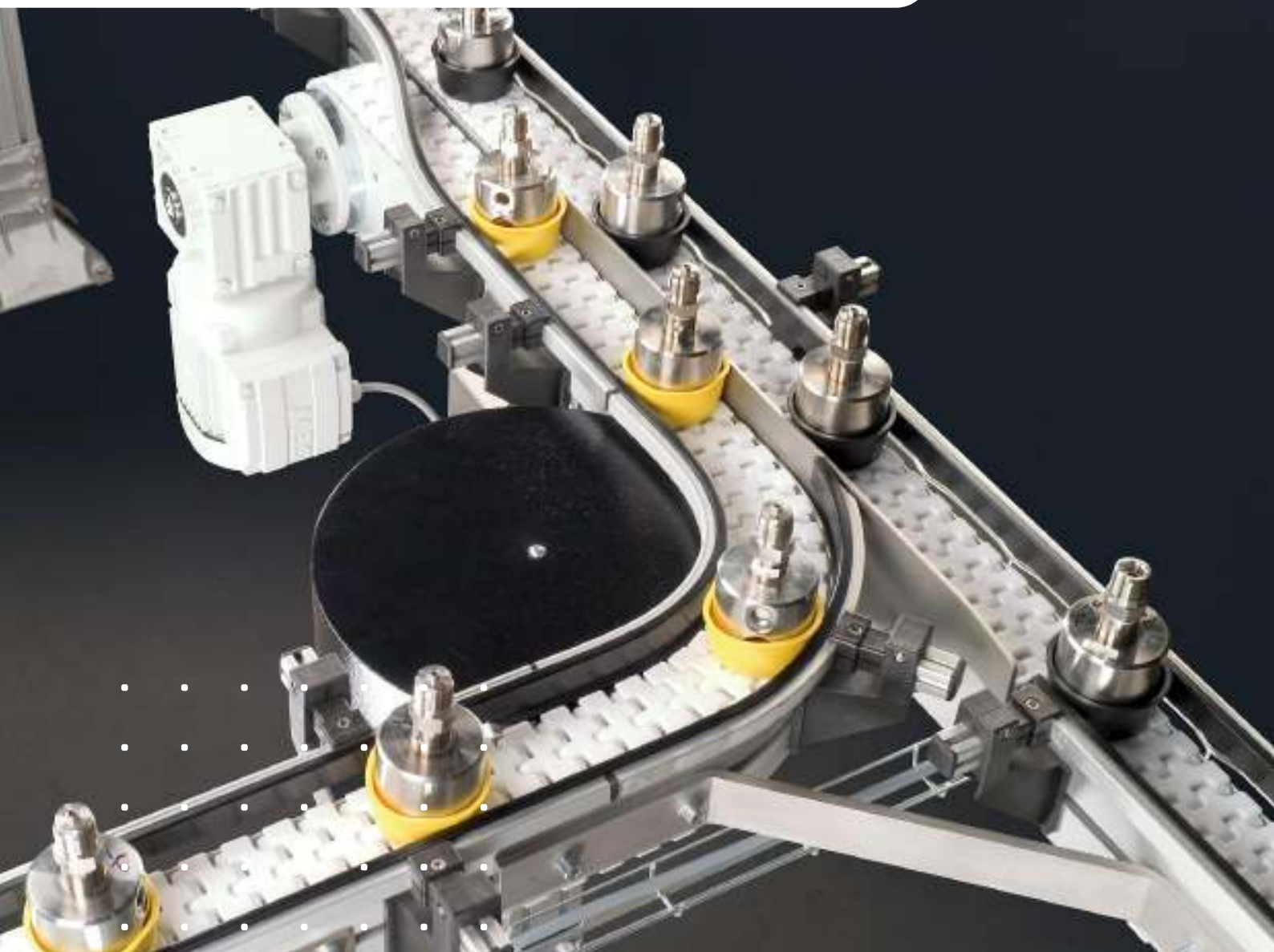


Stretchline FS CS065SL



STRETCH_LINE

Version 2. July 2025



fs solutions

by hellomoov



FS CS065SL

Conveyor system

Introduction
STRETCH_LINE

FS Solutions brings STRETCH_LINE to the next level

From 01.01.2019 FS Solutions has taken over the STRETCH_LINE Transportsystem from MS Plus Automation/Schüco.

This proven transport system is an ideal addition to the modular transport systems of FS Solutions. Customers are ensured with a unique range and extensive application know-how for the STRETCH-LINE system.

FS Solutions is a provider of turnkey solutions, components as well as assembly kits for process automation and internal transport.

Since the start in 2005, FS Solutions has built up an impressive reference list in manufacturing high-end transportsystems and production automation for various industries, such as: Logistics, Food, Consumer goods (FMCG), Tobacco and Pharma.

Our motivated and enthusiastic team always strives to provide a fast and adequate response. As FS Solutions uses high-quality, modular elements, each system can be compiled to requirement. Our extensive service does not end on delivery.

“With over 20 years of experience and know-how, FS Solutions is guaranteed to find you a high-end solution.”

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Patents
Parts of the FS Solutions product range are protected by patents and design regulations. Drawings are made to European standards.

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Icon overview

General

	Note Caution		Weight		Fabrication
	Packaging unit		Tools		Mounting
	Material		Cutting profile to length		Energy Efficiency
	Colour		Left-hand version LS/ right-hand version RS		
	Surface		Type/Version		

System related

	Chain Type		Drive motor		Effective chain length
	Maximum permissible chain pulling force		Conveyor chain material		Effective chain length - inside curve
	Maximum conveying speed		Profile series		Effective chain length - outside curve
	Maximum permissible line length				

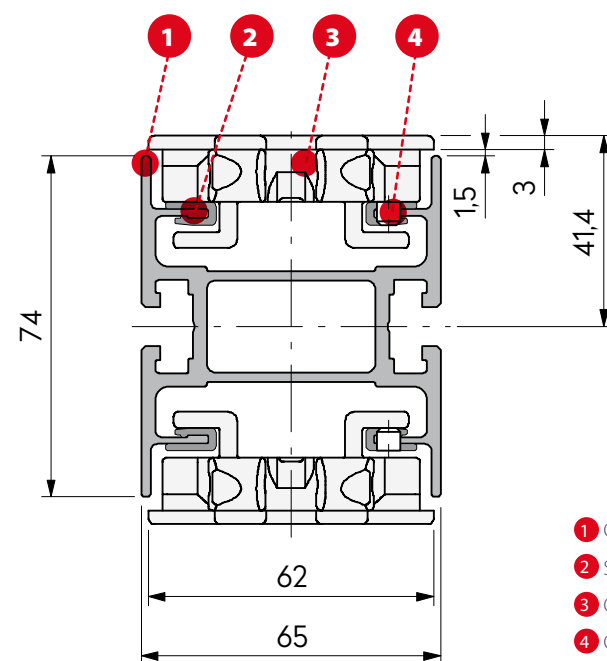
Dimensions

	Sizes, dimensions		Thread		Drive pitch diameter
	Width		Idler radius		
	Length		Idler angle		



