



Conveyor Solutions CS114



Secondary Packaging
Product Catalogue

“Whatever your logistic needs,
we can offer a conveyor solution.
Our flexible systems – primary
and secondary packaging –
for single and multi packages,
can transport your goods from
one end to another.”

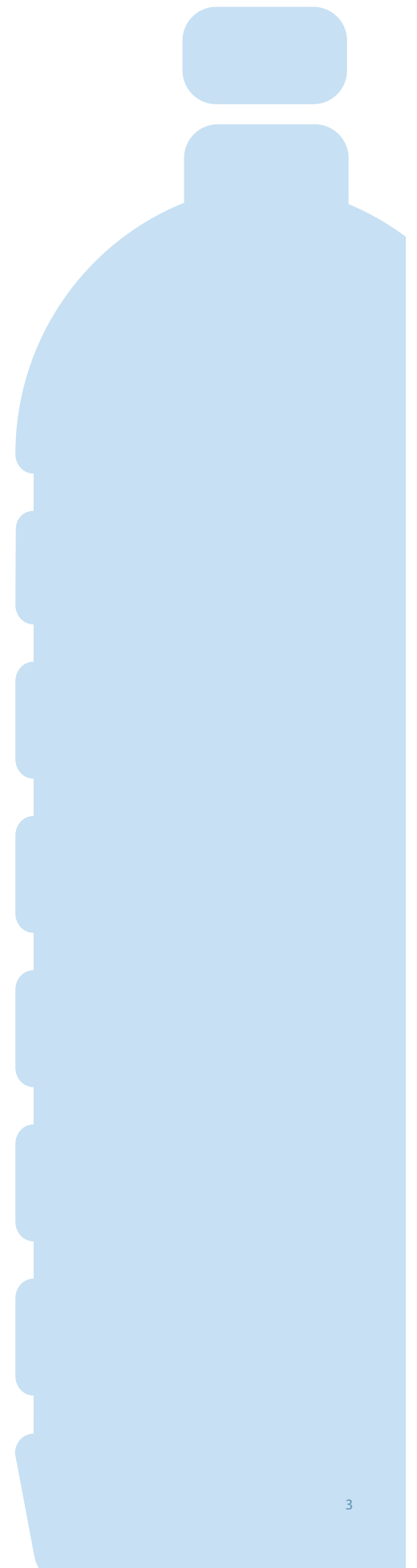


Fredriksons conveyor systems handle goods with a width from 20 mm up to 600 mm.

Conveyor Solutions for your material handling needs

Fredriksons offers a single source of integrated conveyor solutions for a variety of industries. We provide complete solutions, from development to production, automation solutions, software, installation and service. Our product portfolio consists of package conveyors, vertical conveyors, accumulators, elevators and supporting equipment for transporting primary and secondary goods. Our customers are leading companies worldwide who need advanced, cost-effective packaging equipment and reliable deliveries.

- Cost effective conveyor systems that give years of reliable service
- Robust and expandable construction
- Easy to install, clean and maintain
- High speed, up to 120 metres per minute
- Few standard components minimises spare parts
- Patented solutions



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Secondary Packaging System

Our conveyors are based on a stainless steel body with low friction slide rails guiding and plastic multi-flex chain. Products to be conveyed travel directly on a conveyor, or on pallets/carriers. Products handled have a weight from a few grams up to 50 kg.

Material			
Stainless steel	EN 1.4301	ASTM 301	SS2333

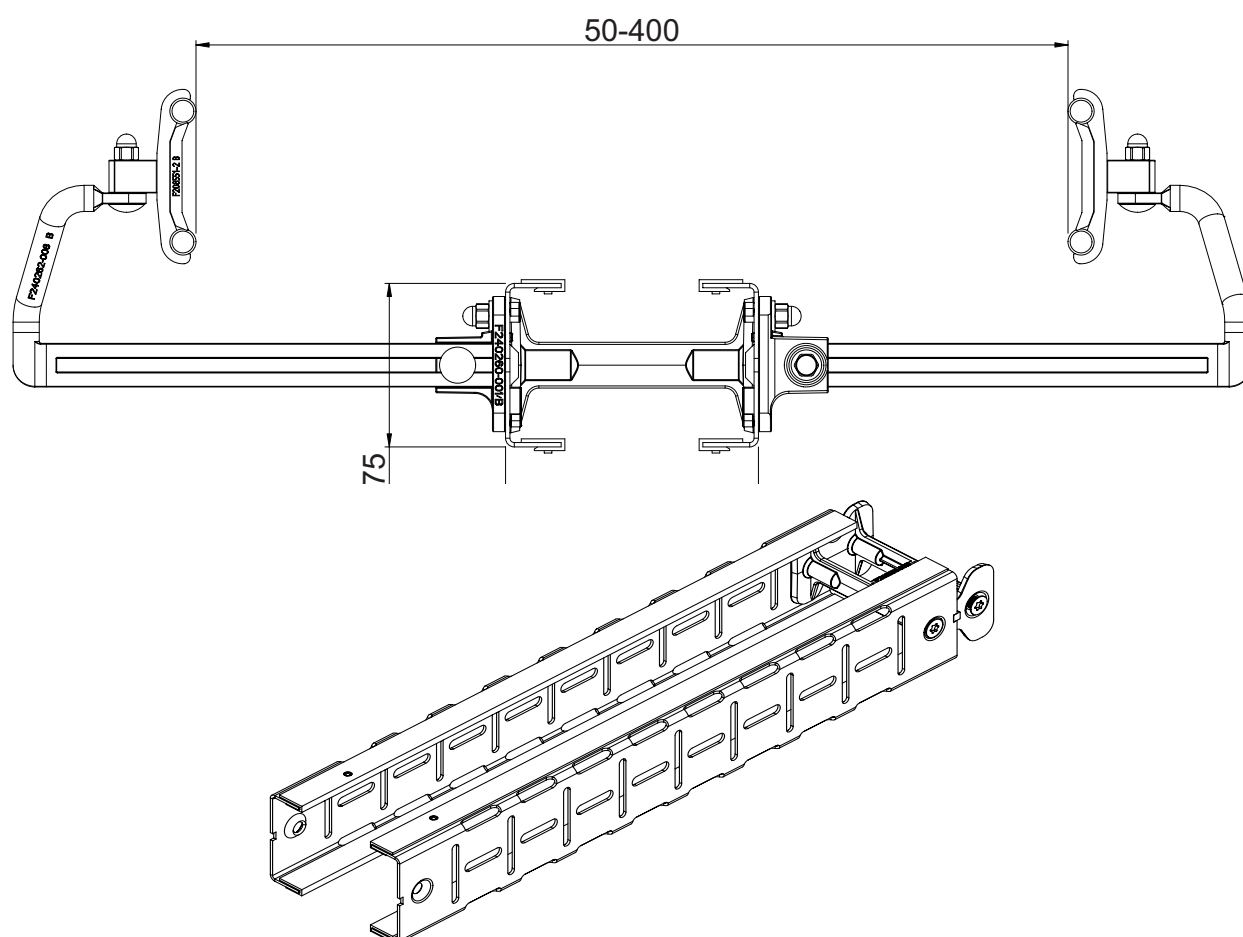


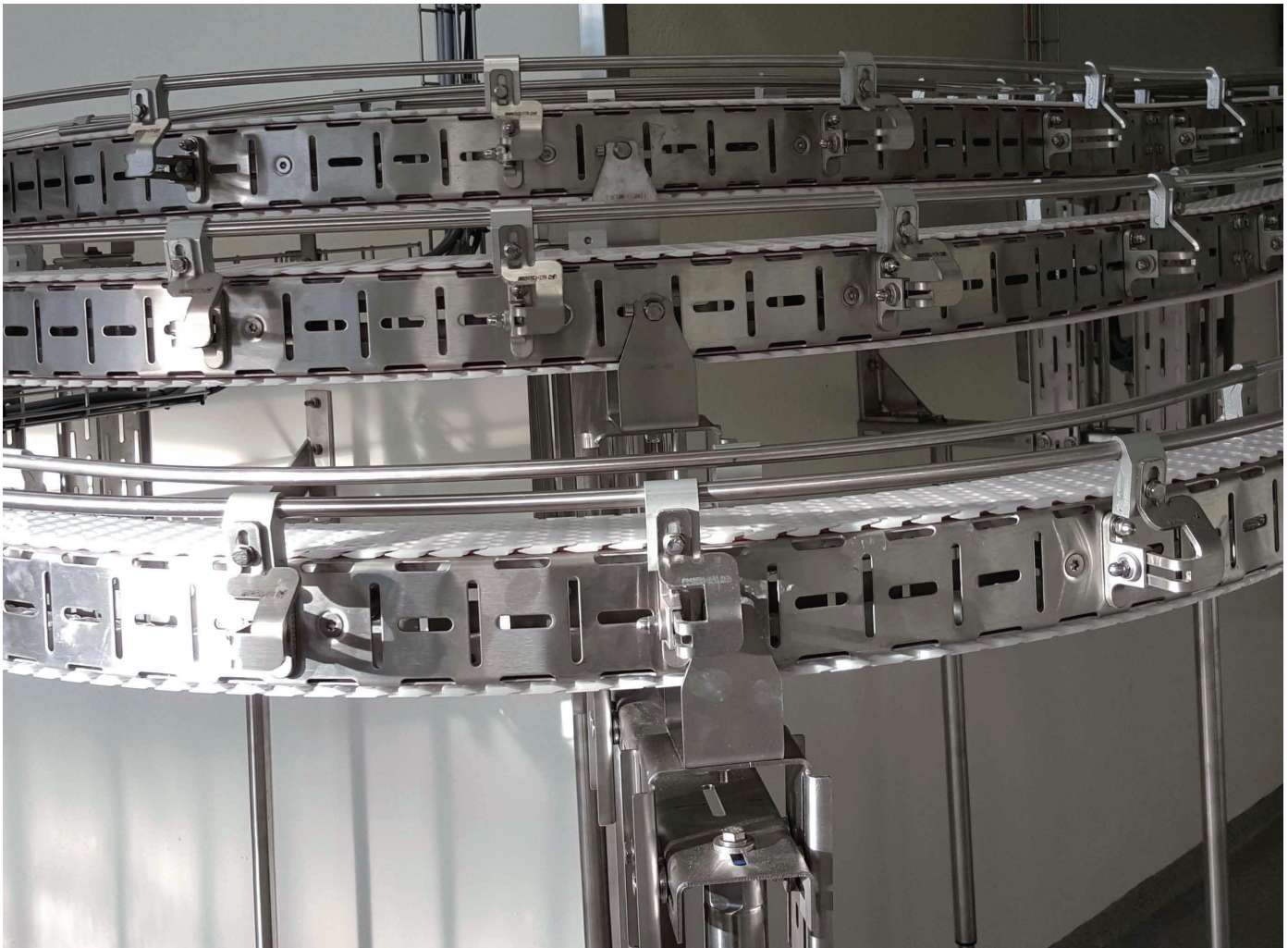
Our conveyor system for secondary packaging, CS114, has a superior hygienic design. The side plates of the conveyor body have been designed with extra holes to facilitate easy cleaning, inspection and draining.

