

Stretchline FS CS200SL



STRETCH_LINE

Version 2. July 2025



fs solutions

by hellomoov



FS CS200SL 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



Packaging unit



Material



Colour



Surface



Weight



Tools



Cutting profile to length



Left-hand version LS/
right-hand version RS



Type/Version



Fabrication



Mounting



Energy Efficiency

System related



Chain Type



Maximum permissible
chain pulling force



Maximum conveying
speed



Maximum permissible
line length



Drive motor



Conveyor chain material



Profile series



Effective chain length



Effective chain length -
inside curve



Effective chain length -
outside curve

Dimensions



Sizes, dimensions



Width



Length



Thread



Idler radius



Idler angle



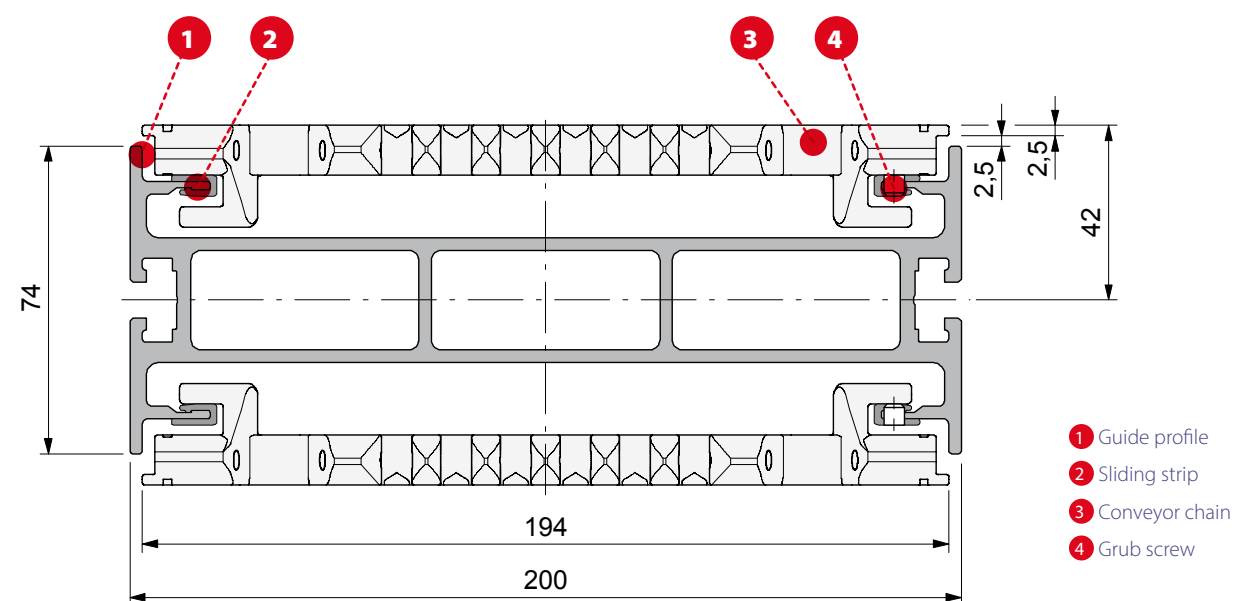
Drive pitch diameter



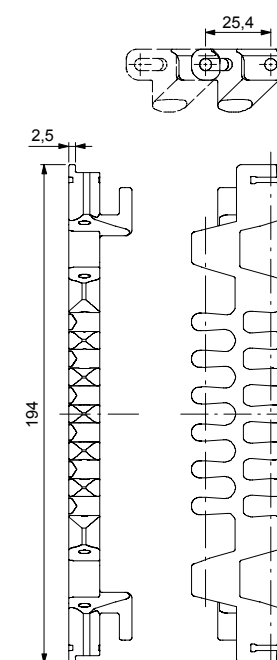
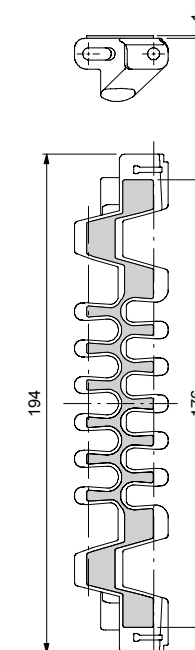
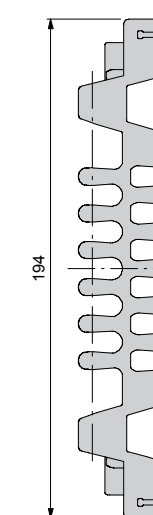
**Feeding, filling, packaging
individual items and onward
conveyance in bulk containers,
cardboard boxes etc.**

- Overall width 200 mm
- Chain width 194 mm
- Product/container width 100 - 400 mm
- Max. product weight 15 kg
- Maximum load 200 kg
- Max. conveying length 30 m
- Max. conveying speed 90 m/min

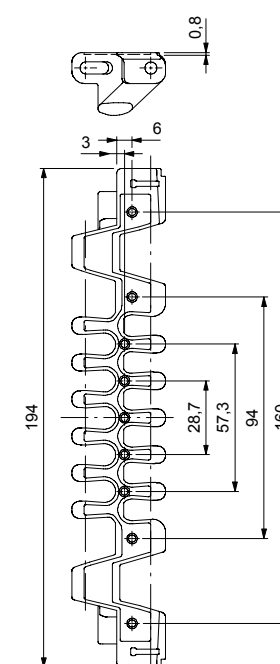
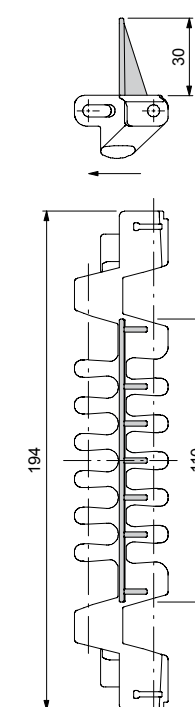
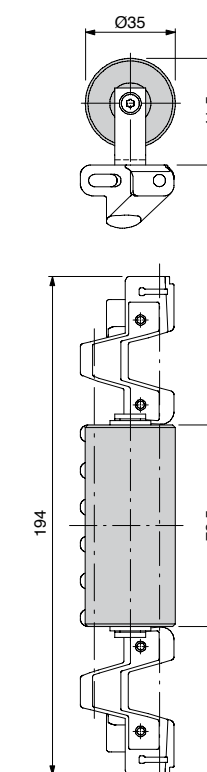
- Available drives:
 - Vertical drives
 - Direct drives
 - Center drives
- Compatible with railing system:
 - Variable guide width 100 - 450 mm
 - Variable guide height 15 - 400 mm



