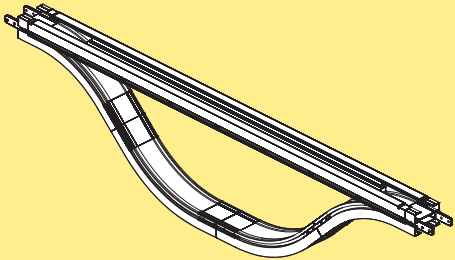
XH configuration 1 **8042421**

**Metal detector conveyor section**



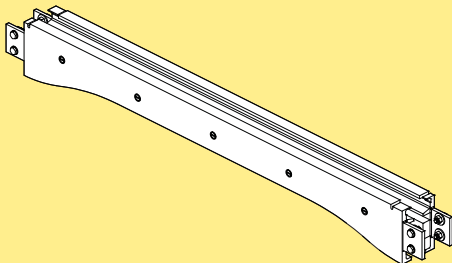
XH configuration 3 **8042423**

**Metal detector conveyor section**



XH configuration 2 **8042422**

Metal detector conveyor section

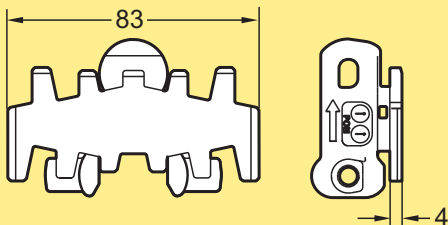


X85X configuration 1

8042429

Chains

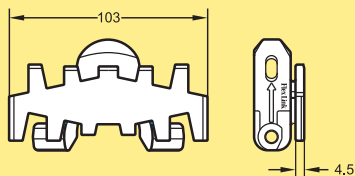
Plain chain, X85



Plain chain with plastic pins

Z-5988467

Plain chain, XH



Plain chain with plastic pins

Z-5980071

Ordering information

Contact your local FlexLink sales unit for quotation and delivery time of the conveyor chains.

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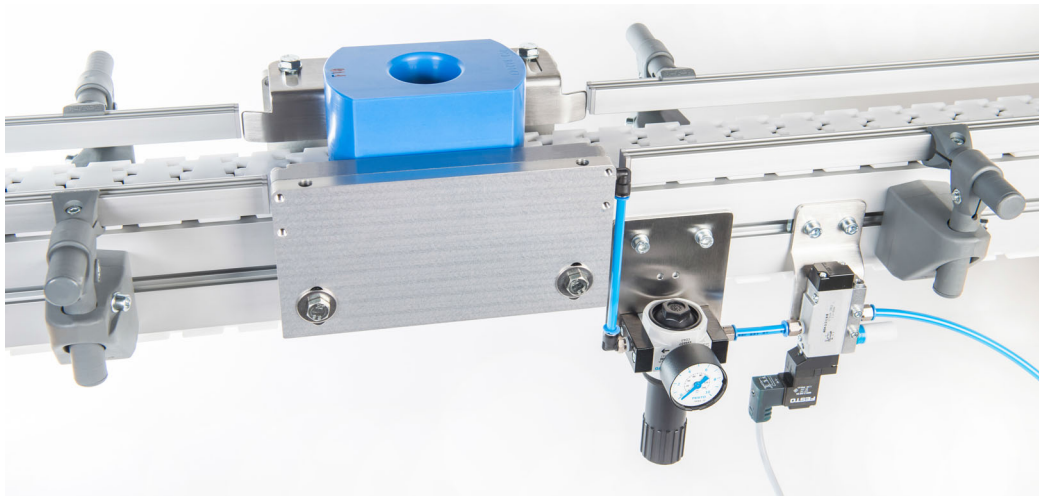
# Pneumatic Pack Clamp

## Contents

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Pneumatic Product Clamp .....	122

Pneumatic Product Clamp (Mechanical only) .....	122
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## Product Clamp



*FlexLink EDS offers a Pneumatic pack clamping unit. The unit allows side clamping of products when on a conveyor line. The unit is designed for in-line clamping of products and allows the holding of product in a queue in the event of a line shutdown.*

### Standard features

- **Width Adjustment:** The width of the pack clamp can be adjusted to suit a range of different products
- **Pressure Adjustment:** The clamping pressure of the unit can be adjusted to suit sensitive products.
- **Robust Design:** The system is robust and designed to avoid operate interface apart from setting up the position
- **Clean design:** Clean design with minimal dust or dirt ingress
- **Installation:** Simple installation to standard conveyors using standard fittings
- **Safety:** Safe design
- **Compact:** The unit will is small and compact.

### Installation

The unit is available in kit format and includes pneumatic fittings, fittings for attachment to the conveyor, pressure regulator and operating valve (including lead).

