

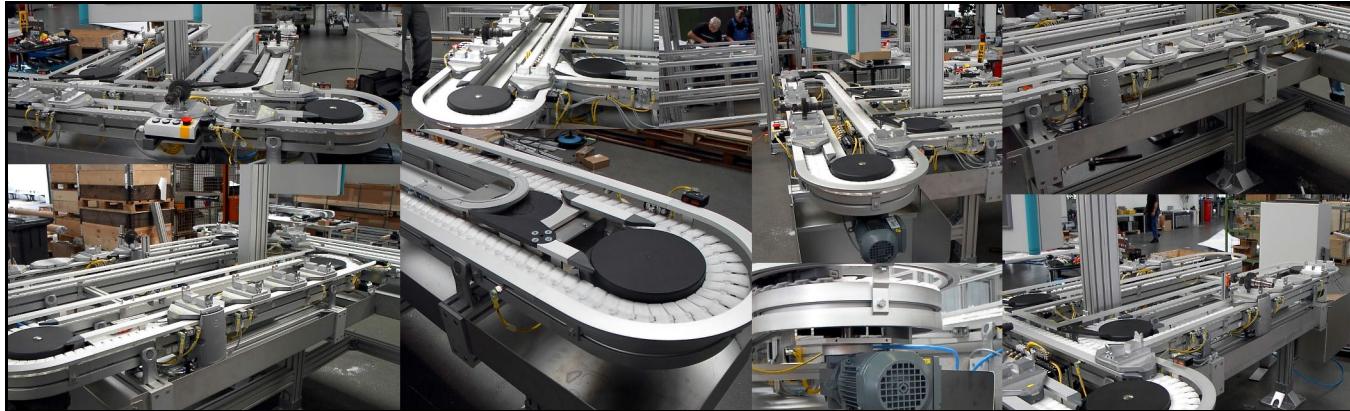
Configurable Components

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Building a FlexLink system



Modules and components

When designing a FlexLink system the general idea is to take advantage of pre-designed function modules as much as possible. Using Online Store it is possible to configure in very short time to design systems ranging from support to complex modules.

In addition, individual components are available to create special functions, modify existing ones, or to serve as spare parts.

Configuration tools

For many products, online configuration tools must be used when ordering. Item numbers (designations) which refer to use of the tools are grey in the catalogue, which means that they cannot be used for ordering.

Configuration principles

FlexLink's system is designed to be very flexible with regard to the price-performance requirements. The following performance levels have been established:

Basic

- A conveyor solution for light load/speed applications
- High quality products tailored for low load/speed applications
- Light load with chain pull up to 300 N and speed below 40 m/min

Standard

- A conveyor solution for the average application
- Light load with chain pull up to 800 N and speed below 60 m/min

High performance

- Conveyors for high load or high speed applications
- Light load with chain pull up to 1250 N and speed below 80 m/min
- Low noise
- Low dust generation

High speed

- Conveyors for speeds up to 130 m/min

Conductive

- Conveyors with conductive materials

Tough environment

- Conveyors for applications in dirty environments or with foreign particles or with fluid chemicals
- High wear resistance
- Chemical resistance

Based on these performance levels, the configuration tools point the user to the most suitable combination of features to fulfil the requirements. Configuration recipes are available that guide selection of drive unit version and speed, slide rail material, chain types, bend types, etc. For pallet handling devices, it is possible to specify pallet type, support options, sensors, etc. Price and delivery information is given instantly.

Once configured you can download a CAD STEP-file of the actual configuration.

The configuration tool is easy to learn and available around the clock.

My FlexLink

My FlexLink is an extended FlexLink.com and is your portal for simplified engineering and business.