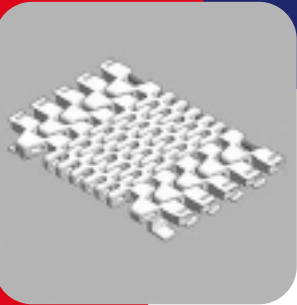
FS CS200SL standard chain

FS CS200SL chain with
friction liningFS CS200SL antistatic
chain

FS CS200SL universal chain

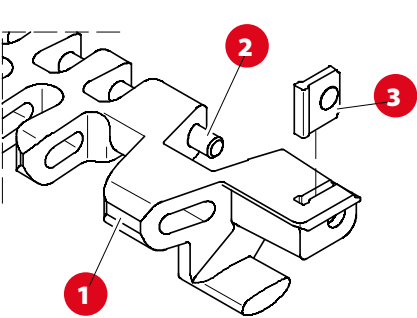
FS CS200SL chain with
catch plateFS CS200SL chain with
catch rollers

FS CS200SL
Line components

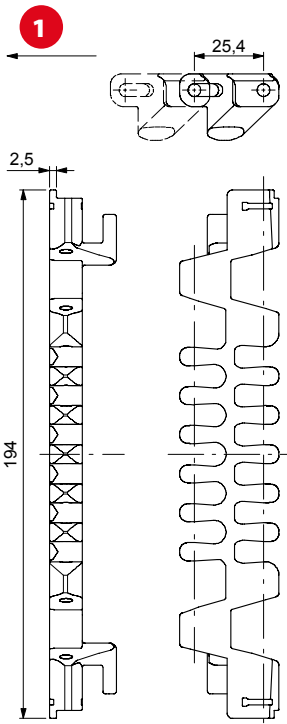


Chain FS CS200SL standard

- Standard chain for horizontal conveyance.
- Suitable for accumulating conveyor mode.
- Pin-connected, articulating chain links.
- Lock for securing pin.



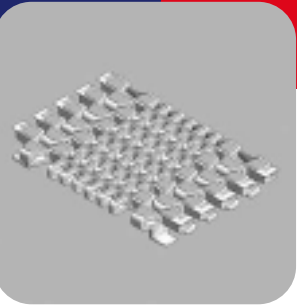
- 1 Chain link
- 2 Chain pin
- 3 Lock



1 Direction of travel

	PROD.NO.					
Chain CS200SL, standard	J535 069	4,0 m	POM	white	3,0 kg/m	1500 N
Chain link, individual	J535 072	10	POM	white		1500 N
Chain pin, individual	J534 012	20	stainless steel	grey		
Chain CS200SL, standard blue	J535069.101	4,0 m	POM	blue	3,0 kg/m	1500 N
Lock, individual	J535 071	40	POM	white		

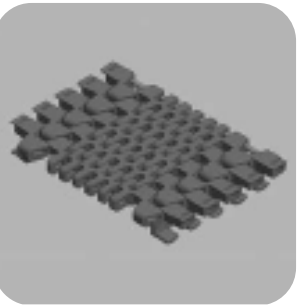
FS CS200SL
Line components



Chain FS CS200SL with friction lining

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

	PROD.NO.					
Chain CS200SL, with friction lining	J535 074	4,0 m	PA	white	2,7 kg/m	750 N
Chain link, individual	J535 075	10	PA	white		750 N
Chain pin, individual	J534 012	20	stainless steel	grey		
Lock, individual	J535 071	40	POM	white		

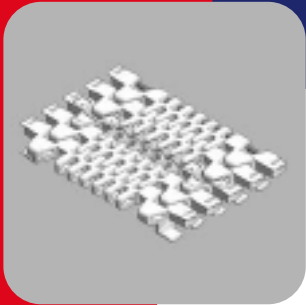


Chain FS CS200SL antistatic

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

	PROD.NO.					
Chain CS200SL, antistatic	J535 079	4,0 m	POM	black	3 kg/m	1200 N
Chain link, individual	J535 090	10	POM	black		1200 N
Chain pin, individual	J534 012	20	stainless steel	grey		
Lock, individual	J535 071	40	POM	black		

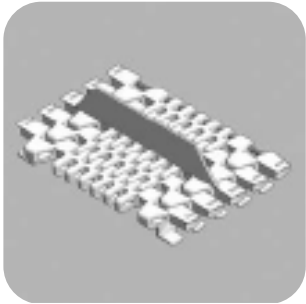
FS CS200SL
Line components



Chain CS200SL 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.

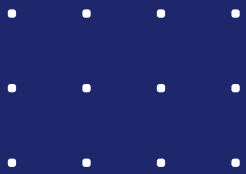
	PROD.NO.					
Chain link, individual	J535 076	10	POM	white	3,0kg/m	1000 N
Chain pin, individual	J534 012	20	stainless steel	grey		
Lock, individual	J535 071	40	POM	white		



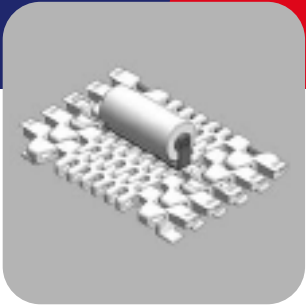
Chain CS200SL with catch plate

- Chain for vertical conveyance.
- Chain links with catch plates are inserted in the standard chain at recurrent intervals.
- Catch plate height 30 mm.