The conveyor width is adjustable from 50-400 mm. Recommended rail width is package width + max 10%, max 6 mm. CS114 has a solid, robust construction and can easily be adjusted to particular needs.

Our conveyor systems are flexible and can be customised according to customer requests and needs.

We offer different railing solutions depending on your needs. See picture below for rail width samples.





Cost and Environmental Efficiency in Our Systems

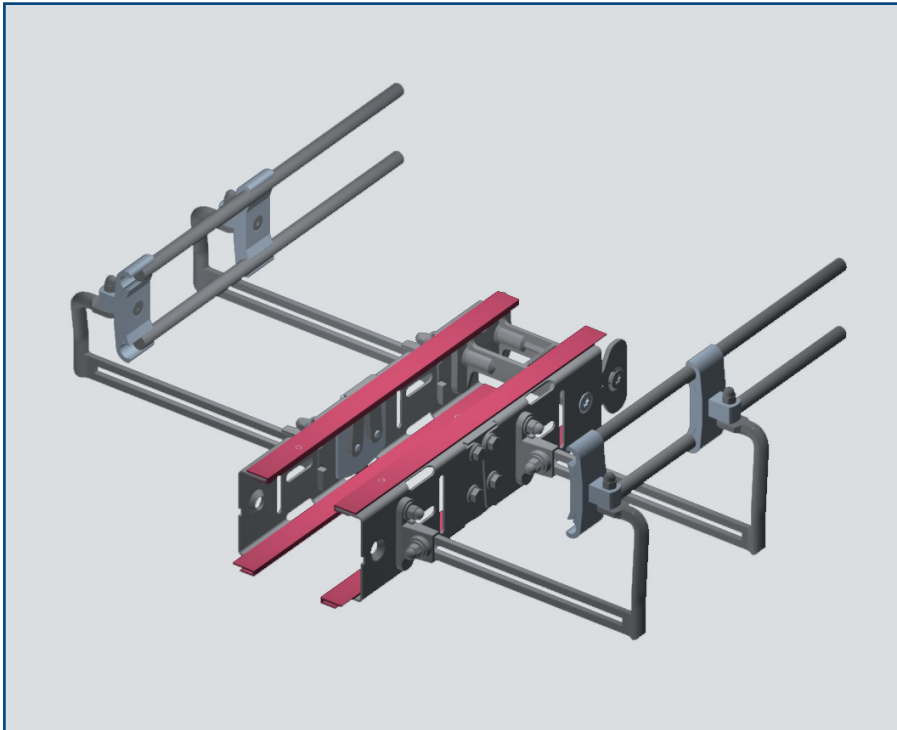
In a complete conveyor system it is important not to exceed the distance between drive and end unit. The table below shows the different component values equal to the resistance compared to a straight conveyor. The total length of the components between drive and end unit must not exceed for single packs: 20 m.

Component	Length (m)
Straight conveyor	3.0
Drive unit	0.75
Drive and End unit	1.0
End unit	0.5
Glide Curve 15°	2.0
Glide Curve 45°	2.5

Due to environmental considerations we recommend wheel curves before glide curves. A lower friction reduces the energy consumption and wear.

Product Range

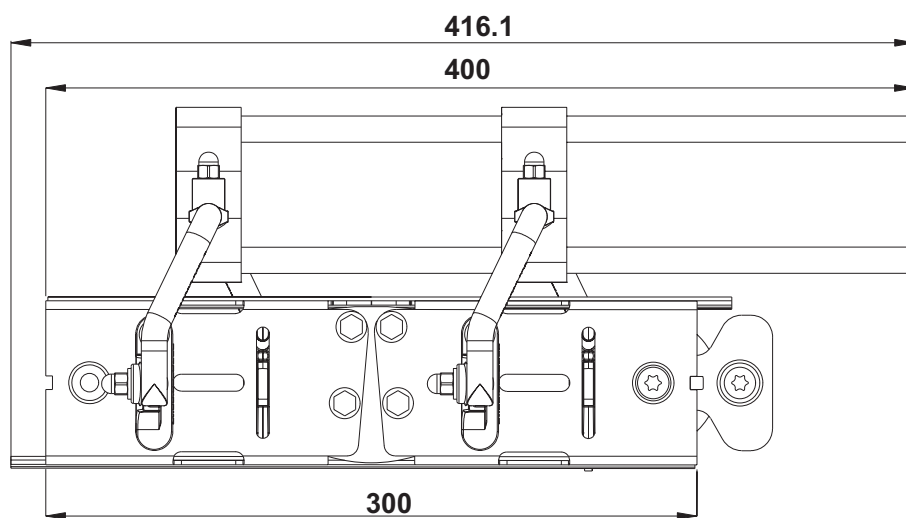




Vertical Bend

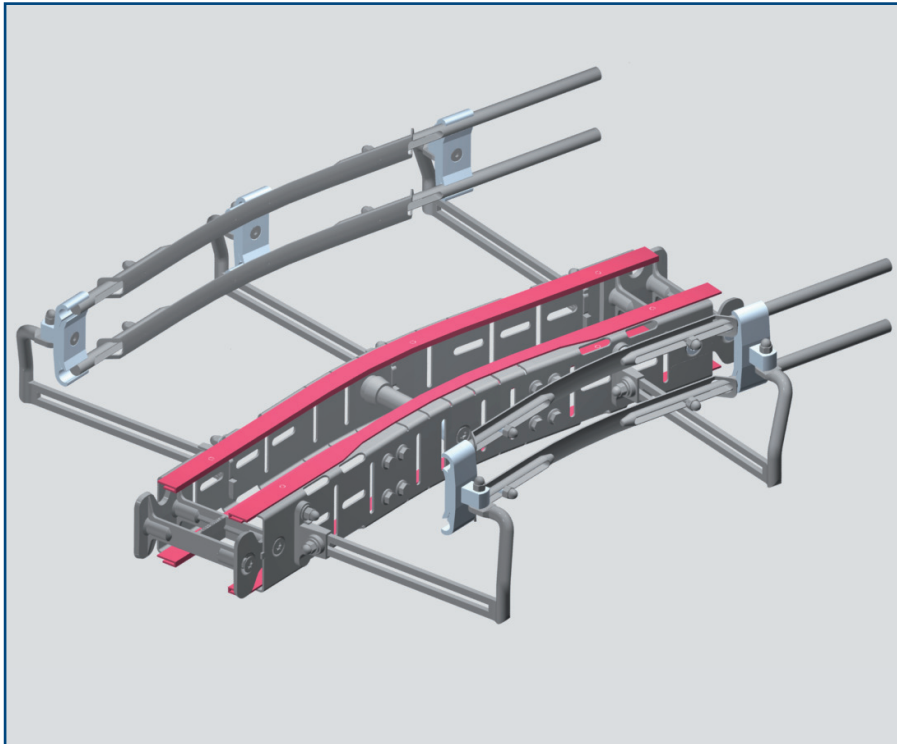
$\pm 10^\circ$

Fredriksons Vertical bend is used for raising or lowering the conveyor. Proper incline angle is $\pm 10^\circ$.



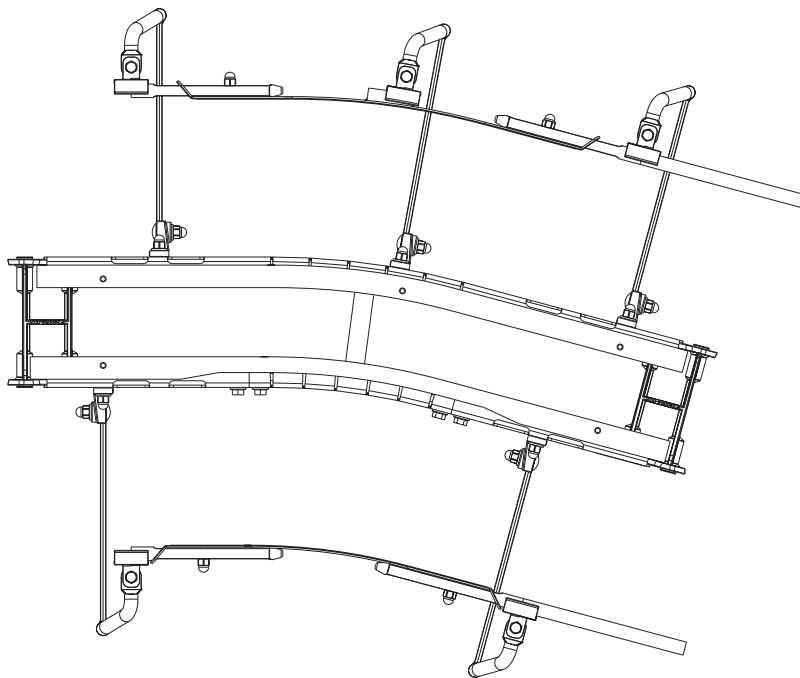
(mm)