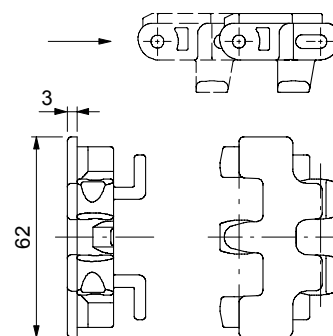
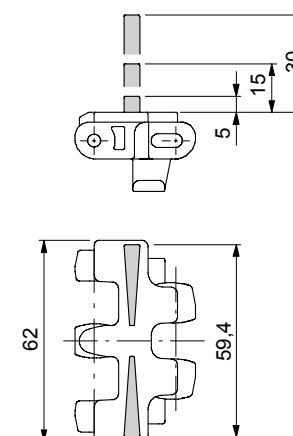
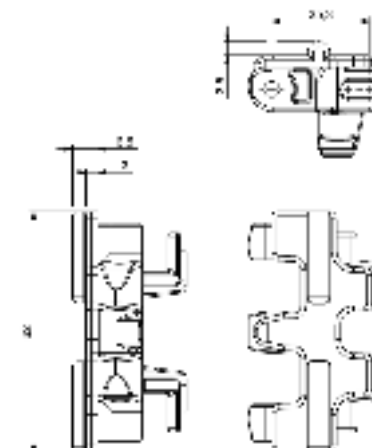
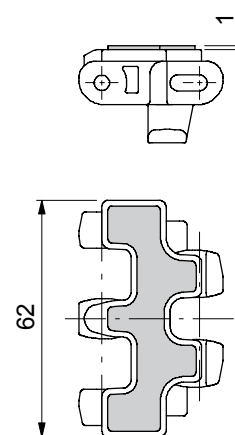
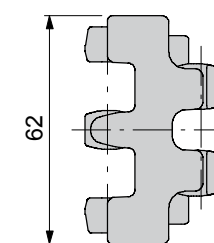
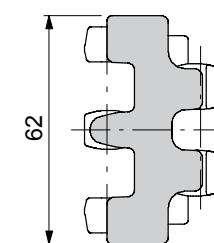
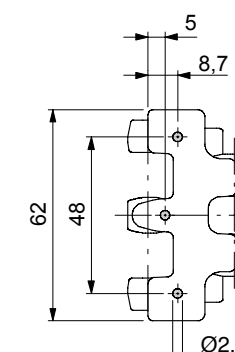
Feeding, filling, packaging individual items

- Overall width 65 mm
 - Chain width 62 mm
 - Product width 15 - 140 mm
 - Max. product weight for conveying direction:
 - Horizontal 10 kg
 - Vertical 5 kg
 - Maximum load:
 - Conveyor system 150 kg
 - Chain link 1.5 kg
 - Max. conveying length 30 m
(8 m for vertical clamp conveyors)
- Max. conveying speed 120 m/min
 - Available drives:
 - Vertical drives
 - Direct drives
 - Centre drives
 - Vertical centre drives
 - Direct centre drives
 - Compatible with railing system:
 - Variable guide width 15 - 200 mm
 - Variable guide height 15 - 350 mm

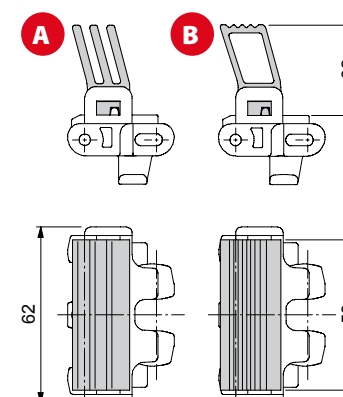
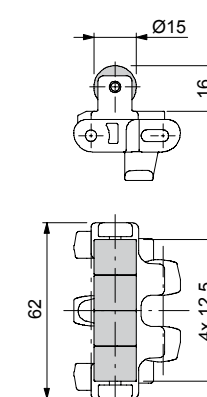
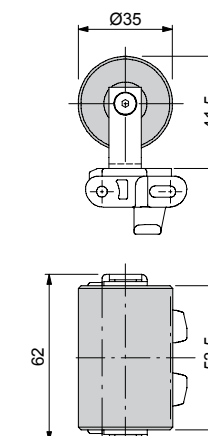


- ➊ Guide profile
- ➋ Sliding strip
- ➌ Conveyor chain
- ➍ Grub screw

FS CS065SL standard chain

FS CS065SL chain with
catch platesFS CS065SL chain with Round
product Support (R2,5mm)FS CS065SL chain with
friction liningFS CS065SL
antistatic chainFS CS065SL chain with
flocked surfaceFS CS065SL
universal chain

FS CS065SL chain with gripper

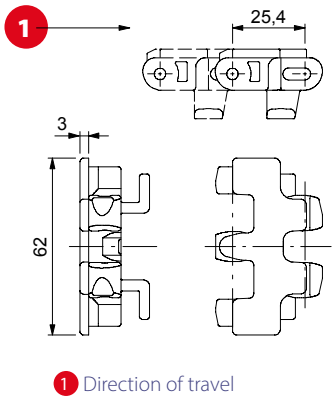
FS CS065SL chain with
accumulating rollersFS CS065SL chain with
catch roller

FS CS065SL
Line components

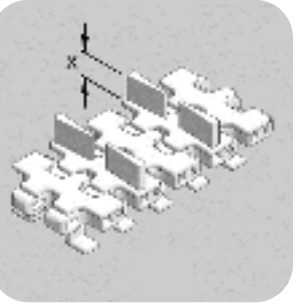


Chain CS065SL standard

- Standard chain for horizontal conveyance.
- Suitable for accumulating conveyor mode.
- Pin-hinged chain links.



	PROD.NO.						
Chain CS065SL, standard	J534 550	4,0 m	POM	white	1,0 kg/m		1250 N
Chain link, individual	J534 567	10	POM	white			1250 N
Chain pin, individual	J534 011	100	stainless steel	grey		J537 131 split-pin driver	



Chain FS CS065SL with catch plates

- Chain for vertical conveyance.
- Chain links with catch plates are inserted in the standard chain at recurrent intervals.
- Catch plate heights of 5, 15 and 30 mm.

	PROD.NO.						
Chain link, individual, catch plate height 5mm	J534 013	10	POM	white	1,1 kg/m*		1250 N
Chain link, individual, catch plate height 15 mm	J534 014	10	POM	white	1,1 kg/m*		1250 N
Chain link, individual, catch plate height 30 mm	J534 015	10	POM	white	1,1 kg/m*		1250 N
Chain pin, individual	J534 011	100	stainless steel	grey		J537 131 split-pin driver	

* catch plate every 10th chain link

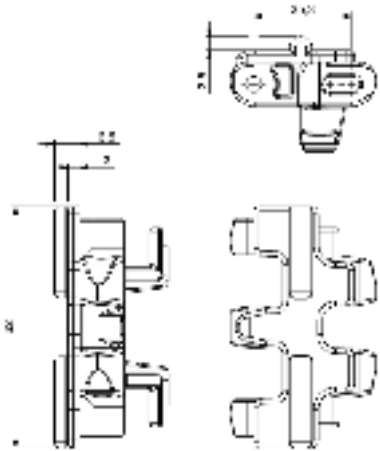
STRETCH_LINE

FS CS065SL
Line components



Chain CS065SL with round product support

- Chain with round halfmoon product support R=2,5mm



	PROD.NO.						
Chain CS065SL, with round product support	J400013	4,0m	POM	white	1,0 kg/m		1250 N



Chain FS CS065SL with friction lining

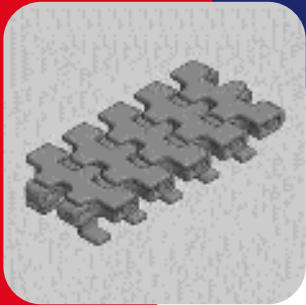
- Chain with anti-slip coating to increase adhesion on inclines.
- Well suited for conveying smooth-surfaced items.
- Friction lining in wear-resistant rubber.
- Not suitable for accumulating conveyors.

	PROD.NO.						
Chain CS065SL, with friction lining	J534 553	4,0 m	PA	white	0,9 kg/m		500 N
Chain link, individual	J534 053	10	PA	white			500 N
Chain pin, individual	J534 011	100	stainless steel	grey		J537 131 split-pin driver	

STRETCH_LINE

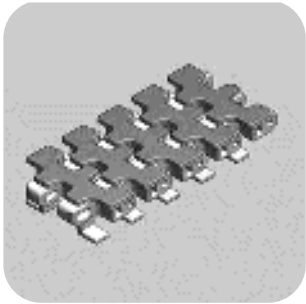
FS CS065SL

Line components



- Chain FS CS065SL antistatic
- Standard chain in antistatic finish.
 - For use only in conjunction with antistatic sliding strip and drive unit.