	PROD.NO.					
Chain link, individual	J535 073	10	POM	white	3,1kg/m *	1500 N
Chain pin, individual	J534 012	20	Stainless steel	grey		
Lock, individual	J535 071	40	POM	white		



FS CS200SL
Line components



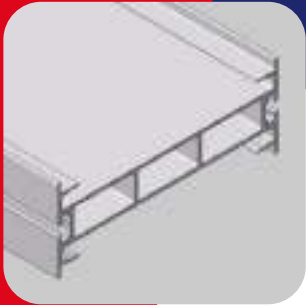
Chain FS CS200SL with catch rollers

- 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	J535 077	10	POM	white	3,6kg/m *	1000 N
Chain pin, individual	J534 012	20	stainless steel	grey		
Lock, individual	J535 071	40	POM	white		

FS CS200SL

Line components



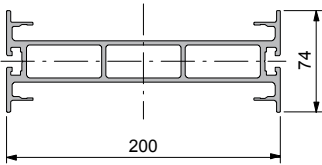
- Guide profile FS CS200SL
- Line lengths over 6000 mm can be produced by using joints.

	PROD.NO.			
Guide profile CS200SL	J924 179	6,0 m	EN AW-6063 T66	E6/EV1 anodised finish
Cutting to length	J924 969	1		

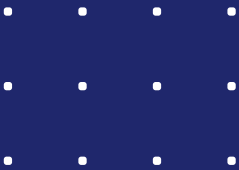
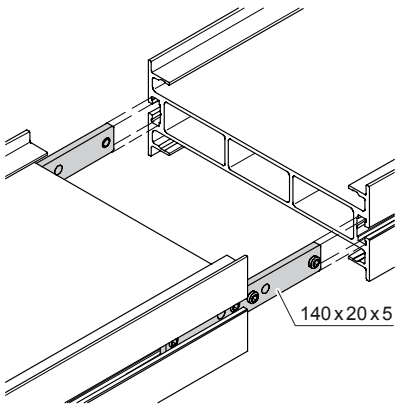


- Line joint CS SL
- Joints are pushed into the profile groove and fixed in place with the premounted grub screws.
 - No additional work to the profile is necessary.

	PROD.NO.			
Line joint	J927 803	2	steel	galvanised

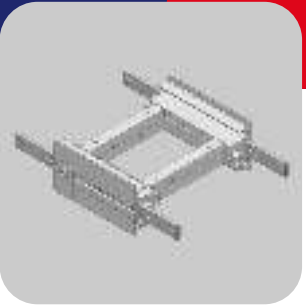


Cross section



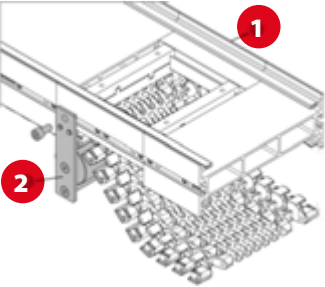
FS CS200SL

Line components

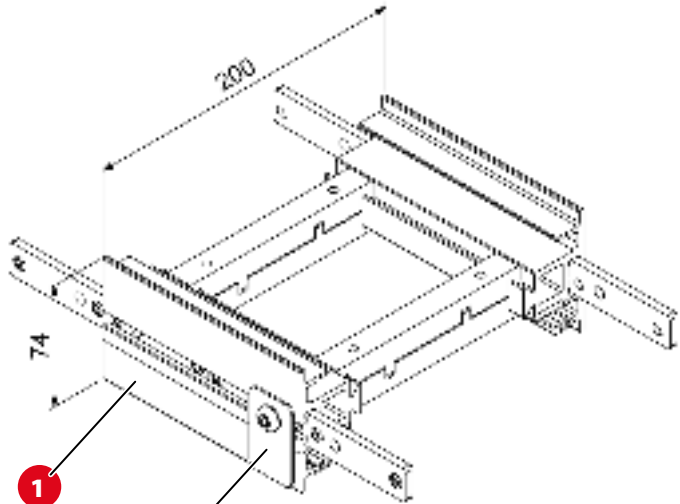


- Chain assembly unit FS CS200SL
- The chain assembly unit allows you to feed the chain into the assembled line.
 - Can be fitted at any point within the line.
 - Line joints are included in delivery.
 - The sub-frames must be removed for feeding the conveyor chain into the line.
 - After fitting the 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-frames.

Using the chain assembly aid



- 1 Assembly unit
- 2 Assembly aid



- 1 Sub-frame
- 2 Cover

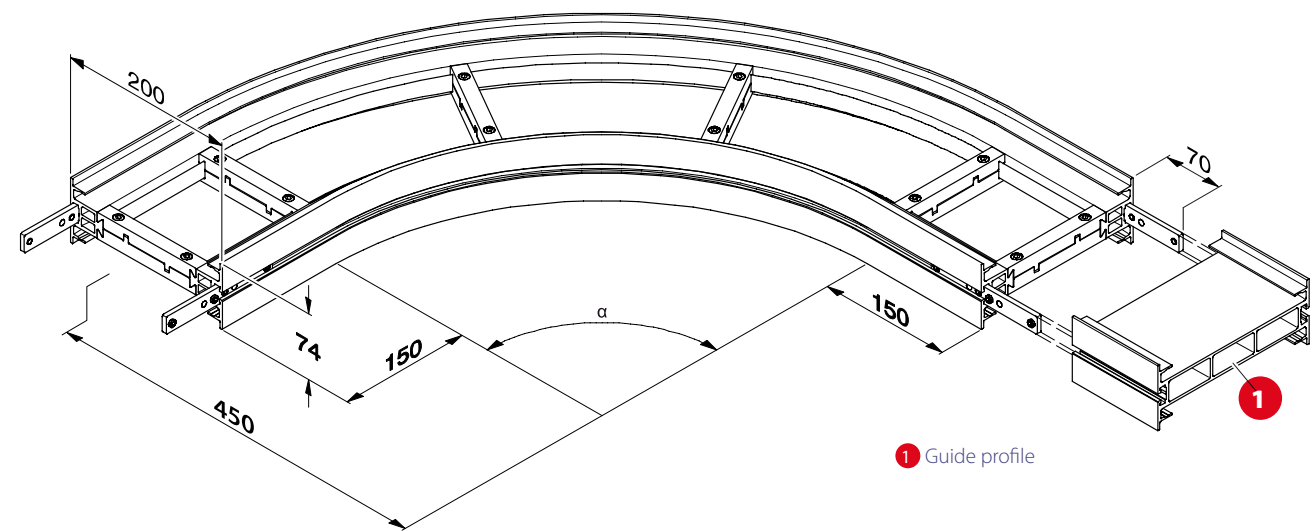
	PROD.NO.	
Chain assembly unit CS200SL	J927 826	1
Assembly aid	J927 821	1