## Technical Specification

### FlexLink conveyor compatibility:

- X65 Conveyor system
- X85 Conveyor system

### Product Specification

Maximum / Minimum product width:

X65: 85 mm - 55 mm

X85: 105 mm - 75 mm

The unit is designed for rectangular, square or round products

### Operating parameters

Maximum operating pressure - 6 Mpa

Maximum queue pressure:

7 kg ..... 2 bar

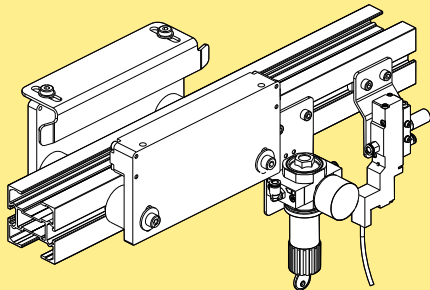
15 kg ..... 4 bar

25 kg ..... 6 bar

There are two different configurations of Pressure Regulator, one that can be locked to prevent operator interference and one inline unit.

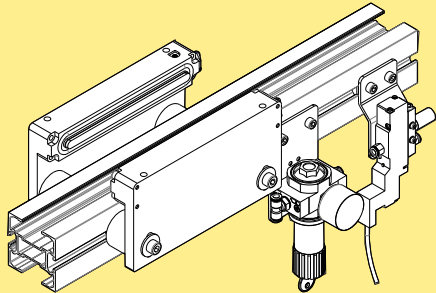
**Pneumatic Product Clamp**

**Pneumatic clamp (Including lockable regulator and control valve)**



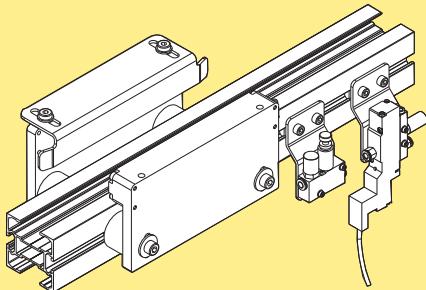
Pneumatic clamp  
(Including lockable regulator and control valve) **8044107**

**Pneumatic clamp, double sided**



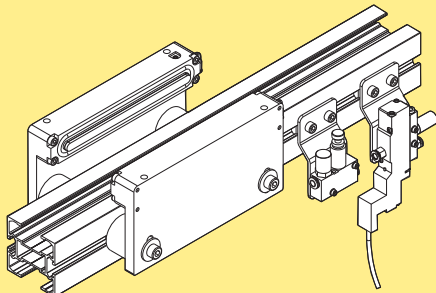
Pneumatic clamp, double sided: **8044159**  
(Including in- line regulator and control valve)

**Pneumatic clamp (Including in- line regulator and control valve)**



Pneumatic clamp **8044108**  
(Including in- line regulator and control valve)

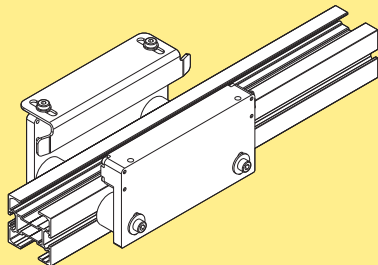
**Pneumatic clamp, double sided**



Pneumatic clamp, double sided **8044160**  
(Including in- line regulator and control valve)

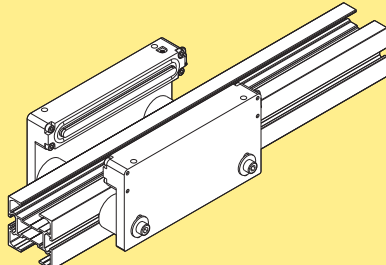
**Pneumatic Product Clamp (Mechanical only)**