	PROD.NO.						
Chain CS065SL, antistatic	J534 551	4,0 m	POM	black	1,0 kg/m		950 N
Chain link, individual	J534 568	10	POM	black			950 N
Chain pin, individual	J534 011	100	stainless steel	grey		J537 131 split-pin driver	



- Chain FS CS065SL with flocked surface
- Standard chain with grey flocked surface.
 - The soft surface protects the items being conveyed.

	PROD.NO.						
Chain CS065SL, with flocked surface	J400 038	4,0 m	POM	white	1,0 kg/m		1250 N
Chain pin, individual	J534 011	100	stainless steel	grey		J537 131 split-pin driver	

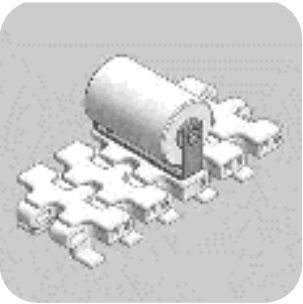
FS CS065SL

Line components



- Chain FS CS065SL universal
- Universal chain links are inserted in the standard chain at recurrent intervals.
 - Chain for universal application with drill holes in the base plate.
 - Capability of fitting various conveyor components (e.g. catch plates, rollers) using Ø3.9 mm self-tapping bolts.

	PROD.NO.						
Chain link, individual	J534 059	10	POM	white	1,0 kg/m		1250 N
Chain pin, individual	J534 011	100	stainless steel	grey		J537 131 split-pin driver	



- Chain FS CS065SL with catch rollers
- Chain links with catch rollers are inserted in the standard chain at recurrent intervals.
 - At least one standard link must be inserted between two catch rollers.

	PROD.NO.						
Chain link, individual	J534 060	10	POM	white	1,4 kg/m*		1250 N
Chain pin, individual	J534 011	100	stainless steel	grey		J537 131 split-pin driver	

FS CS065SL

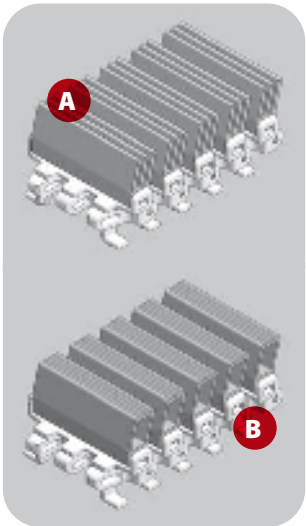
Line components



Chain FS CS065SL with accumulating rollers

- Chain with rollers to minimise friction in accumulating conveyor mode.

	PROD.NO.						
Chain CS065SL, antistatic	J534 558	2,0 m	POM	white	1,7 kg/m		1250 N
Chain link, individual	J534 056	10	POM	white			1250 N
Chain pin, individual	J534 011	100	stainless steel	grey		J537 131 split-pin driver	



Chain FS CS065SL with gripper

- Chain with surface-mounted gripper element (flexible catches).
- Used in vertical clamp conveyors.
- Gripper element in EPDM.
- Use shape A:
 - small lightweight unit loads
 - products with irregular surface.
- Use shape B:
 - larger-type unit loads
 - item weight up to 10 kg.

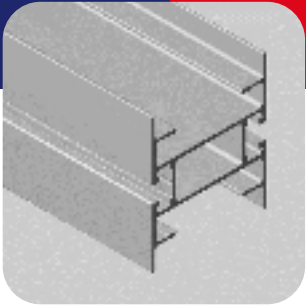


		PROD.NO.						
Chain CS065SL, with gripper	A	J534 588	2,0 m	POM	white	1,6 kg/m		750 N
	B	J534 557	2,0 m			1,5 kg/m		
Chain link, individual	A	J534 589	10	POM	white			750 N
	B	J534 054	10					
Gripper element, individual	A	J534 268	10	EPDM	grey			
	B	J400 001	10					
Chain pin, individual		J534 011	100	stainless steel	grey		J537 131 split-pin driver	

STRETCH_LINE

FS CS065SL

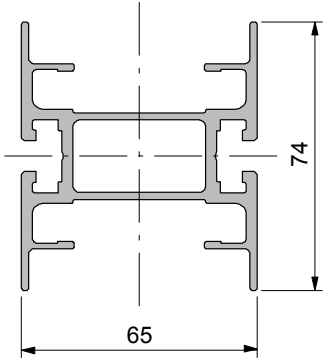
Line components



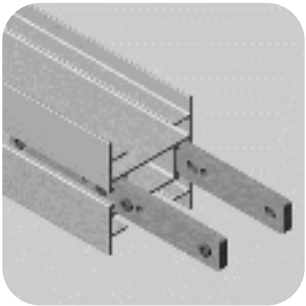
Guide profile FS CS065SL

- Line lengths over 6000 mm can be produced by using joints.

	PROD.NO.			
Guide profile CS065SL	J924 172	6,0 m	EN AW-6063 T66	E6/EV1 anodised finish
Cutting to length	J924 969	1		

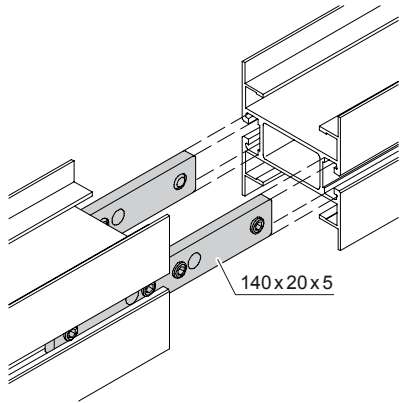


Cross section



Line joint CS SL

- Joints are pushed into the profile groove and fixed in place with the premounted inserts.
- No additional work to the profile is necessary.