Part number	Variant Rail	Railing width mm	Chain Length m	Weight kg
F240135-0240-00	Double rail	50-400	0.6	3.1
F240135-0290-00	Single rail	50-400	0.6	3.1

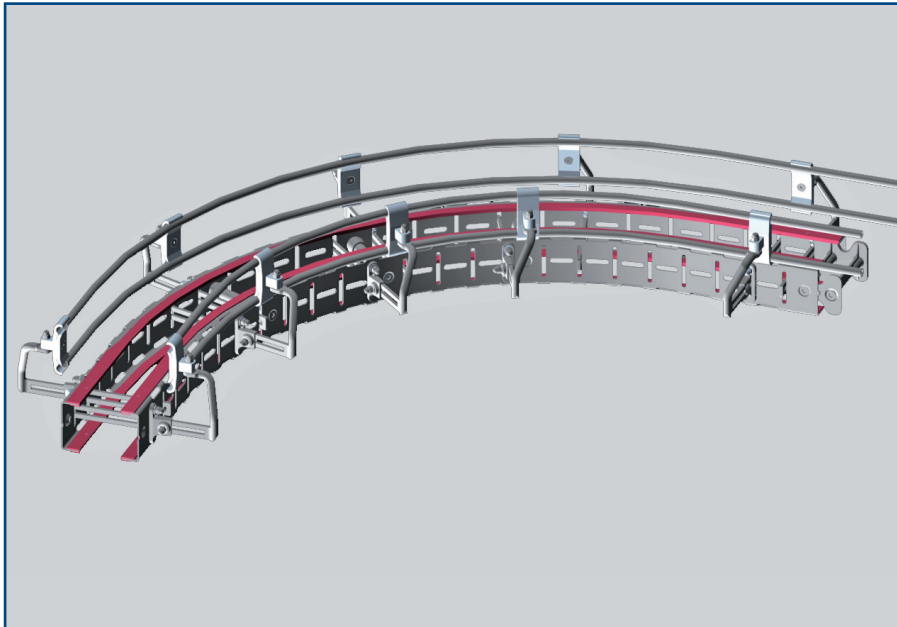


Adjustable Glide Curve

Fredriksons Adjustable Glide Curve is an excellent choice for smooth turns between 0-15°.



Part number	Railing width mm	Chain Length m	Weight kg
F240140-0240-00	50-400	1.2	3.4



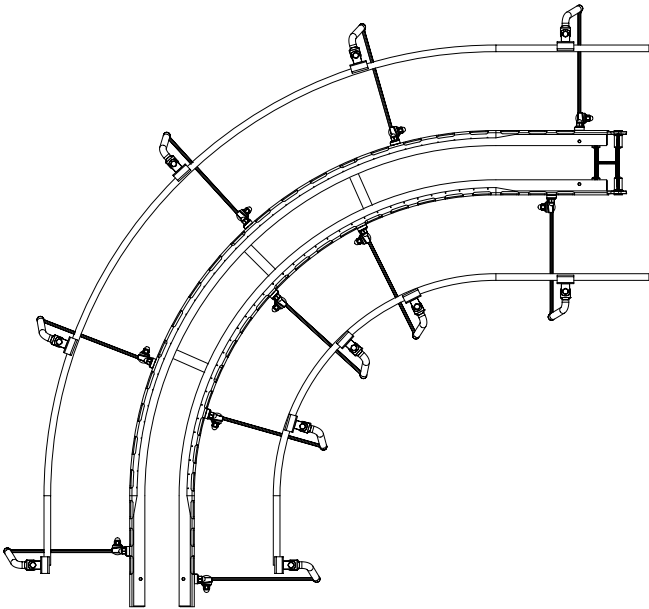
Glide Curve

Fredriksons Glide Curves are available in the fixed angles 15°, 30°, 45° and 90°.

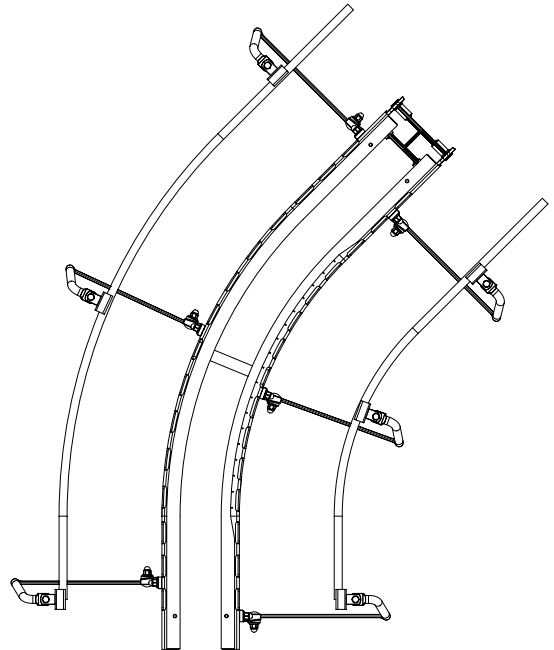
Part number	Variant Rail	Variant	Chain Length m	Weight kg
F240106-0240-xxx*	Double	90	2,8	11.5
F240106-0290-xxx*	Single	90	2,8	11.5
F240107-0240-xxx*	Double	45	1,8	7.2
F240107-0290-xxx*	Single	45	1,8	7.2
F240108-0240-xxx*	Double	30	1,5	6.2
F240108-0290-xxx*	Single	30	1,5	6.2
F240109-0240-xxx*	Double	15	1,2	5.1
F240109-0290-xxx*	Single	15	1,2	5.1