**Pneumatic clamp (Mechanical only)**



Pneumatic clamp **8081020**

**Pneumatic clamp, double sided (Mechanical only)**



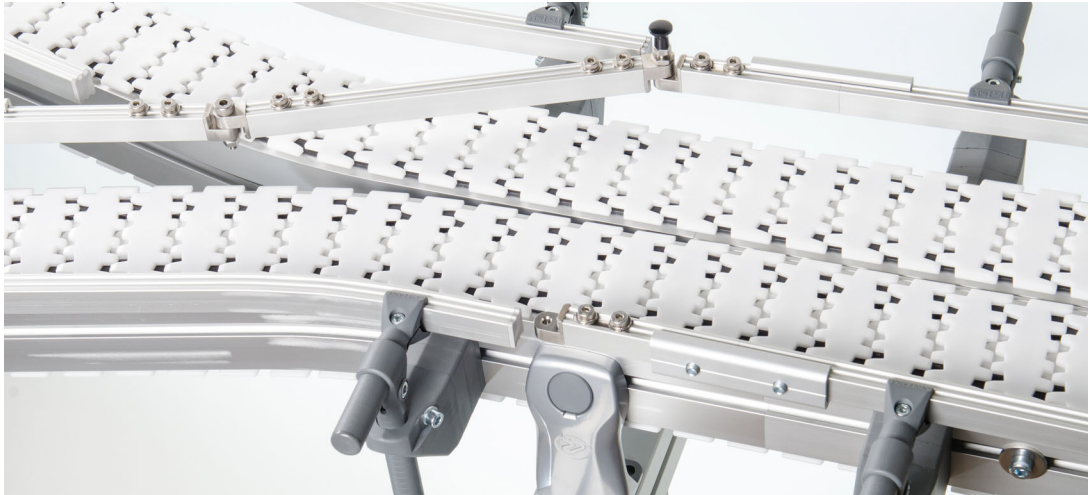
Pneumatic clamp double sided **8081021**

# Guide Rail hinge system

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## Manual guide Rail Divert system



***FlexLink offers a mechanism for the manual movement of guide rails between different positions for diverting products between different conveyor lanes.***

The unit features an inline hinge allowing the movement of one guide rail between positions allowing products to be diverted without the need for any Control system

### Standard features

- **Benefits:** Design allows continual running of the conveyor line without the need to stop the conveyors when changing product direction.
- **Compact Design:** The unit is both modular and compact. The unit is supplied as a complete module that can be integrated into any line new or existing.
- **Robust Design:** The system is robust and designed to operate within a production line without reducing the stability of the conveyor system
- **Divert angle:** Divert allows the movement of products across conveyors at the required angle

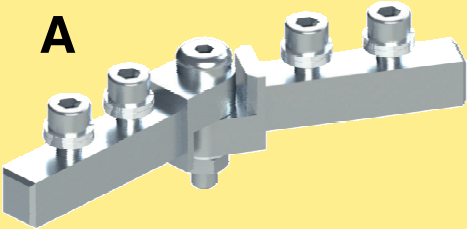
### Installation

Simple installation to standard conveyors using standard fittings.

Guide Rail Hinge mechanism

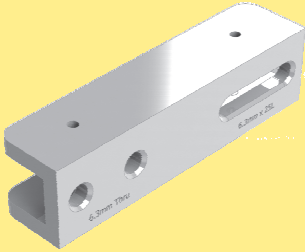
Guide Rail Hinge

A



Guide Rail Hinge 8085982

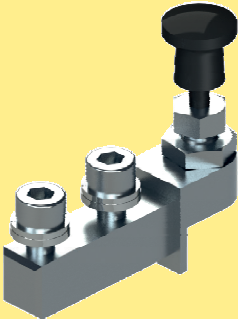
Drilling Jig



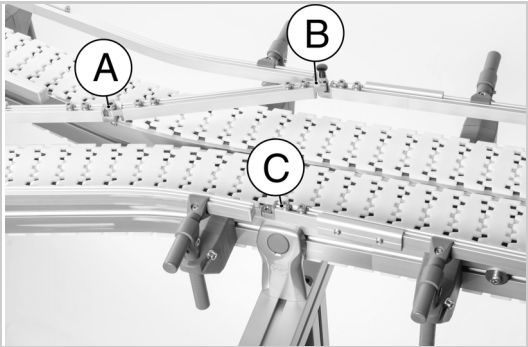
Manual Guide Rail Drilling Jig 8085987

Spring loaded Locking Arm mechanism

B

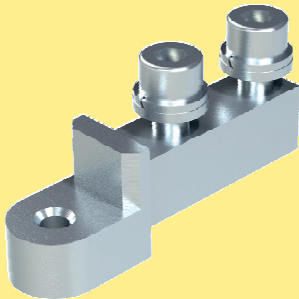


Spring loaded Locking Arm mechanism 8085986



End Position Location

C



End Position Location 8085985



# Overhead Merging module

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## Overhead Merging module



***FlexLink offers an overhead merging unit that allows the merging of two lanes of products into one lane. The unit allows a range of products up to a maximum production rate of 400 products per minute.***

### Standard features

- Height Adjustment:** Height can be adjusted to suit a range of different product heights.
- Compact Design:** The unit is both modular & compact. The unit is supplied as a complete module that can be integrated into any line new or existing.
- Robust Design:** The system is robust and designed to operate within a production line without reducing the stability of the conveyor system and without operator interface.
- Smooth Product Handling:** Smooth Product merge with minimal supervision required by the operator.
- Clean Design:** Clean design with minimal dust ingress.