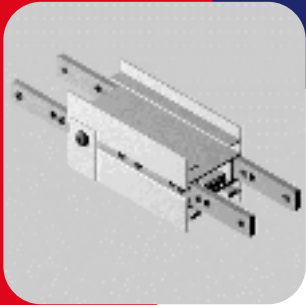


	PROD.NO.			
Line joint	J927 803	2	steel	galvanised

STRETCH_LINE

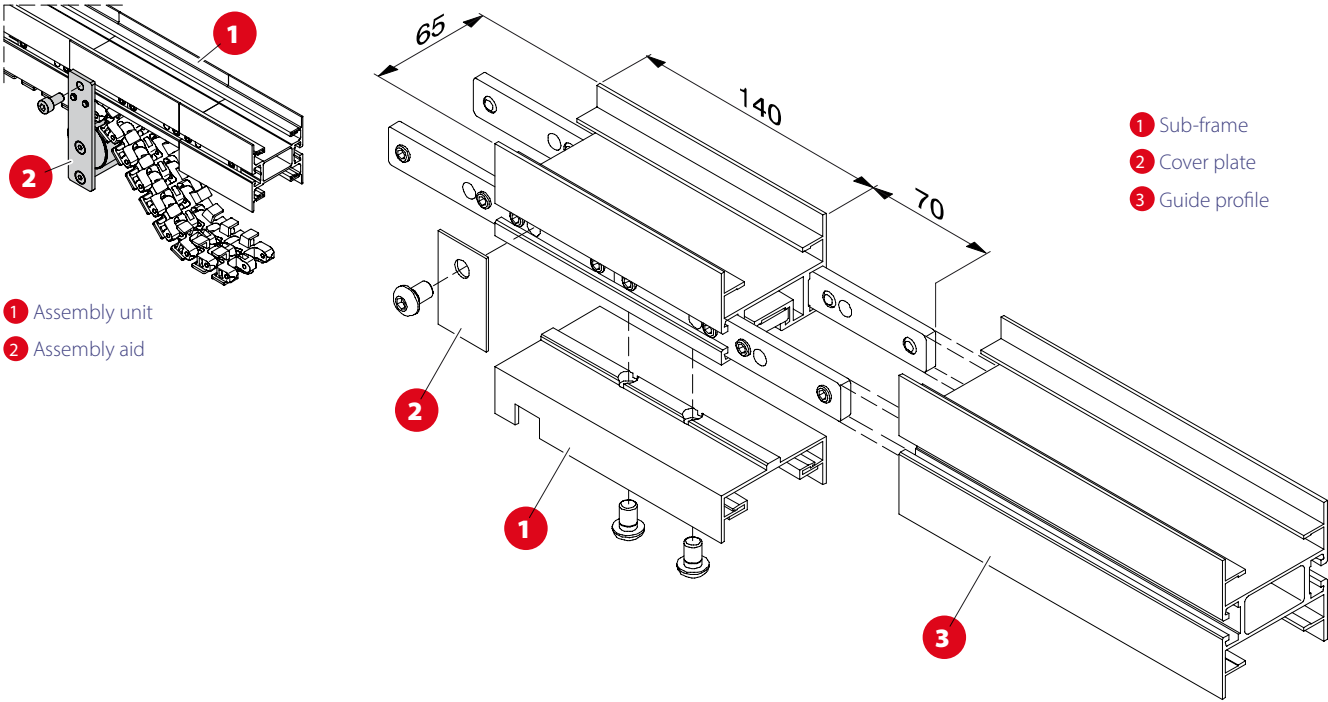
FS CS065SL LINE COMPONENTS

Chain FS CS065SL assembly unit



- The chain assembly unit allows to feed the chain into the assembled line.
- Can be fitted at any point within the line.
- Line joints are included.
- The sub-frame must be removed for feeding the conveyor chain into the line.
- After fitting the chain pin, the opening in the sub-frame must be closed off with the cover plate.
- The optional chain assembly aid facilitates feeding the conveyor chain into the line. It is attached to the lower side of the assembly unit after removing the cover plates and the sub-frame.

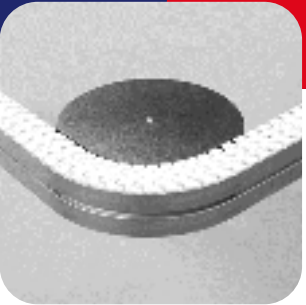
Using the chain assembly aid



	PROD.NO.	
Chain assembly unit CS065SL	J927 702	1
Assembly aid	J927 823	1
Split-pin driver	J537 131	1

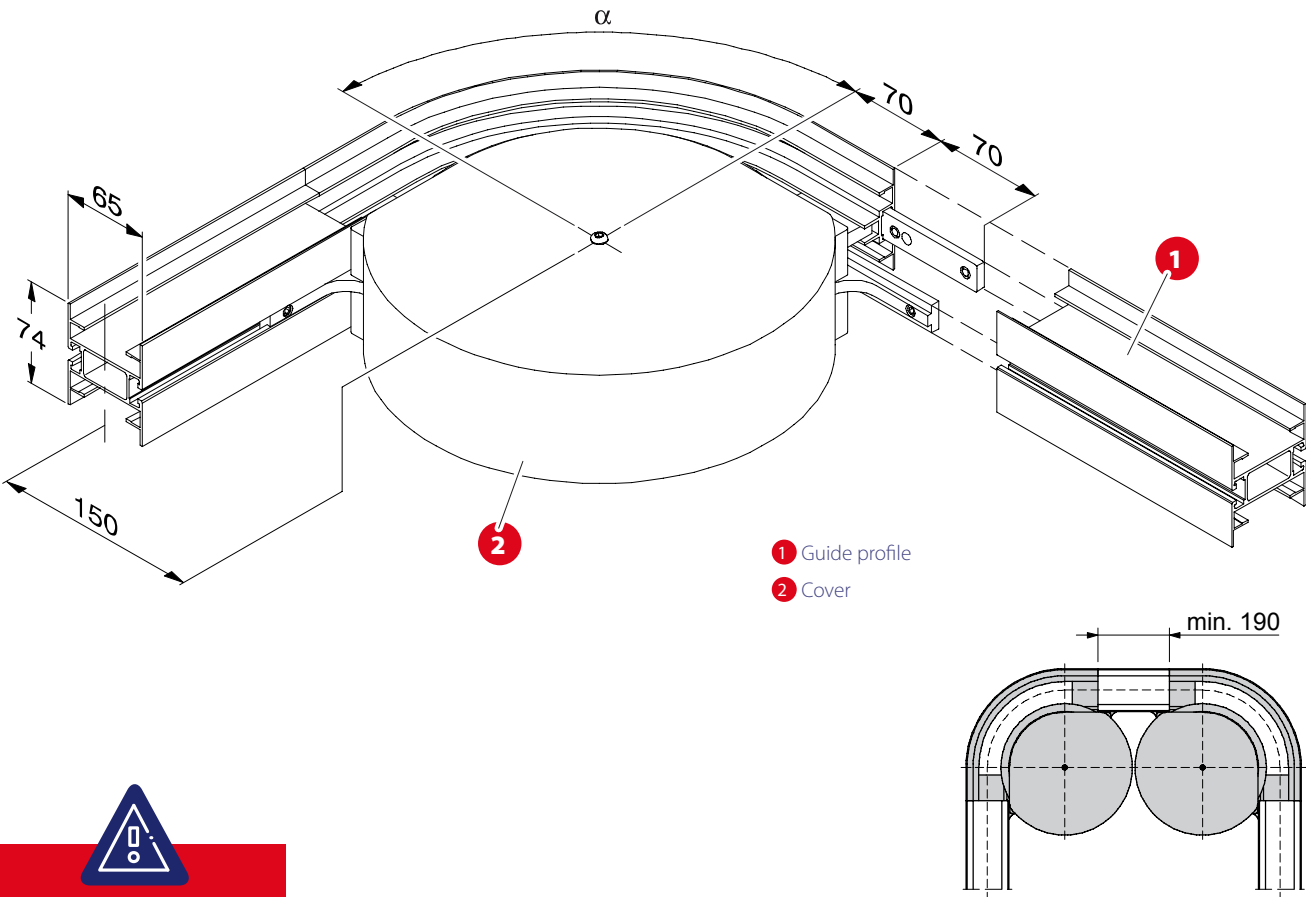
FS CS065SL LINE COMPONENTS

Horizontal curves with disk FS CS065SL



- Small idler radius: 150 mm.
- The idler radius is based on the line centre.
- It is installed in the conveyor line without the need for any work to the joints.
- Antistatic version on request.

Horizontal curve with disk FS CS065SL, R150/90°

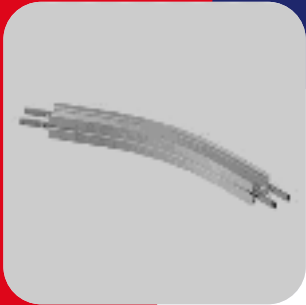


Note
When installing two horizontal curves with disk, they must be separated by a straight line section of at least 190 mm in length.