* xxx indicates rail width

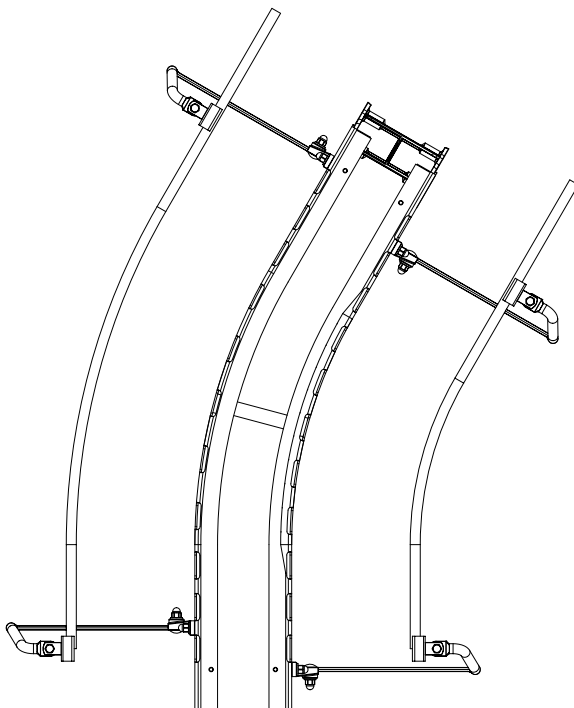
90°



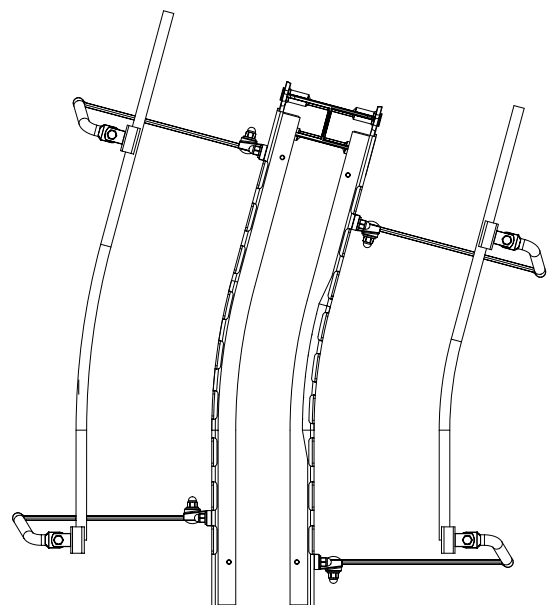
45°

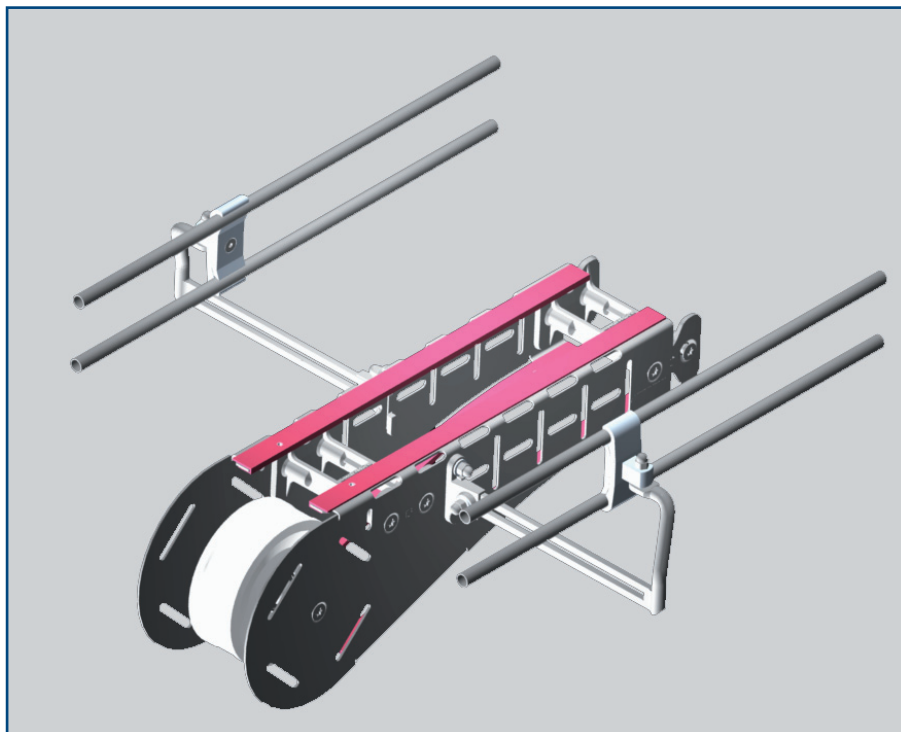


30°



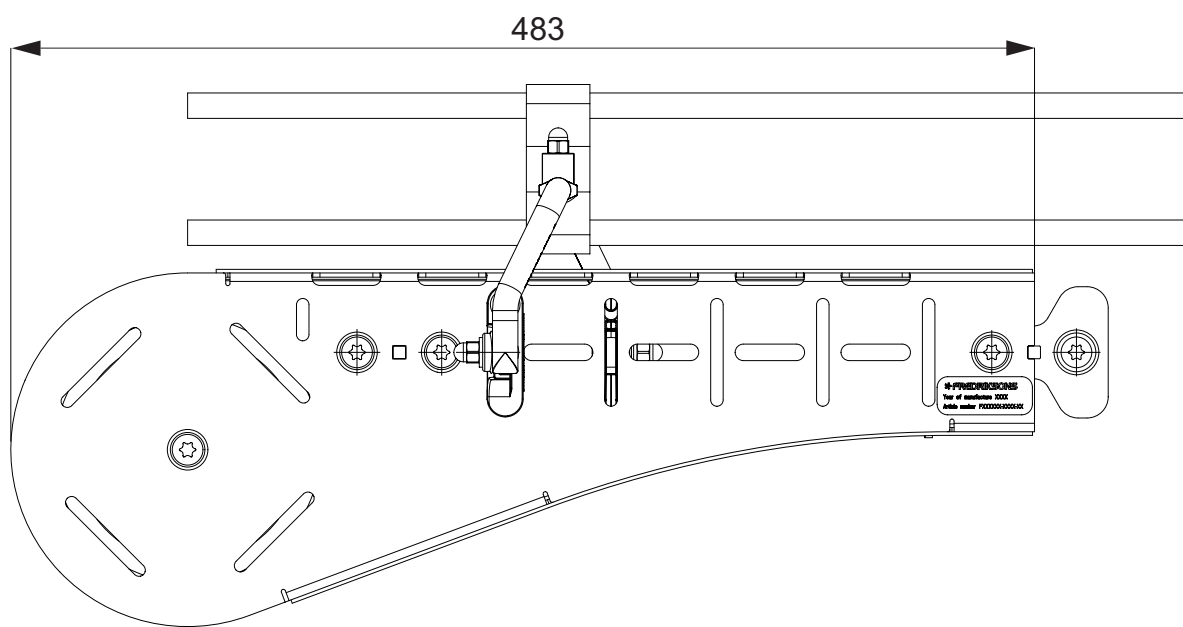
15°





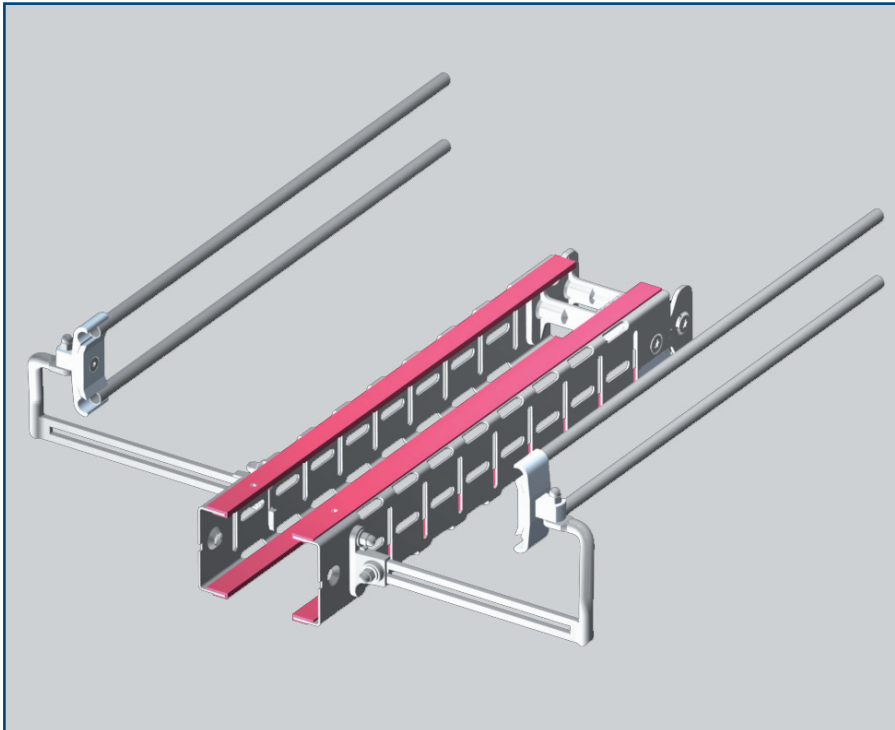
End Unit

Fredriksons End Unit together with CS114 chain provides a safe area without trapping risks.



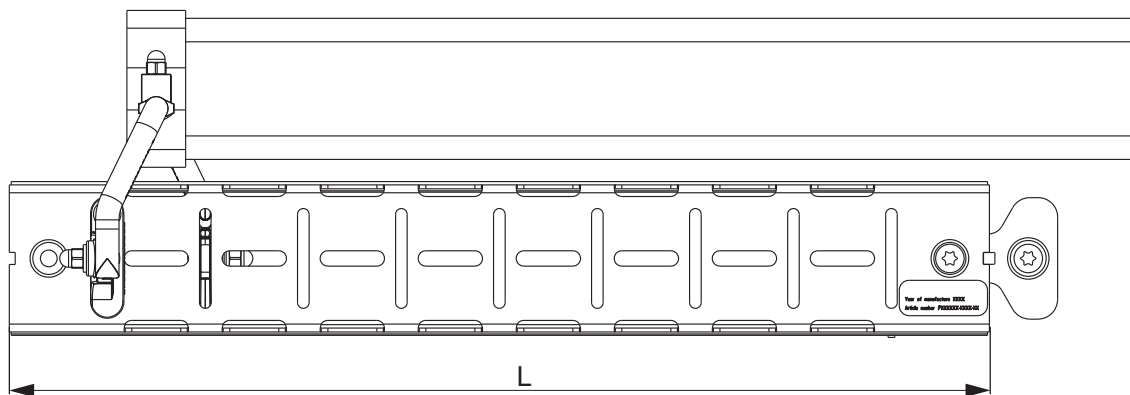
(mm)

Part number	Variant Rail	Railing width mm	Chain Length m	Weight kg
F238452-0240-00	Double	50-400	1.1	5.3
F238452-0290-00	Single	75-140	1.1	4.8



Straight Conveyors

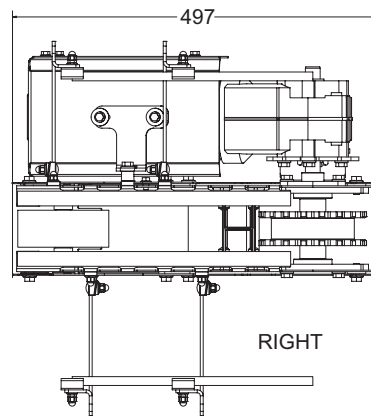
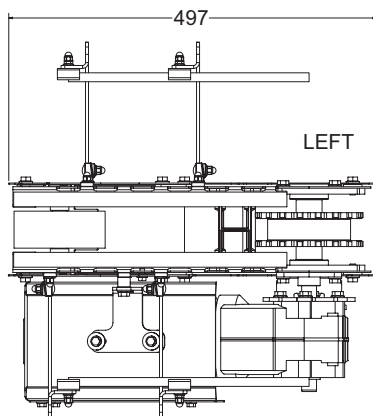
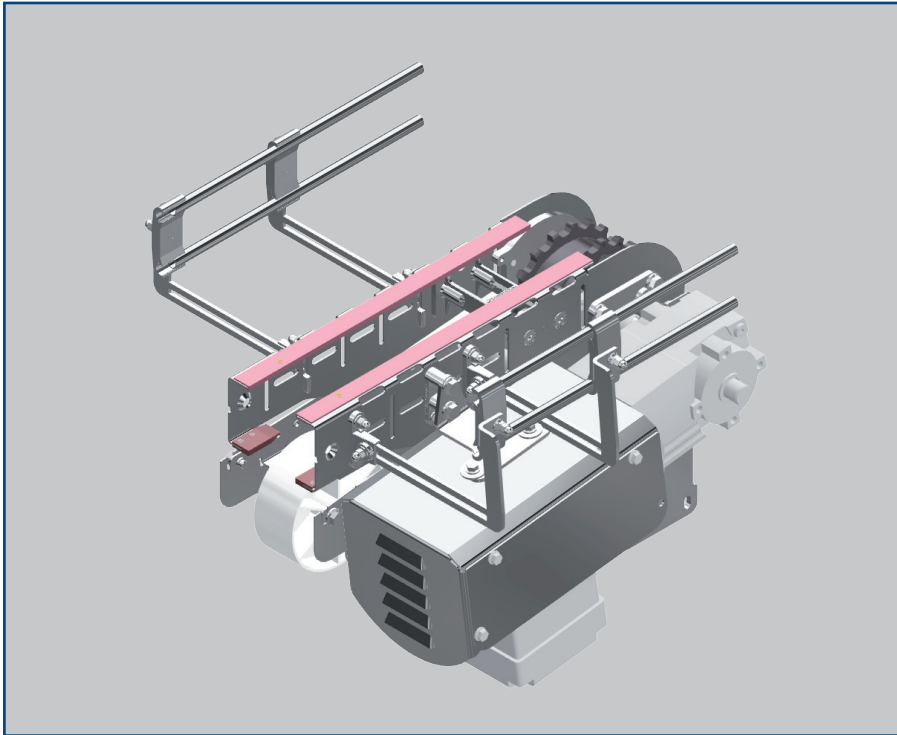
Fredriksons Straight Conveyor is available in lengths, 250, 500, 1000 and 3000 mm.