Horizontal sliding curves FS CS200SL



- Horizontal sliding curve.
- Various angles available. The radius specified is based on the line centre.
- Min. radius: 450 mm.

Horizontal sliding curve FS CS200SL, R450/90°



1 Guide profile

			PROD.NO.		
Horizontal sliding curve	450 mm	30°	J927 746	1	2x 0,57 m
		45°	J927 747		2x 0,70 m
		60°	J927 748		2x 0,84 m
		90°	J927 750		2x 1,10 m

other idler angles on request

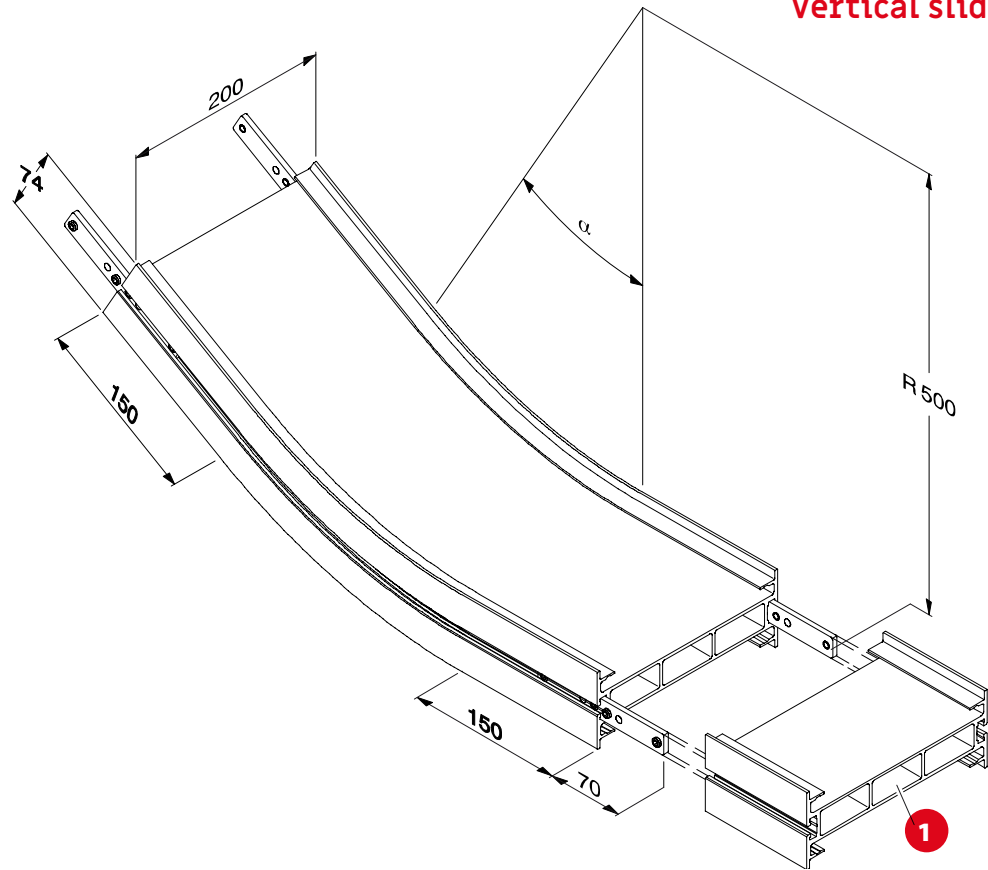
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Vertical sliding curves FS CS200SL



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

Vertical sliding curve FS CS200SL, R500/30°



1 Line section guide profile

			PROD.NO.				
Vertical sliding curve	500 mm	5°	J927 745	1	0,34 m	0,35 m	0,69 m
		7°	J927 772		0,36 m	0,37 m	0,73 m
		10°	J927 773		0,38 m	0,39 m	0,77 m
		15°	J927 774		0,42 m	0,44 m	0,86 m
		20°	J927 775		0,46 m	0,49 m	0,95 m
		30°	J927 777		0,54 m	0,58 m	1,12 m
		45°	J927 784		0,67 m	0,72 m	1,39 m
		60°	J927 802		0,79 m	0,86 m	1,65 m
		90°	J927 828		1,03 m	1,14 m	2,17 m