			PROD. NO.		
Horizontal curve with disk	150 mm	45°	J927 788	1	2x 0,27 m
		60°	J927 769		2x 0,31 m
		90°	J927 720		2x 0,40 m
		180°	J927 721		2x 0,67 m

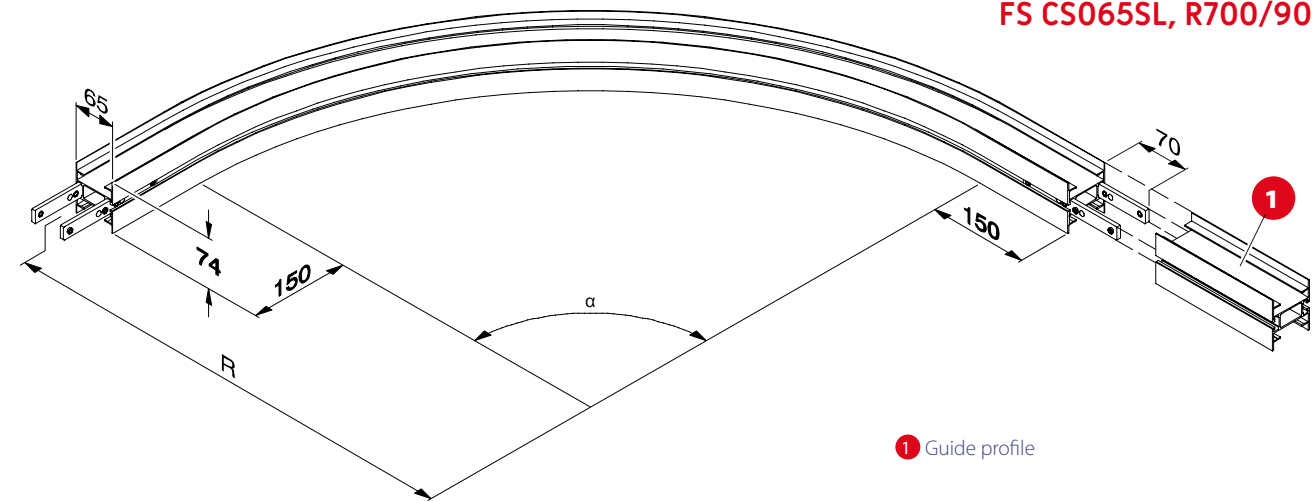
different angles on request

Horizontal sliding curves disk FS CS065SL



- Horizontal sliding curve.
- Various angles available. The radius is based on the line centre.
- Min. radius: 250 mm.

Horizontal sliding curve
FS CS065SL, R700/90°



1 Guide profile

			PROD.NO.		
Horizontal sliding curve	400 mm	15°	J927 842	1	2x 0,41 m
		30°	J927 805		2x 0,52 m
		45°	J927 806		2x 0,63 m
		60°	J927 807		2x 0,74 m
		90°	J927 808		2x 0,96 m
	700 mm	30°	J927 722	1	2x 0,68 m
		45°	J927 723		2x 0,87 m
		60°	J927 724		2x 1,05 m
		90°	J927 725		2x 1,43 m

different radius or angles on request

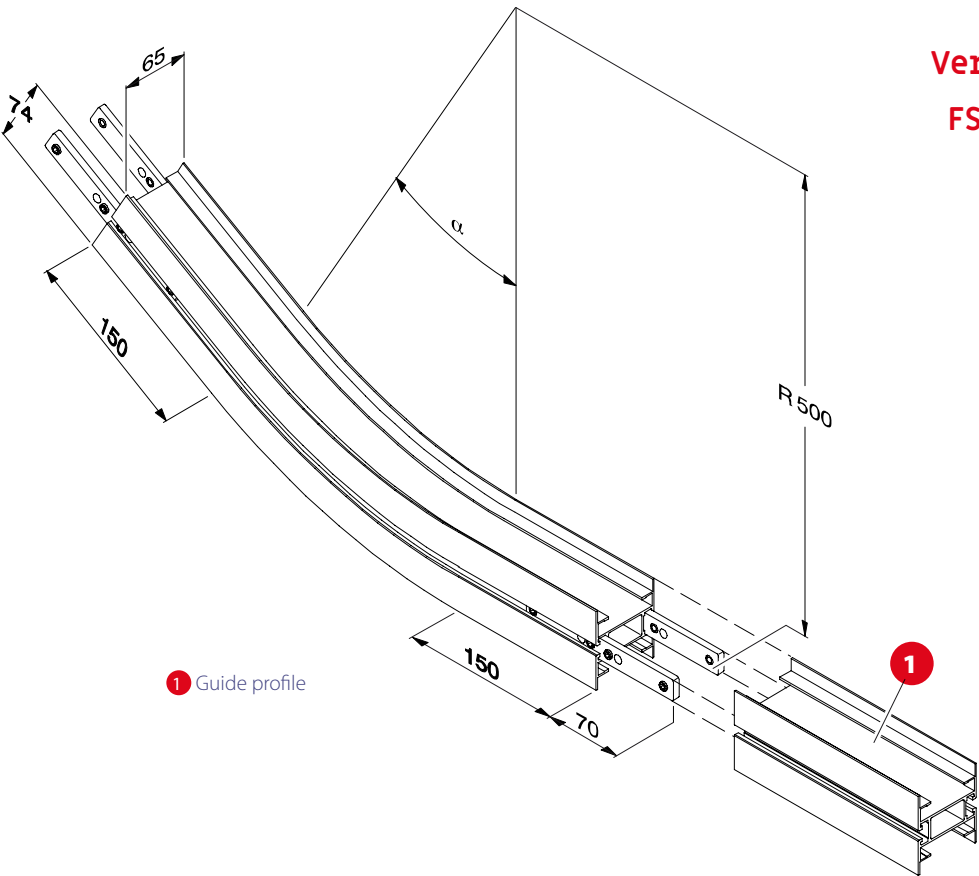
STRETCH_LINE

Vertical sliding curves FS CS065SL



- Vertical sliding curves for conveyor lines with inclines.
- Various angles available. The radius is based on the line centre.
- Min. radius: 500 mm.
- Can be used as outside and inside curve.

Vertical sliding curve
FS CS065SL, R500/30°



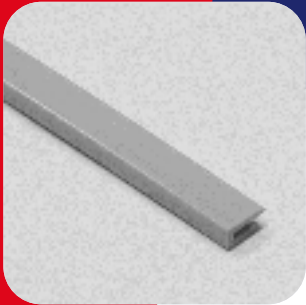
1 Guide profile

			PROD.NO.				
Vertical sliding curve	500 mm	5°	J927 726	1	0,34 m	0,35 m	0,69 m
		7°	J927 727		0,36 m	0,37 m	0,73 m
		10°	J927 728		0,38 m	0,39 m	0,77 m
		15°	J927 729		0,42 m	0,44 m	0,86 m
		20°	J927 730		0,46 m	0,49 m	0,95 m
		30°	J927 731		0,54 m	0,58 m	1,12 m
		45°	J927 732		0,67 m	0,72 m	1,39 m
		60°	J927 733		0,79 m	0,86 m	1,65 m
		90°	J927 734		1,03 m	1,14 m	2,17 m

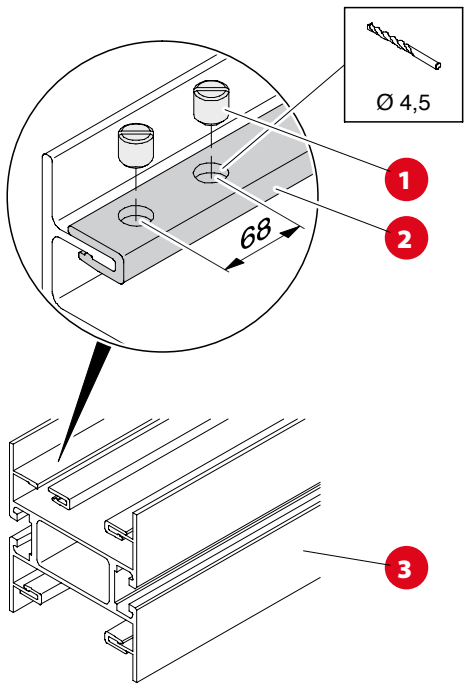
different radius or angles on request

STRETCH_LINE

Sliding strip CS SL



- Sliding strip for minimising friction between chain and profile.
- Properties:
 - Outstanding sliding behaviour
 - Extremely hard surface for minimum wear
 - Suitable for high conveyor speeds.
- The sliding strip is clipped on and fixed in place after assembling the line. Joints in the guide profile should not coincide with joints in the sliding strip.
- Worn sliding strips are easy to remove and renew.