Part number	Variant Rail	Length L mm	Railing width mm	Chain Length m	Weight kg
F238423-0240-00	Double	1000	50-400	2	6.3
F238423-0290-00	Single	1000	75-140	2	5.5
F238424-0240-00	Double	3000	50-400	6	17.4
F238424-0290-00	Single	3000	75-140	6	15
F240218-0240-00	Double	250	50-400	0.5	2.5
F240302-0240-00	Double	500	50-400	1	3.6
F240302-0290-00	Single	500	75-140	1	3.1

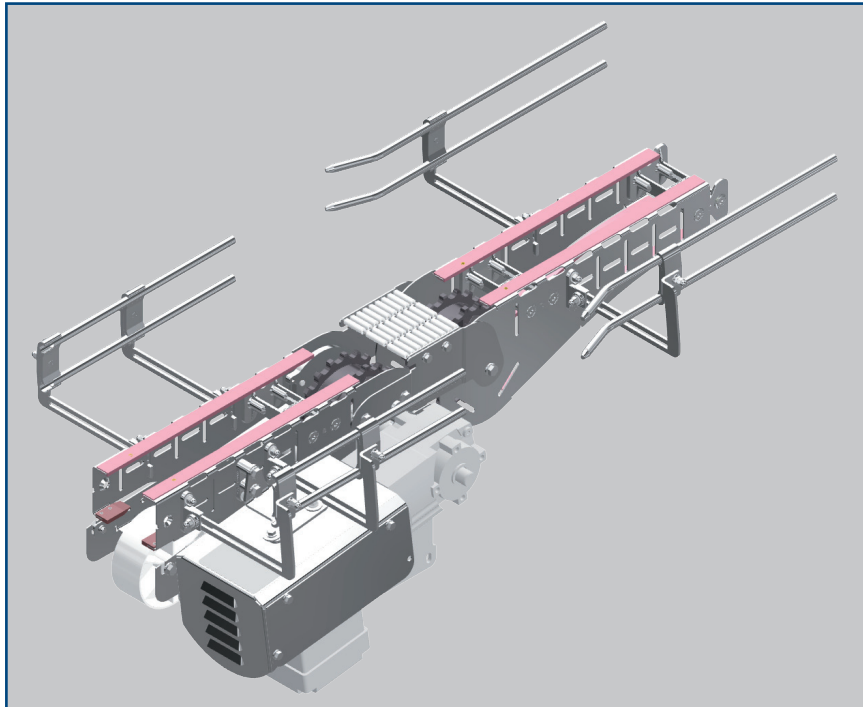
Drive Unit

Fredriksons Drive Unit is a compact unit and are available in left and right versions.



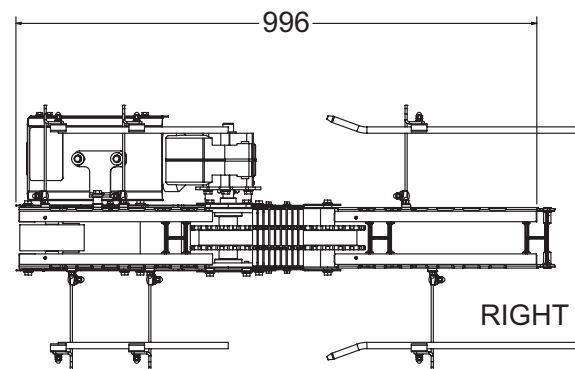
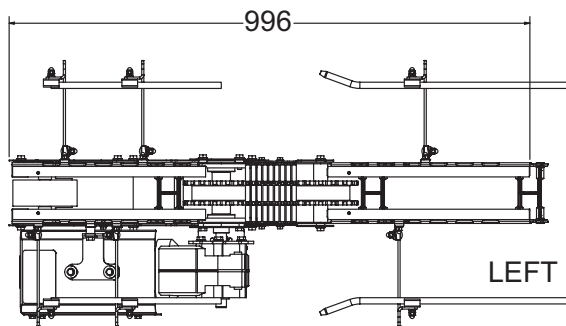
(mm)

Part number	Variants	Motor	Chain Length m	Weight kg
F243229-0241-01	Left	NORD NORDACON	1.2	56,5
F243229-0242-01	Right	NORD NORDACON	1.2	56,5
F243229-0241-02	Left	SEW MOVIMOT EIP	1.2	12,5
F243229-0242-02	Right	SEW MOVIMOT EIP	1.2	12,5
F243229-0241-03	Left	SEW MOVIMOT PN	1.2	12,5
F243229-0242-03	Right	SEW MOVIMOT PN	1.2	12,5
F243229-0241-04	Left	SEW motor	1.2	24,6
F243229-0242-04	Right	SEW motor	1.2	24,6
F243229-0241-05	Left	NORD motor	1.2	25,3
F243229-0242-05	Right	NORD motor	1.2	25,3



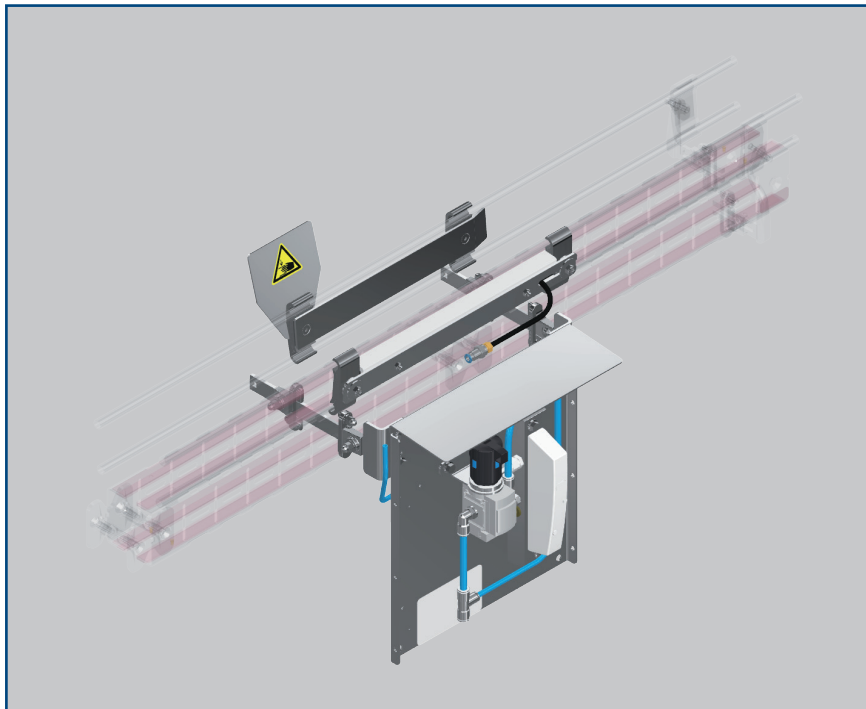
Drive & End Unit (with roller)

Fredriksons Drive & End Unit is a compact unit and are available in left and right versions.



(mm)

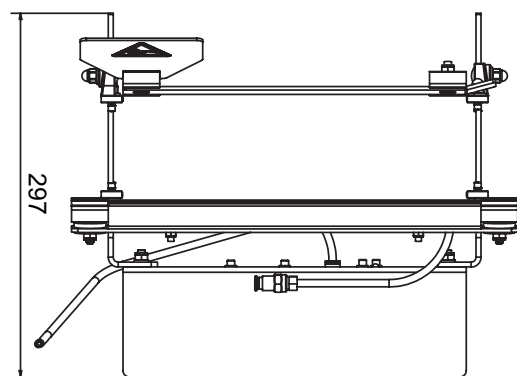
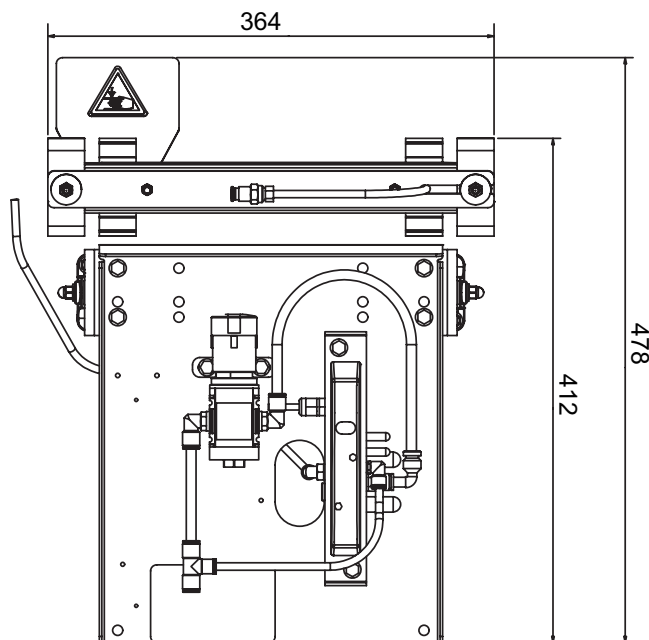
Part number	Variants	Motor	Chain Length m	Weight kg
F241275-0241-01	Left	NORD NORDACON	3	31.8
F241275-0242-01	Right	NORD NORDACON	3	31.8
F241275-0241-02	Left	SEW MOVIMOT EIP	3	31.8
F241275-0242-02	Right	SEW MOVIMOT EIP	3	31.8
F241275-0241-03	Left	SEW MOVIMOT PN	3	31.8
F241275-0242-03	Right	SEW MOVIMOT PN	3	31.8
F241275-0241-04	Left	SEW motor	3	31.8
F241275-0242-04	Right	SEW motor	3	31.8
F241275-0241-05	Left	NORD motor	3	31.8
F241275-0242-05	Right	NORD motor	3	31.8