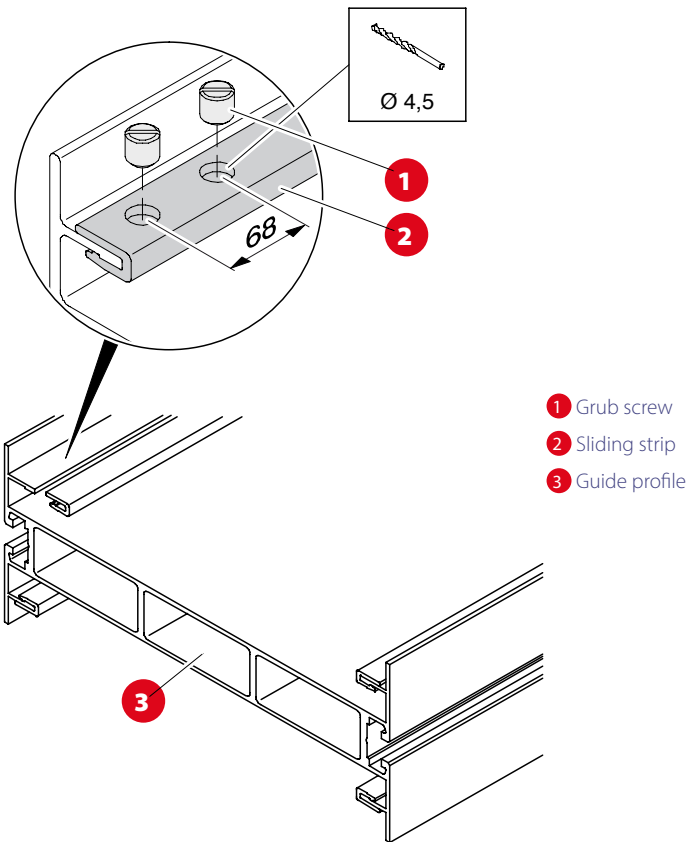
other idler angles on request

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 higher 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.



	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		

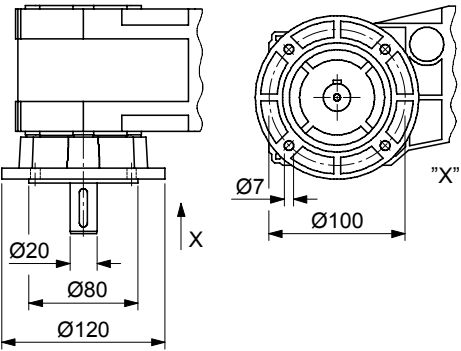
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Vertical drives FS CS200SL



- 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.

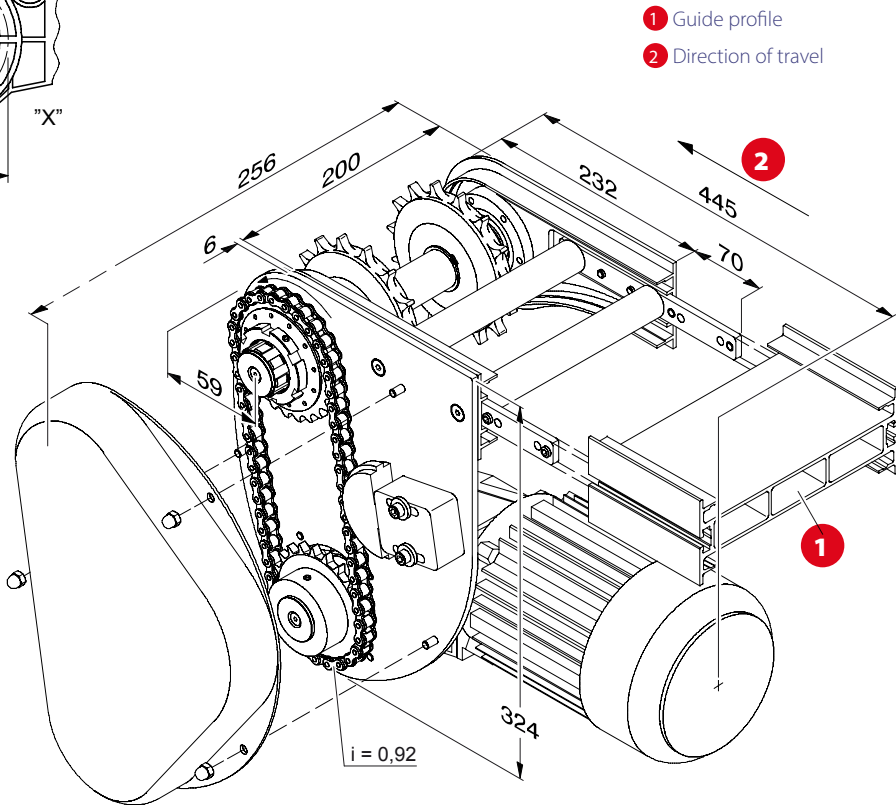
Connecting dimensions for motor



Note

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

FS CS200SL vertical drive, left-hand version



			PROD.NO.						
	RS LS				m	N	m/min	mm	m
Vertical drive	LS	○	J927 797	1	30	800	60	118,5	0,55
	RS	●	J927 798						
	LS/RS	■	on request						

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

STRETCH_LINE

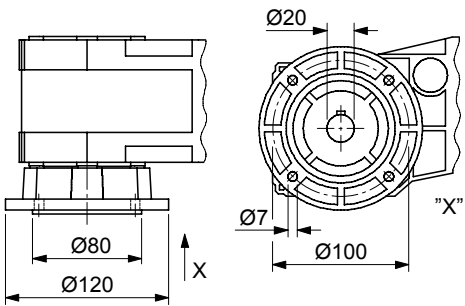
FS CS200SL DRIVES
Direct drives FS CS200SL



- 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.