- 1 Grub screw
- 2 Sliding strip
- 3 Guide profile

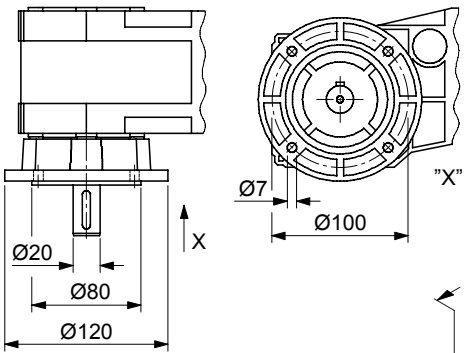
	PROD.NO.			
Sliding strip, standard	J537 015	25,0 m	PA-modified	grey
Sliding strip, antistatic	J537 016	25,0 m	PE 500	black
Sliding strip	J537 017	25,0 m	PA-modified	blue
Sliding strip, ultra low friction	J537 020	25,0 m	LubX CV	naturel
Grub screw M5 x 5	J535 380	25	POM	white
Drilling jig	J927 786	1		
Assembly mandrel	J537 135	1		

Vertical drives FS CS065SL



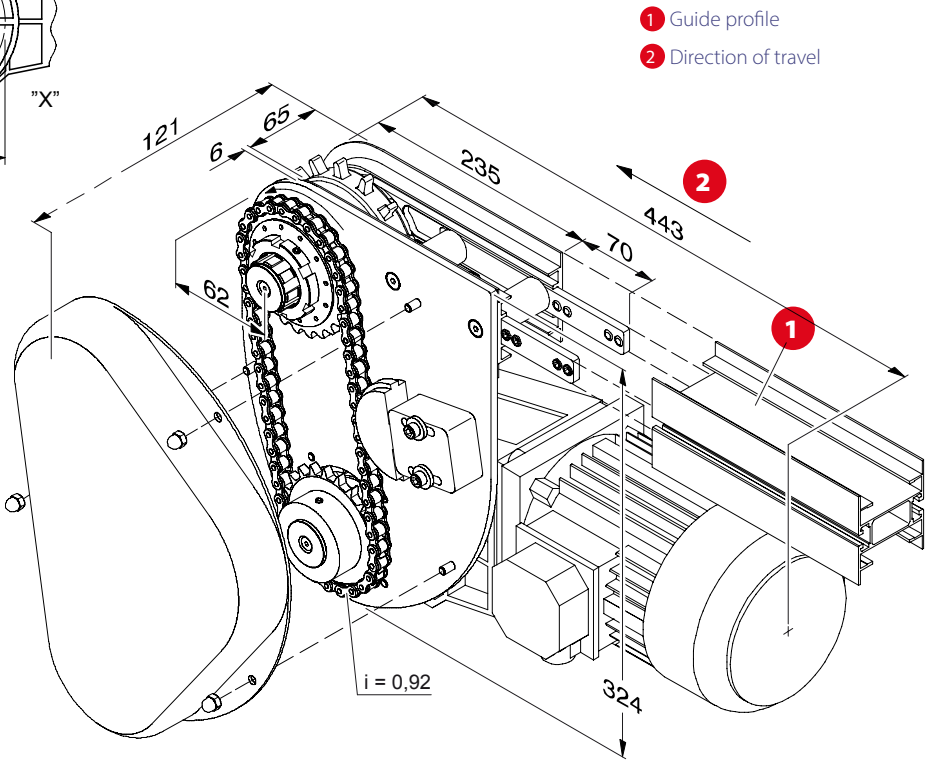
- The drive motor is suspended below the guide profile.
- Left-hand or right-hand version, either with or without motor.
- Slip clutch is included.
- Chain transmission ratio $i = 0.92$.
- Antistatic version on request.

Connecting dimensions for motor



Note
Observe rating and servicing details in "Basic technical information".

Vertical drive FS CS065SL, left-hand version



				PROD.NO.					
			m/min			m	N	mm	m
Vertical drive	LS	○	60	J927 706	1	30	800	118,5	0,55
		●		■ on request					
	RS	○		J927 719					
		●		■ on request					

LS/RS left-hand/right-hand version ●/○ with/without motor ■ specify conveyor speed

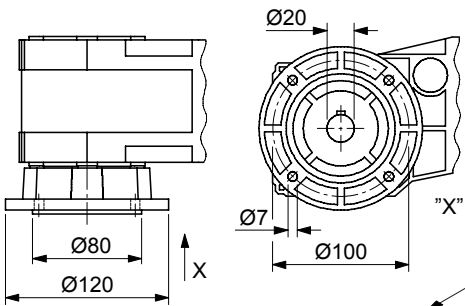
FS CS065SL DRIVES
Direct drives FS CS065SL



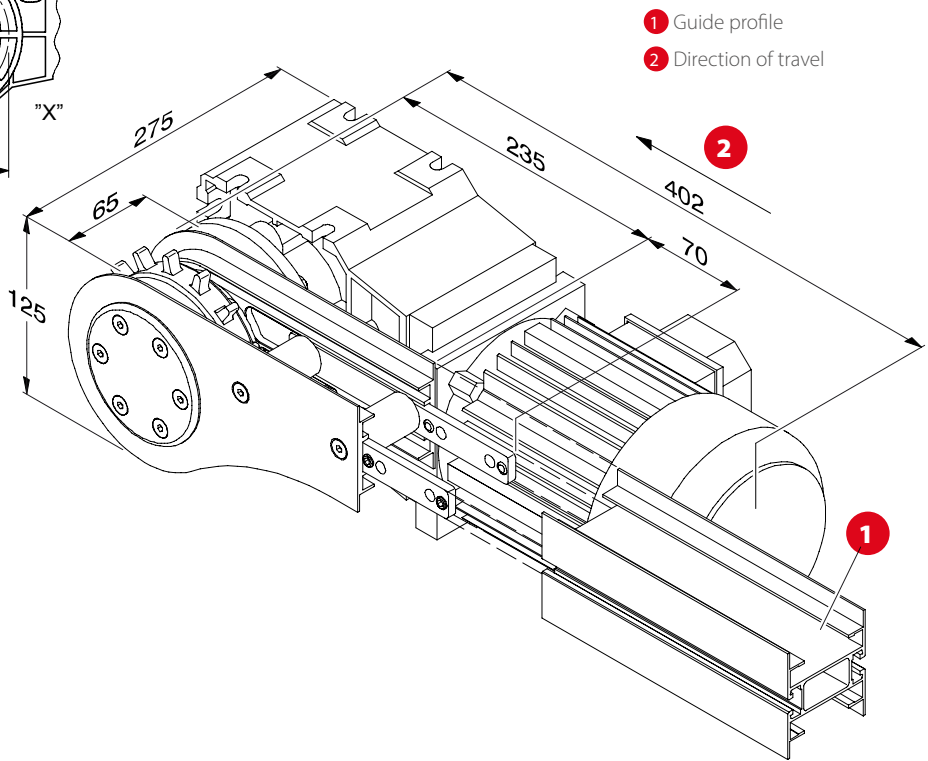
- Compact design.
- The drive motor is positioned at the side of the guide profile - left or right.
- Either with or without motor.
- Antistatic version on request.



Connecting dimensions for motor



Direct drive FS CS065SL,
right-hand drive motor



- 1 Guide profile
- 2 Direction of travel



Note

Observe rating and servicing details in "Basic technical information".