Hose Brake

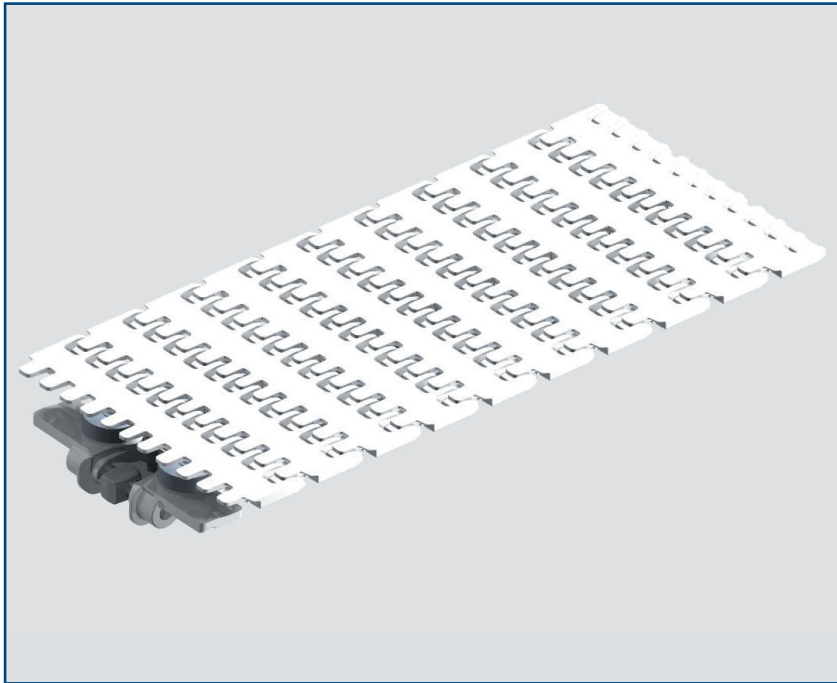
Fredriksons Hose Brake.

Illustration: F241700-101



(mm)

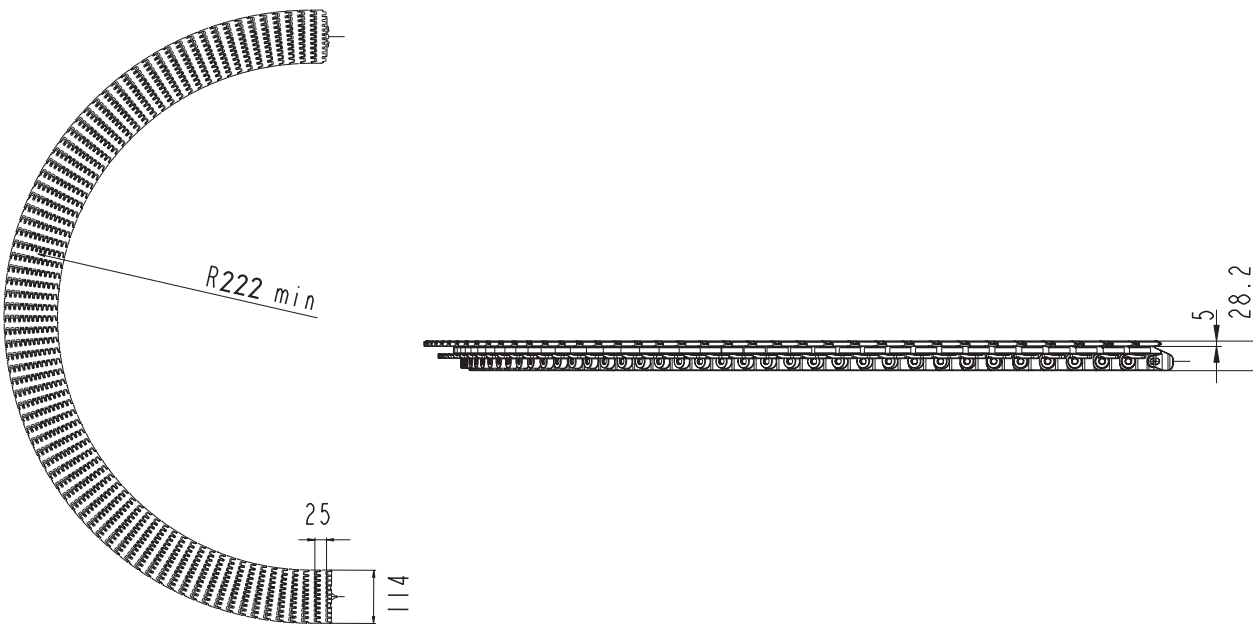
Part number	Variants	Weight kg
F241700-101	with sensor	13.4
F241700-102	without sensor	9.8
F241700-0103	without sensor	8.0



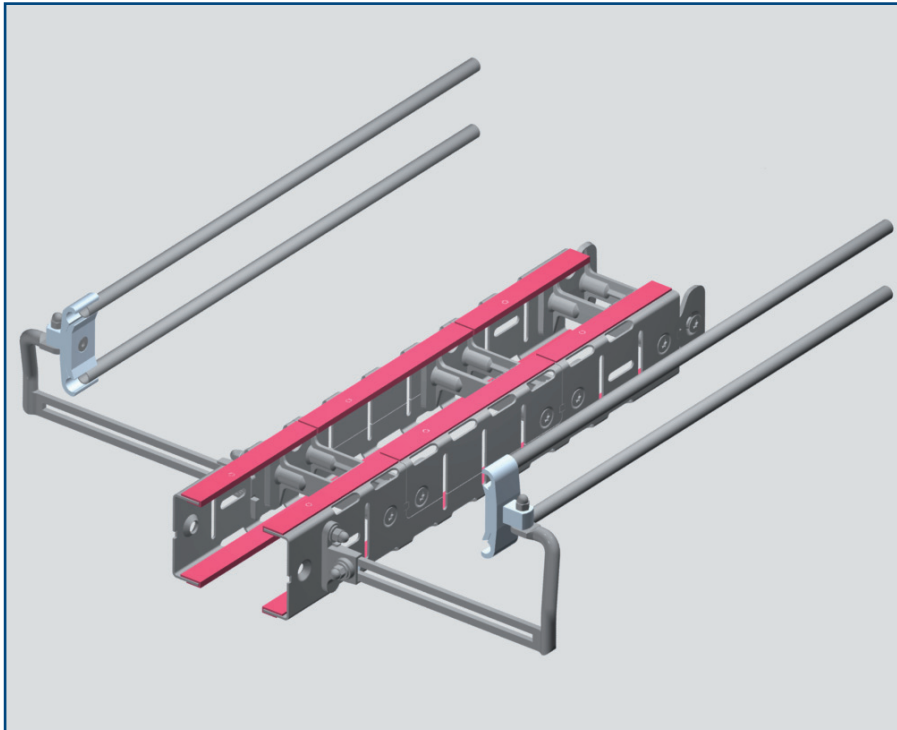
Chains

CS 114 is a new developed improved plastic chain according to safety regulations standard BS EN619.

For more information regarding our range of plastic chains, please check our Chains catalogue

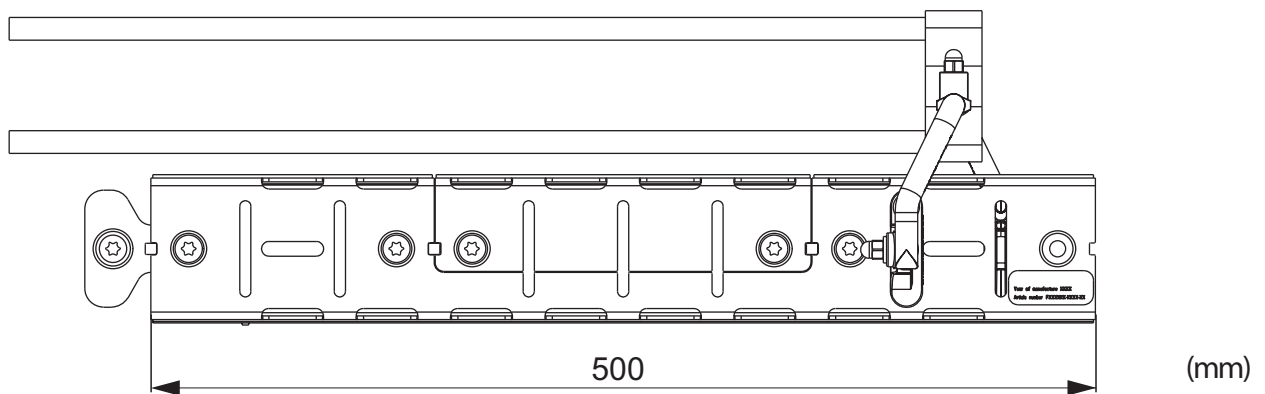


Part number	Materials	Length (L)	Weight	Width	Volume
F242655-102	Hostaform	3 m per box	5,7 kg /3 m	114 mm	60 dm ³ /3 m

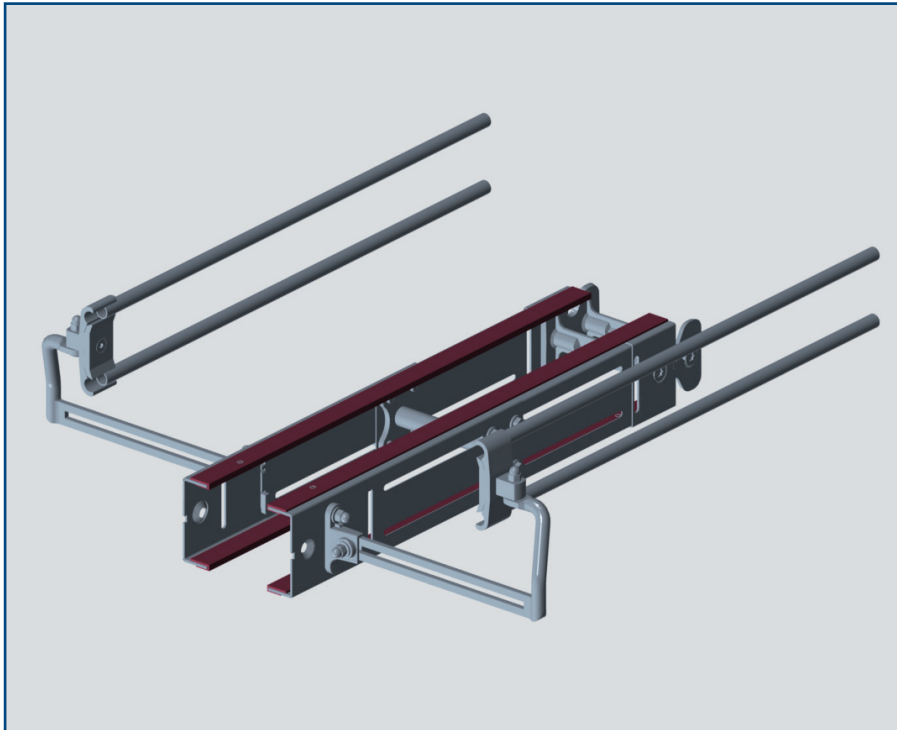


Chain Removal Section

Fredriksons Chain removal section is used for better accessibility on the chain.