- Installation:** Simple installation to standard conveyors using standard fittings.
- Non standard units:** Non Standard version of the merging unit are available please contact: [EDS@flexlink.com](mailto:EDS@flexlink.com) if you have a nonstandard RFQ for this device.

PO  
PT  
PR  
PGS  
CAS  
DTS  
IA  
MA  
MDS  
PC  
PD  
PM  
IDX

### Functional Description

The unit is designed to merge two lanes of Product together without the need for any external Control signals. The unit is mechanical in design and self-regulating, so no external electrical or pneumatic controls are required. The unit ensures that packets are merged into one product stream without jamming.\*

**\*See Notes on operating parameters**

### FlexLink Conveyor Compatibility

XL Conveyor system

X65 Conveyor system

X85 Conveyor system

### Standard plain chain or flocked

The unit is designed to function on either plain or flocked conveyor chain.

### Product specification

#### Minimum/Maximum product height:

XL: 10 mm - 65 mm

X65: 10mm - 65 mm

X85: 10 mm - 60 mm

#### Minimum/Maximum width:

Max Product width: 80 mm

#### Minimum/Maximum pack weight:

Minimum Pack weight: 25 g

Maximum Pack weight: 250 g

### Operating parameters

#### Product gap

The merge unit is designed to work with gaps between the products, however it can operate with queues of product. It should be noted the ideal running situation should be with gaps of free flowing product into the merge. If the system runs with long queues of product it is likely that the merge will not be efficient as the queue will prevent both sides of the infeed conveyors merging into one lane

### General conveyor guide rail arrangement



The merge unit is designed to work with a special guide rail arrangement that allows the product to merge together. If the angled guide rail arrangement is at too steep an angle then the product will turn on the rail and not merge.

It is recommended to use a Guide rail cover in this area.

#### Note!

Dimensions may vary dependent on pack size.

### Functional operation

The packet merge module consists of two interlocked arms which are placed in the product paths, forming a go/no-go system.

When product moves freely under one arm, it locks shut the other track and prevents products coming through. Once the product on the first track is through the merge unit, the arm lowers and the production on the second track is free to move forwards.

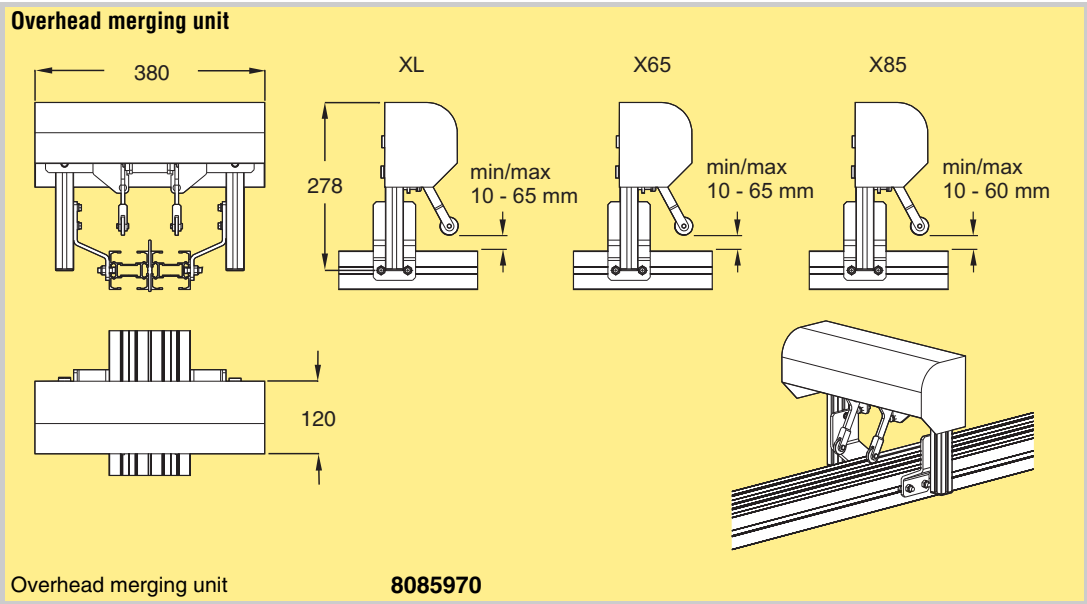
Thus packets are automatically fed into the same track with no danger of jams occurring.

The unit operates with a production flow of free - flowing products - in the event that any downstream conveyors or equipment stops then the flow of products on the conveyor must be controlled.

The products that have passed through the merge unit will accumulate against the downstream stoppage and build back towards the merge unit.

A photo-eye must be positioned across the conveyor approximately 1000mm in front of the merge unit such that when the photo eye becomes covered the conveyors stop immediately to prevent build back into the merge area.

Overhead merging unit





# Product index

## Product designations in alphanumeric order

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