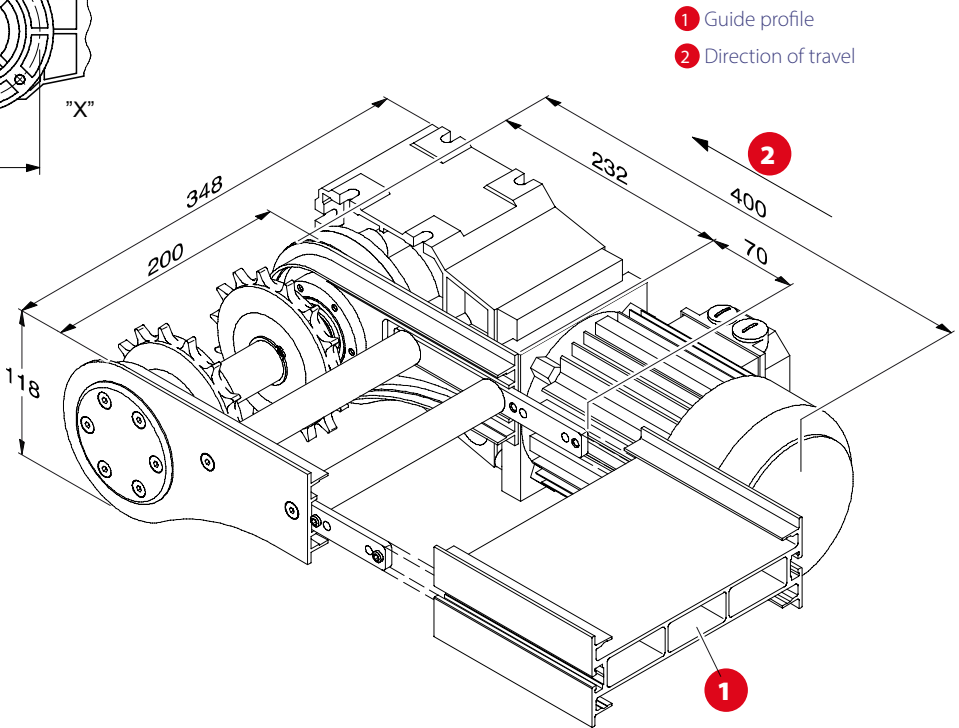


Connecting dimensions
for motor



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

FS CS200SL direct drive,
right-hand drive motor



	RS LS		PROD.NO.						
Direct drive	LS	○	J927 799	1	30	1250	60	118,5	0,55
	RS	○	J927 801						
	LS/RS	●	■ on request						

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

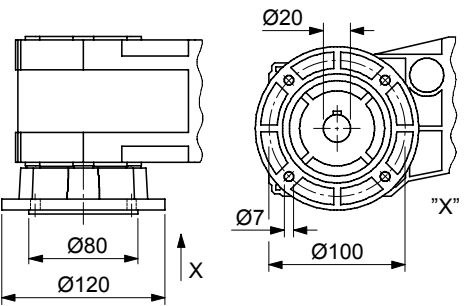
FS CS200SL DRIVES
Direct centre drives FS CS200SL



- Compact design.
- The drive motor is positioned at the side of the guide profile - left or right.
- For smooth chain circulation and minimum wear, the drive should be positioned as close as possible to the idler at the end of the line.
- Conveying direction can be reversed during operation.
- Antistatic version on request.

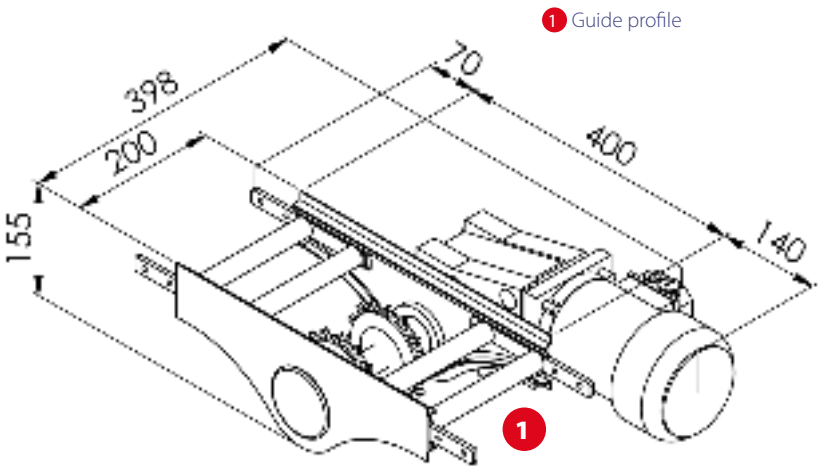


Connecting dimensions
for motor



Note
Observe rating and servicing details in "Basic technical information".
The unit can be used as a left-hand version by turning it in the line.

Direct centre drive FS CS200SL,
right-hand drive motor



	RS LS			PROD.NO.					
Direct centre drive	LS/RS	○	40	J927800	1	10	400	118,5	0,83
	LS/RS	○		■ on request					
	LS/RS	●		■ on request					