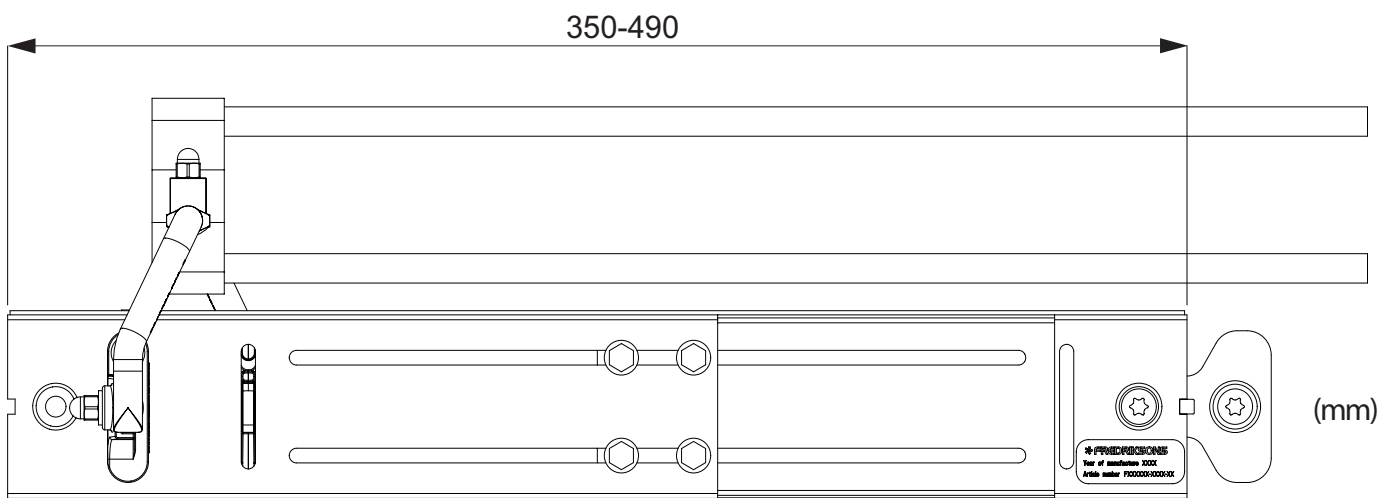


Part number	Railing width mm	Chain Length m	Weight kg
F240061-0240-00	50-400	1.0	4.7

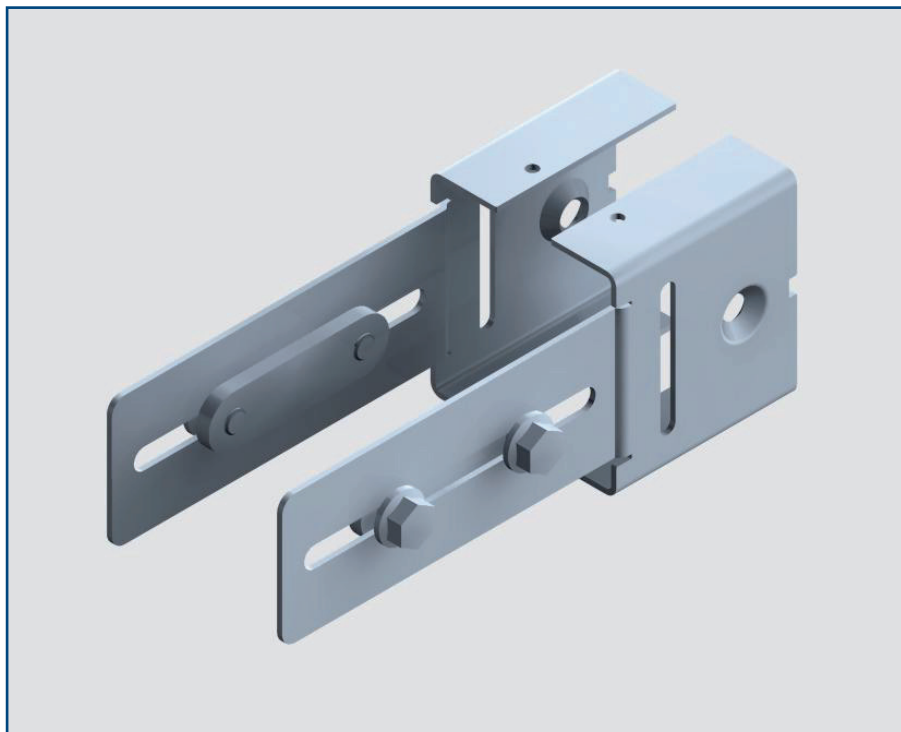


Telescopic Conveyor

Fredriksons Telescopic conveyor is adjustable between 350-490 mm.

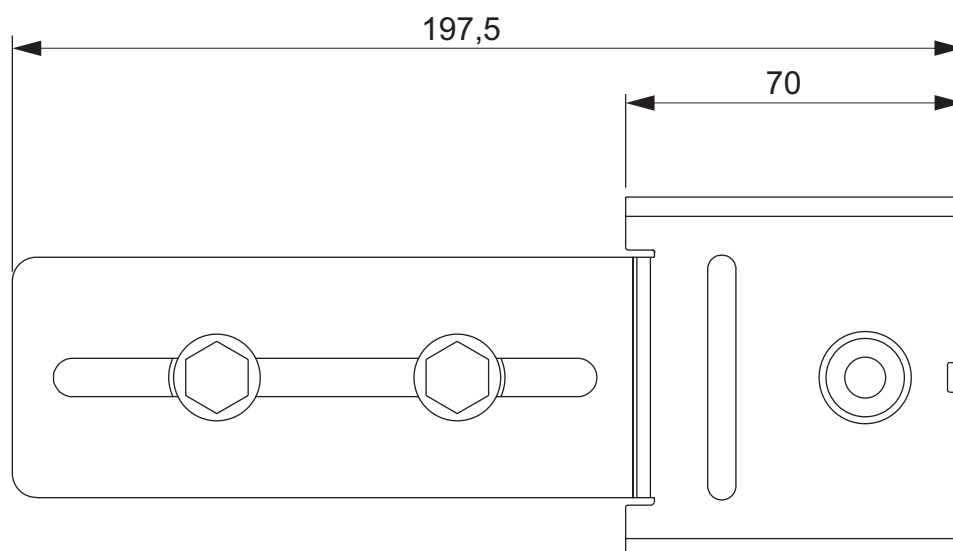


Part number	Railing width mm	Chain Length m	Weight kg
F240220-0240-00	50-400	0.7-1	3.6



Junction Kit

Fredriksons Junction kit is used when joining cut straight conveyors.



(mm)

Part number	Weight kg
F240064-0010-00	0.6

Illustration:
F242201-101



Legs (Conveyor)

We recommend to use Fredrikson hygiene extendable leg system for the CS114 conveyors system. All legs are made of stainless steel material.

Guidelines for placement of legs:

- One standard leg in centre of each curve
- One leg for each package trap
- One leg for every 2-3 m
- One motorleg for each belt brake
- One motorleg for each motor

Illustration:
F242244-101

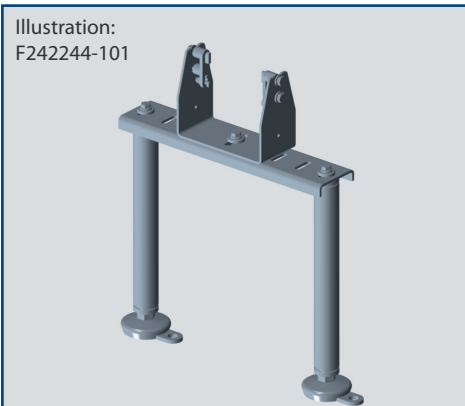


Illustration:
F242830-101



Part number	Variants	Belonging Part	Chain Height mm
F242201-101	Double	Conveyor	H=774-1024
F242201-102	Double	Conveyor	H=974-1224
F242201-103	Double	Conveyor	H=1174-1424
F242201-104	Double	Conveyor	H=1524-1774
F242201-105	Double	Conveyor	H=1774-2024
F242201-106	Double	Conveyor	H=2474-2724
F242244-101	Double	Conveyor	H=500-770
F242244-102	Double	Conveyor	H=365-510
F242830-101*	Single	Wheel Curve	H=758-1008
F242830-102*	Single	Wheel Curve	H=958-1208
F242830-103*	Single	Wheel Curve	H=1158-1408
F242830-104*	Single	Wheel Curve	H=1258-1508
F242830-201**	Single	Wheel Curve	H=758-1008
F242830-202**	Single	Wheel Curve	H=958-1208
F242830-203**	Single	Wheel Curve	H=1158-1408

* Strut length 820mm

** Strut length 500mm

Illustration:
F240998-111



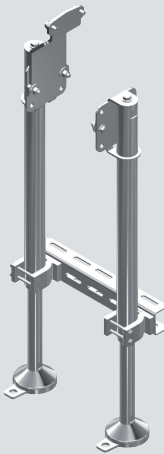
Legs (Motor)

We recommend to use Fredrikson hygiene extendable leg system for the CS114 conveyors system. All legs are made of stainless steel material.