	RS LS		PROD.NO.						
Vertical drive	LS	○	J927 715	1	30	1250	80	118,5	0,55
		●	■ on request						
	RS	○	J927 717						
		●	■ on request						

LS/RS left-hand/right-hand version ●/○ with/without motor ■ specify conveyor speed

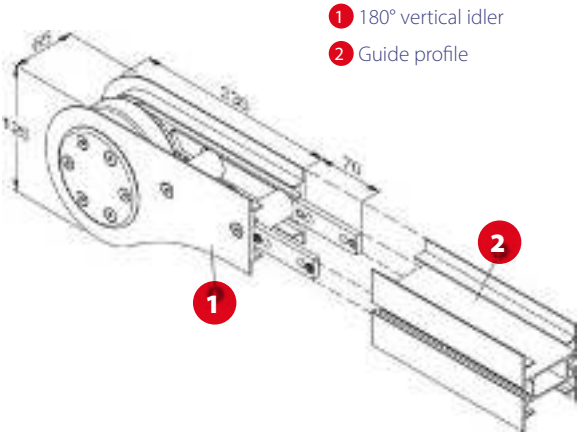
FS CS065SL
Idlers



Vertical idler FS CS065SL, 180°

- 180° vertical idler is installed at the end of the conveyor for return of the chain.

		PROD.NO.		
Vertical idler CS065SL, 180	180°	J927 804	1	0,55 m



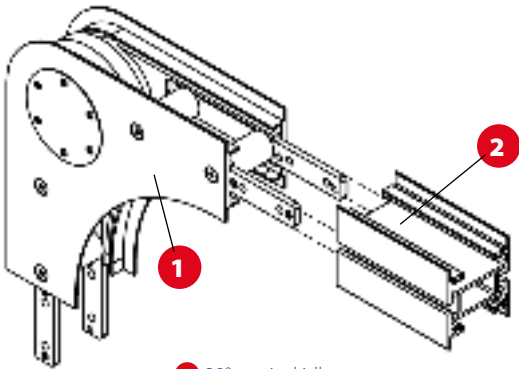
- 1 180° vertical idler
- 2 Guide profile



Vertical idler FS CS065SL, 90°

- 90° vertical idler is installed at the end of the conveyor for return of the chain.

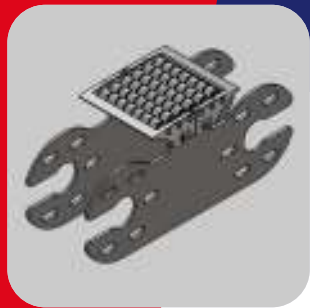
		PROD.NO.		
Vertical idler CS065SL, 90	90°	J927 791	1	0,55 m



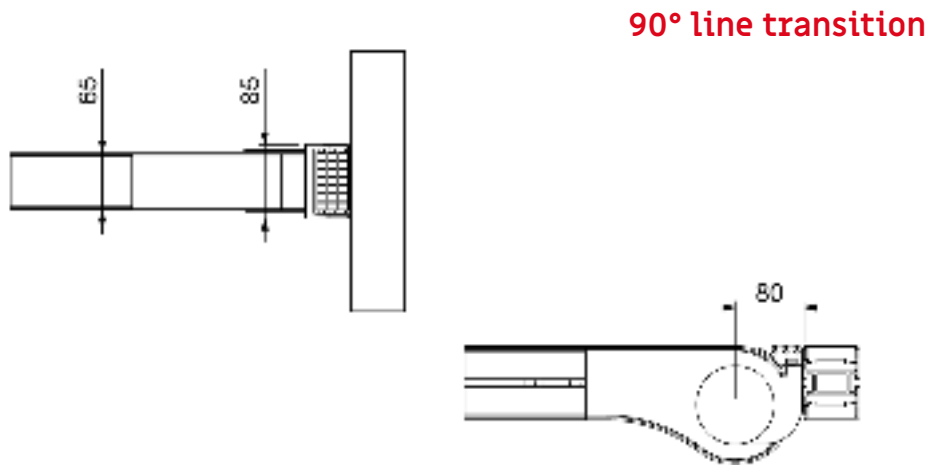
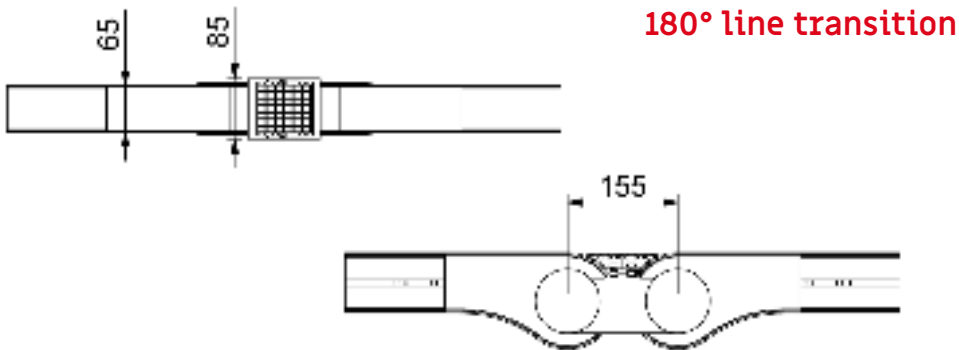
- 1 90° vertical idler
- 2 Guide profile

FS CS065SL ACCESSORIES

Non-driven roll transfer CS SL



- Passive roll transfer
- Assembly accessories for 90° and 180° line transitions
- Not suitable for chains with catch plates, catch/accumulating rollers or grippers
- Ø11 mm Rollers at a 12,6mm pitch



Caution!

Short conveyed items can be left behind at the point of transfer

			PROD.NO.		
Non-driven roll transfer incl. assembly accessories	FS CS065SL	90°	883833-900	1	stainless steel/ plastic
		180°	883833-910		

other non-driven roll transfer on request

FS CS065SL ACCESSORIES

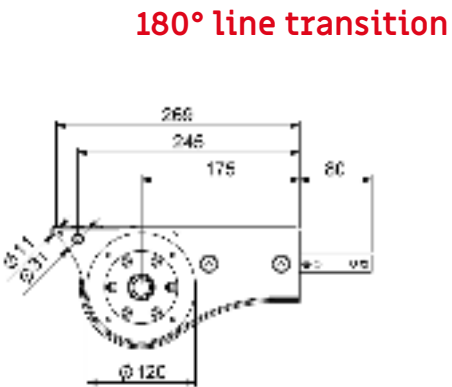
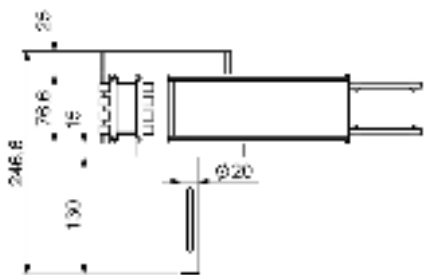
Driven roll transfer CS SL



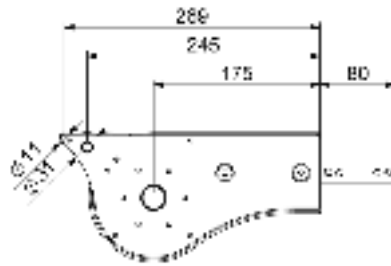
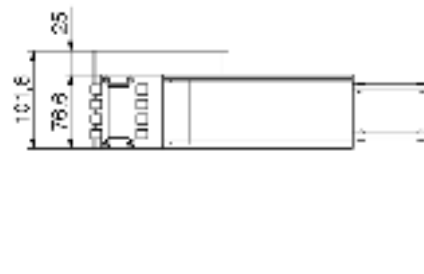
- Driven roll transfer. Available as left and right hand version
- Including assembly accessories for 180° line transitions
- Not suitable for chains with catch plates, catch/accumulating rollers or grippers
- Transmission by multiple round belts to minimize maintenance and production stops