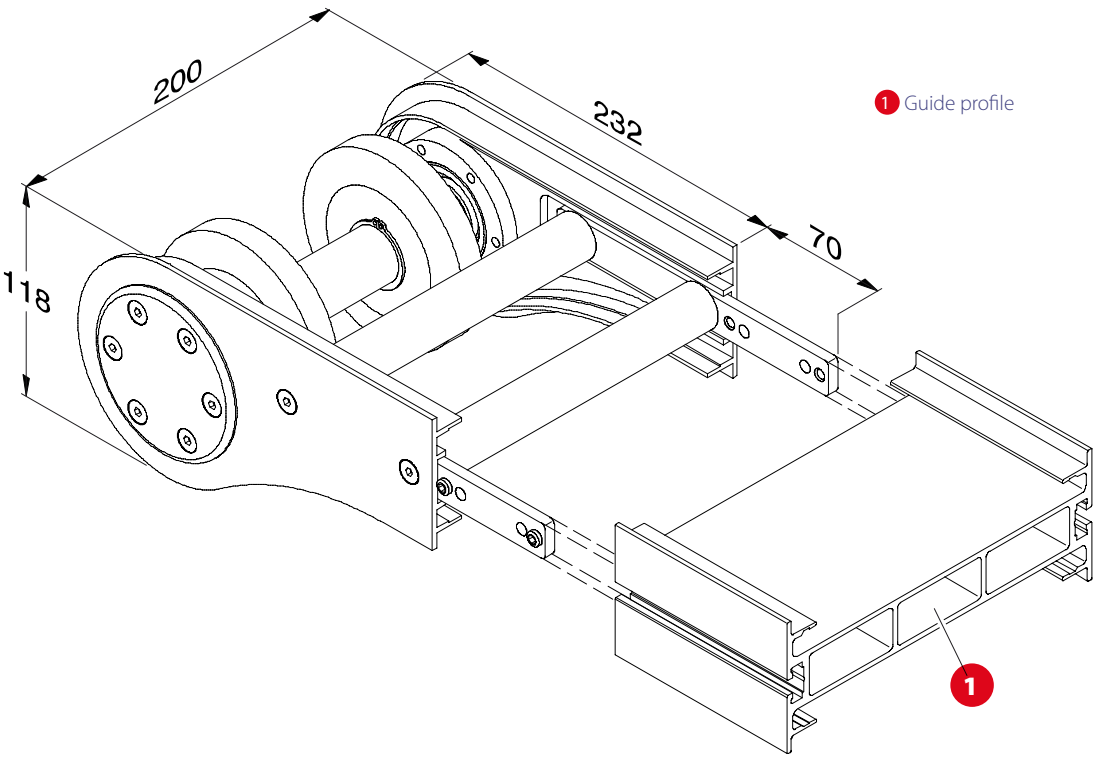
LS/RS left-hand/right-hand version ●/○ with/without motor ■ specify conveyor speed

FS CS200SL IDLERS
Vertical idler FS CS200SL

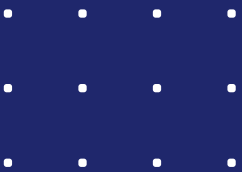


- Vertical idler for installing at the end of the conveyor line.
- Idler and guide profile are of equal width, line transitions can be created without a gap.

FS CS200SL vertical idler, 180°



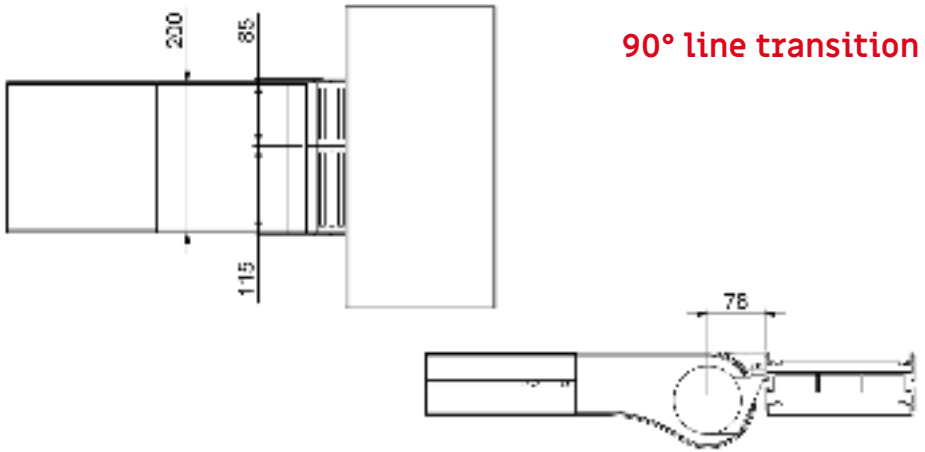
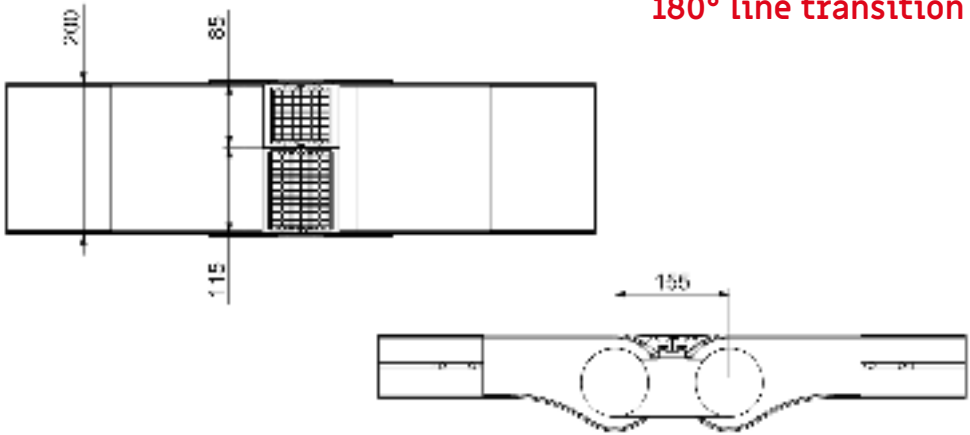
		PROD.NO.		
Vertical idler CS200SL, 180°	180°	J927 827	1	0,55 m



FS CS200SL ACCESSORIES
Non-driven roll transfer CS SL



- Passive roll transfer
- Including 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!

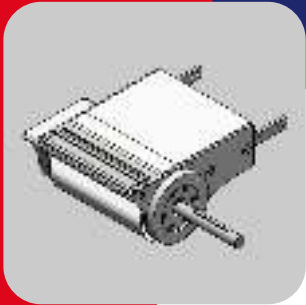
Short conveyed items
can be left behind at the
point of transfer

			PROD.NO.		
Non-driven transfer	FS CS200SL	90°	883603-900	1	stainless steel/plastic
		180°	883603-910		

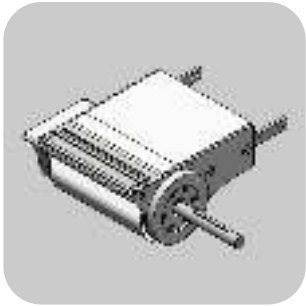
other non-driven roll transfer on request