Guidelines for placement of legs:

- One standard leg in centre of each curve
- One leg for each package trap
- One leg for every 2-3 m
- One motorleg for each belt brake
- One motorleg for each motor

Illustration:
F240998-121



Part number	Variants	Belonging Part	Chain Height mm
F240998-108	Single	Drive Unit	H=539-789
F240998-109	Single	Drive Unit	H=344-594
F240998-110	Single	Drive Unit	H=539-789
F240998-111	Single	Drive Unit	H=828-1078
F240998-112	Single	Drive Unit	H=1028-1278
F240998-113	Single	Drive Unit	H=1228-1478
F240998-121	Double	Drive Unit	H=828-1078
F240998-122	Double	Drive Unit	H=1028-1278
F240998-123	Double	Drive Unit	H=1228-1278

Illustration:
F241370-101

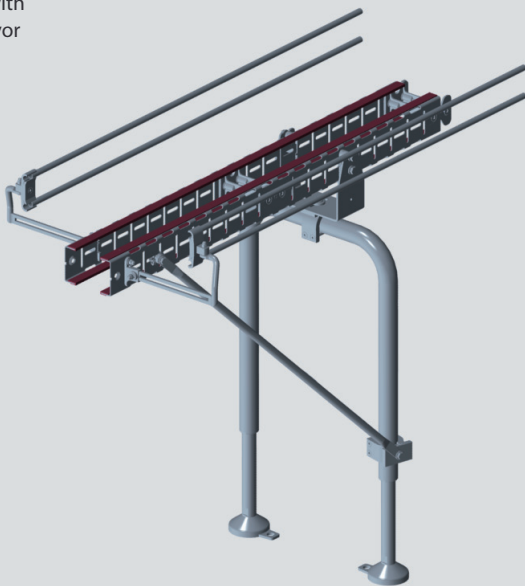


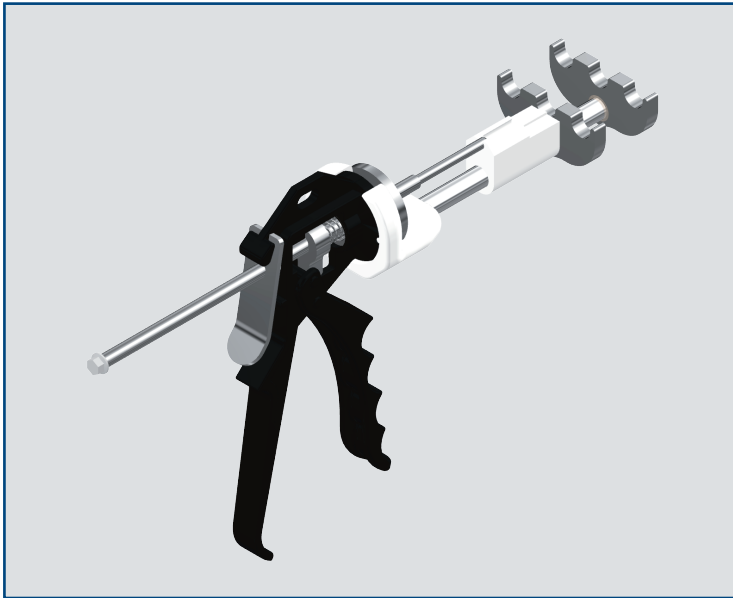
Strut

Fredriksons struts is used to stabilize the conveyor in lengthwise direction.

Part number	Variants Length (mm)
F241370-101	820
F241370-102	1250

Illustration:
F241370-101 with
straight conveyor



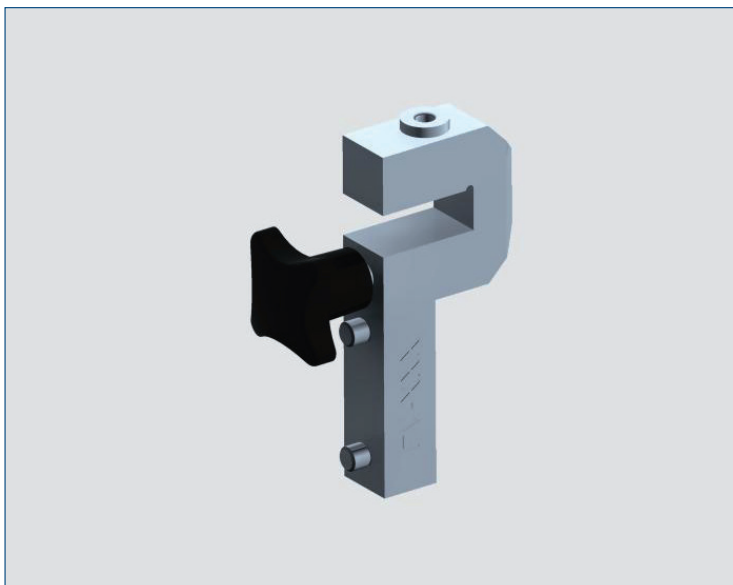


Chain Tool

Fredriksons Chain tool is used for splitting and joining chains.

Part number

F240245-202

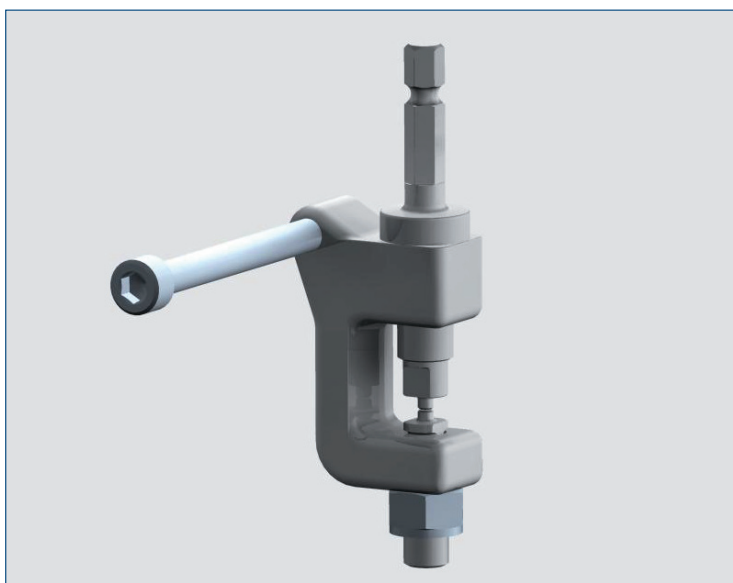


Drill Fixture

Fredriksons Drill fixture is used for drilling holes in side plates when assembling new sliding strips.

Part number

F240368-101

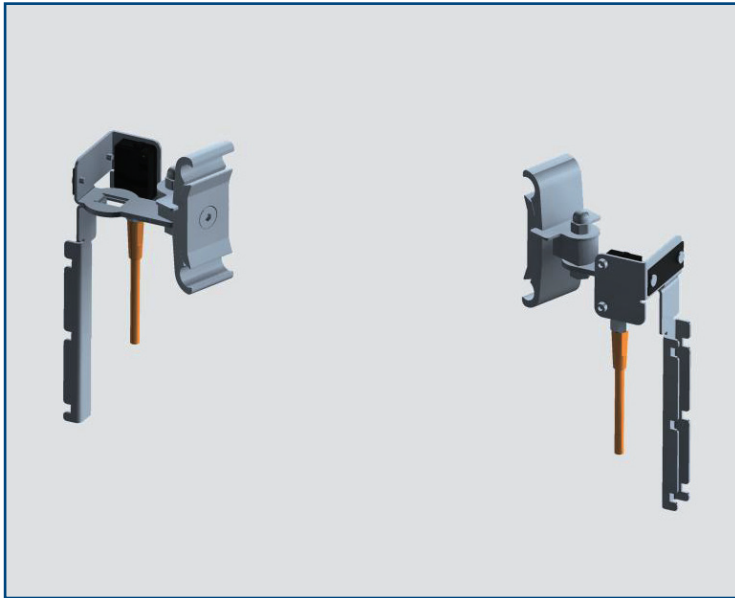


Rivet Tool

Fredriksons Rivet tool is used when mounting new sliding strip on the conveyor body.

Part number

F209371

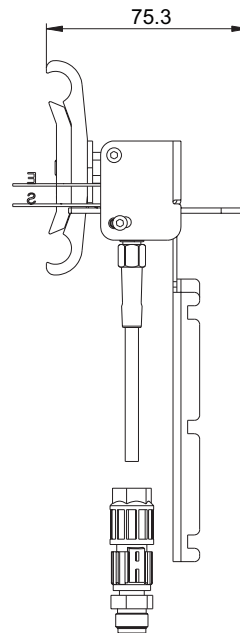
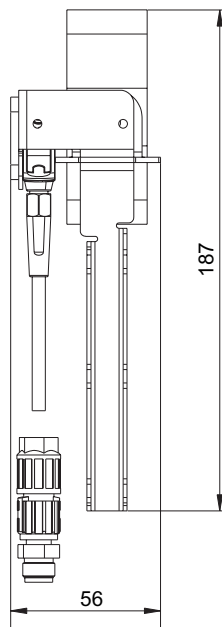


Sensor Kit

Fredriksons Sensor Kit has a range between 35-140mm.

Part number	Sensor Type	Sensor
F242858-0101	Photoelectric	SICK

* Contact our sales team for a complete catalogue of available sensors



(mm)



Fredriksons is a part of the XANO Group

XANO consists of niche engineering companies in Sweden, Norway, Estonia, Finland, Poland and China. These companies provide manufacturing and development services for industrial products and automation equipment. They operate within well-defined niches and possess a high level of expertise within their respective technical fields. The Group's operation is divided into three business units: Industrial Solutions, Precision Technology and Rotational Moulding.

Industrial Solutions – contract assignments within sheet metal processing, in-house-developed conveyor systems and packaging machinery, hand wheels, handles and adjustable feet for furniture and shop fittings.

Precision Technology – component and system manufacture through advanced cutting machining of metal and plastic for the production of components with demanding requirements for quality and precision.

Rotational Moulding – manufacturing of plastic products in the form of components and systems through rotational moulding.



FREDRIKSONS

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