Drive section



Idler unit



			PROD.NO.			
Driven roll transfer - drive section	FS CS065SL	LS	880130-001	1	stainless steel/ aluminium	0,55m
		RS	880130-002			
Driven roll transfer - idler section		LS	880130-003			
		RS	880130-004			

rubberized drive roller on request

LS/RS left-hand/right-hand version

Tools

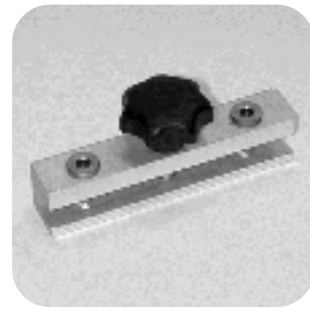
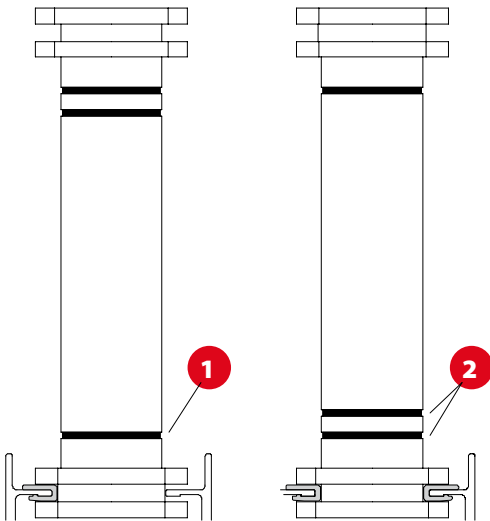


Assembly mandrel

- Assembly tool for clipping the sliding strip on.
- Installing 1st sliding strip: Use the side of assembly mandrel marked with one ring.
- Installing 2nd sliding strip: Use the side of assembly mandrel marked with two rings.

		PROD.NO.	
Assembly mandrel	FS CS065SL	J537 135	1

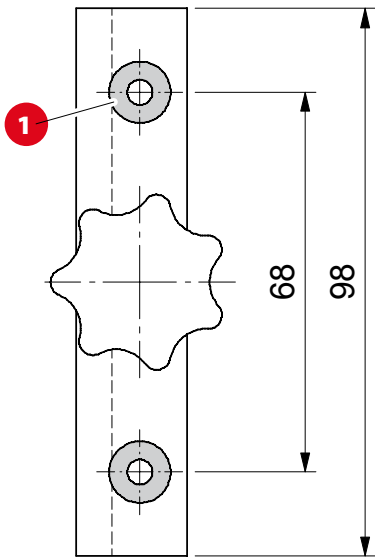
- 1 Installing 1st sliding strip
- 2 Installing 2nd sliding strip



Drilling jig

- The sliding strips are fixed to the guide profile with plastic grub screws to absorb axial displacement forces.
- The drilling jig serves as an aid for drilling the holes required.

	PROD.NO.	
Drilling jig	J927 786	1



- 1 4.5 mm dia. drilling bush

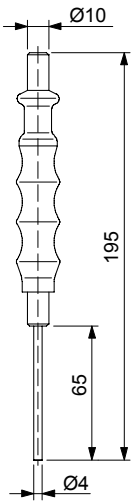
Tools



Split-pin driver, 4 mm dia.

- Tool for removing pin out of chain.
- Systems: FS CS065SL / FS CS090SL
- Cushioned safety grip.
- Material: hardened steel.

	PROD.NO.	
Split-pin driver	J537 131	1

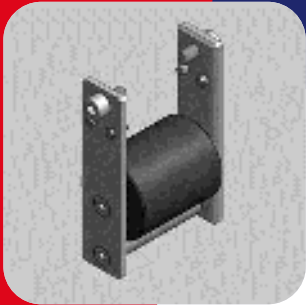


Cutting pliers

- For precise cutting of sliding strips

	PROD.NO.	
Cutting pliers	J537 130	1

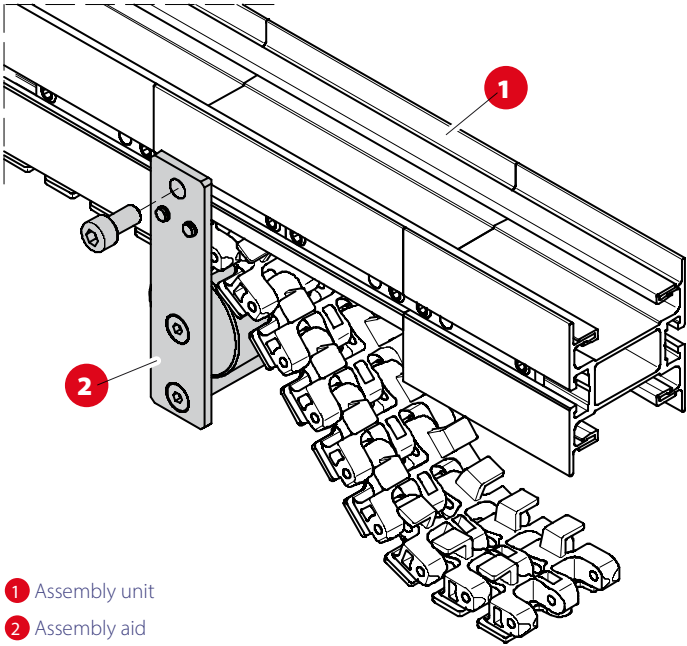




Chain assembly aid

- Facilitates feeding the conveyor chain into the line.
- It is attached to the lower side of the chain assembly unit after removing the cover plate and sub-frame.
- Not suitable for chains with catch plates, catch/accumulating rollers or grippers.

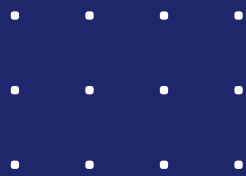
		PROD.NO.	
Assembly aid	FS CS065SL	J927 823	1



- 1 Assembly unit
- 2 Assembly aid



Other FS Solutions conveyor systems
Including standard components,
application solutions and
aluminium profile systems



Mat-Top Conveyor aluminium or INOX, straight transport

- Chain widths from 160 up to 1200 mm
- Different designs: horizontal-, incline and/or decline Z-shaped
- Small chain pitch



Mat-Top Conveyor aluminium or INOX, straight and curved transport

- Chain widths from 232 up to 631 mm
- 3-dimensional transport
- Low maintenance



STRETCH_LINE Conveyor

- Chain widths from 65 up to 200 mm
- 3-dimensional transport
- Low maintenance



Belt Conveyor aluminium or INOX, straight transport

- Belt widths from 80 up to 1200 mm
- Direct or center drive
- Drum- or drive motor



Chain Conveyor CS VC INOX

- Chain width 82 and 114 mm
- Direct- or center drive
- Suited for high hygiene requirements



Heavy XLBP Mat-Top conveyor aluminium

- Chain widths from 255 up to 765 mm
- Very low friction between chain and product (less damage to products)
- Low tension in the chain ensures a clear energy saving



Mat-Top conveyor aluminium, straight transport Nose bar

- Chain widths from 152 up to 1066 mm
- Small nose transition
- Transition band: easy to deploy between 2 systems
- Chain pitch 8 mm



Standard components

- Pusher, cross-over, divider
- Transitions between conveyors
- Puck handling, shielding etc.



Application solutions

- Buffer tables
- Vertical transport systems, gripper systems
- Sorter systems, flow splitters etc.



Aluminium profile system

- Wide assortment
- Robust and corrosion resistant
- Simple and flexible assembly

Applications from everyday practice

The innovative solutions provided by CS Conveyor systems guarantee a rational flow of materials in production – also where high demands are placed on speed, noise emissions, servicing and maintenance.

Take advantage of our expertise that has grown over many years. We are your innovative developer and reliable supplier of standardised and customised applications.

Automotive industry, FS CS065SL



Food industry, FS CS090SL



Cosmetics industry, FS CS090SL

Applications from everyday practice



Automotive industry, FS CS200SL

Pharma industry, FS CS065SL



Food industry: Filling, FS CS065SL



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