FS CS200SL ACCESSORIES

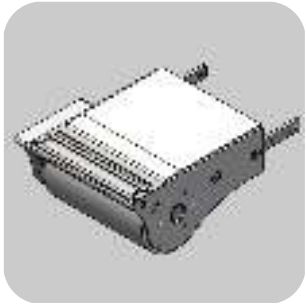
Driven roll transfer CS SL



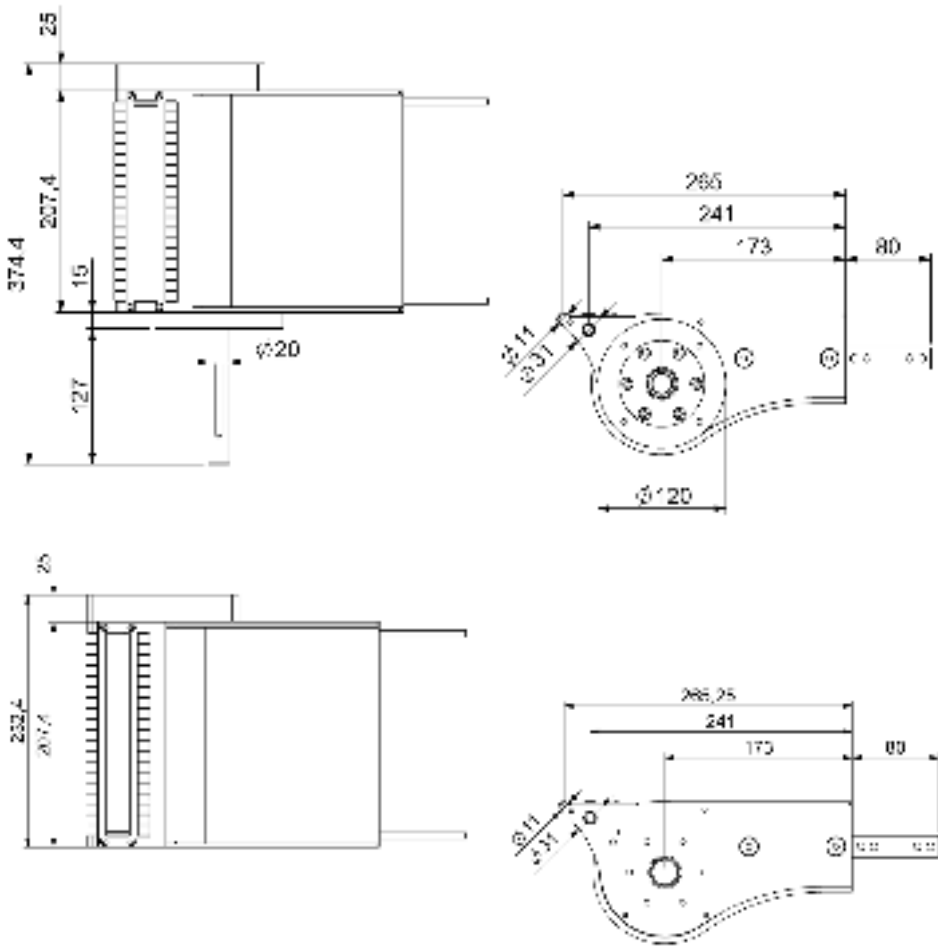
- Driven roll transfer. Available as left and right handed version
- Including assembly accessories for 180° line transitions
- Not suitable for chains with catch plates, catch/accumulating rollers or grippers
- Transmission by multiple round belts to minimize maintenance and production stops



Drive section



Idler unit



	RSLS	PROD.NO.				
Driven roll transfer - drive section	LS	880120-001	1	stainless steel/ aluminium	0,55m	
	RS	880120-002				
Driven roll transfer - idler unit	LS	880120-003				
	RS	880120-004				

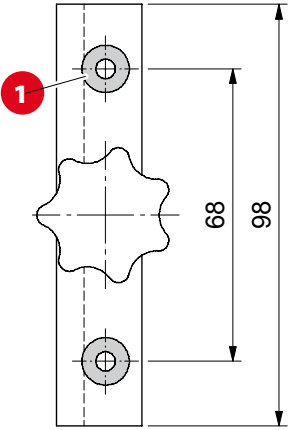
rubberized drive roller on request LS/RS left-hand/right-hand version

Tools



- 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



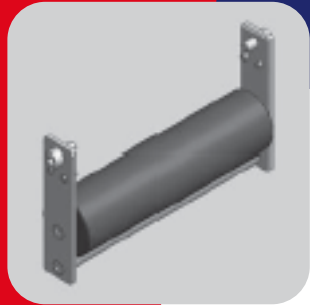
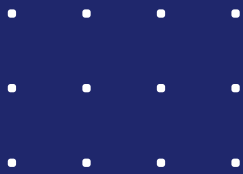
1 4.5 mm dia. drilling bush



- Cutting pliers
- For cutting of sliding strips

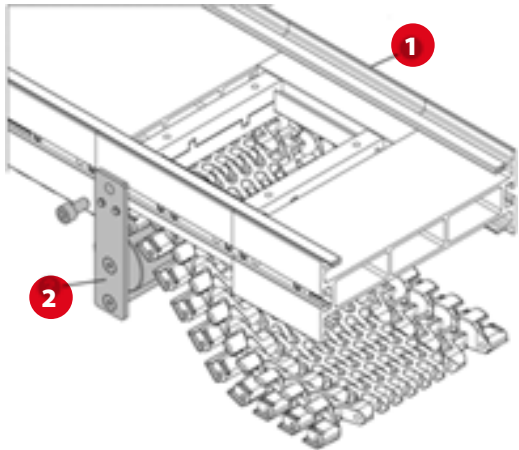
	PROD.NO.	
Cutting pliers	J537 130	1





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.
- Not suitable for chains with catch plates, catch/accumulating rollers or grippers.



- 1 Assembly unit
- 2 Assembly aid

		PROD.NO.	
Assembly aid	FS CS200SL	J927 821	1



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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