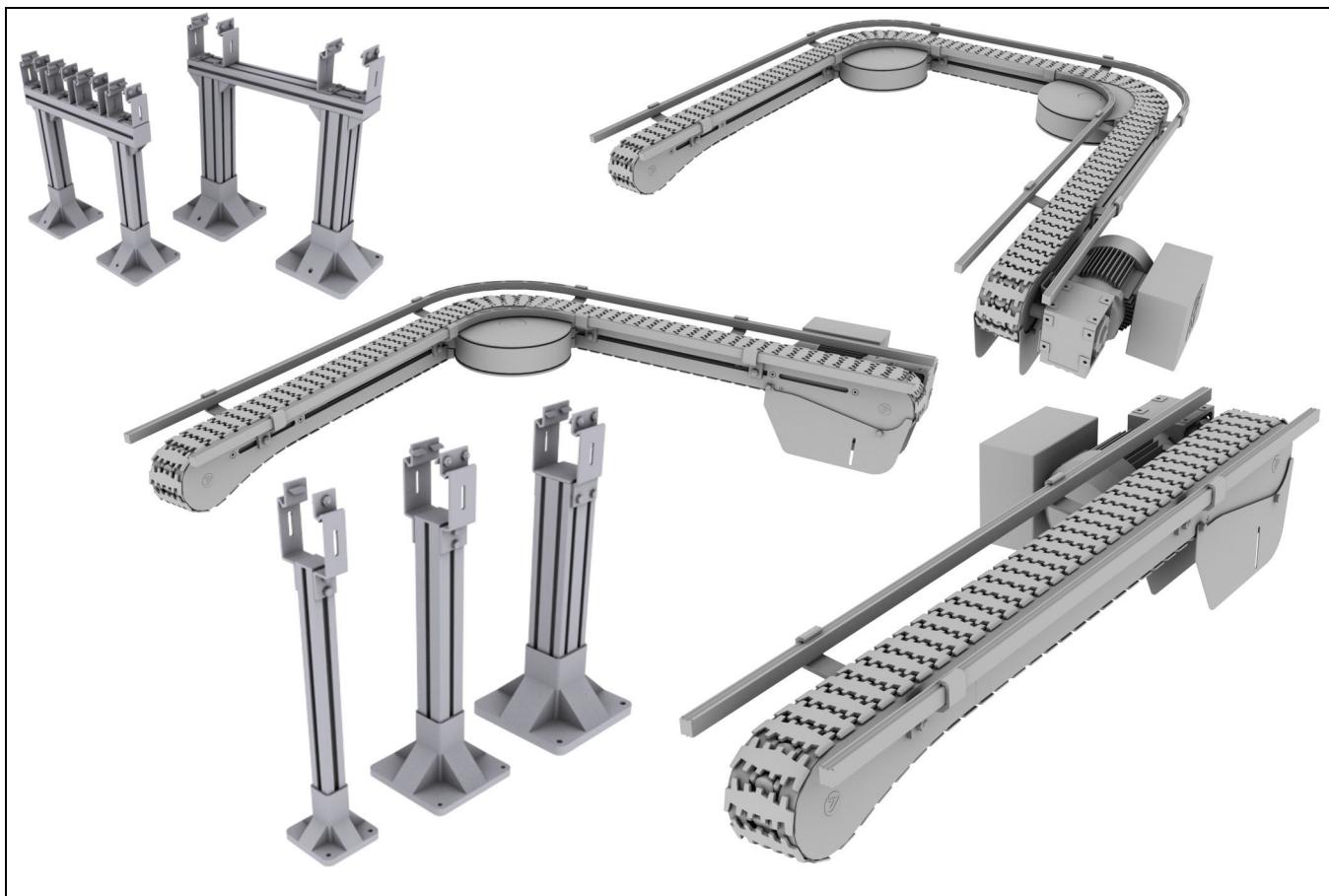
It contains:

- Online Store
- Customer Room
- Intelligent Conveyor Software
- Engineering Tools

To access all above, register and gain immediate access.

The screenshot shows the homepage of the My FlexLink website. At the top, there is a navigation bar with links for 'Select Customer', 'Search Products', 'Shopping Cart (0/0)', and 'Order Archive'. Below the navigation bar, there are search and import buttons, and links for 'Customer: FlexLink PSD Decking, Projects', 'User: SEJEDO', 'Contact', 'Settings', 'Terms And Conditions', 'My FlexLink (Logout)', 'Admin', and 'English'. The main content area features a grid of product categories. Each category has a thumbnail image, a title, and material options (Aluminum or Stainless Steel). The categories are:

| Product Group | Product Type | | |
|--|---|--|--|
| Chains and Accessories | Conveyor Beams Aluminum Stainless Steel | Bends Aluminum Stainless Steel | Drive Units Aluminum Stainless Steel |
| Idler Units Aluminum Stainless Steel | Slide Rails and Accessories | Tools | Drip Tray Systems |
| Front Pieces | Guide Rails Aluminum Stainless Steel | Guide Rail Brackets Aluminum Stainless Steel | Connectors, Brackets and Fittings Aluminum Stainless Steel |
| Feet Aluminum Stainless Steel | Structural and Support Beams End caps Aluminum Stainless Steel | Enclosure Items | Fasteners Aluminum Stainless Steel |
| Pallet Modules & Components | Conveyor Modules | Support Modules | Elevators and Spirals |
| Spare Parts | Supplementary Solutions | Software | MS+ Profile Systems |



Conveyor configuration

A range of standard conveyor modules can be ordered using the online configurator tool. Using the configurator, most standard conveying applications can be specified. This includes

- Straight conveyors
- Conveyors with one or two bends
- Conveyor support

The easy-to-use configurator provides price, lead time and a 3D model of the design. It is available around the clock and fully automatic. The configured design is given a configuration ID when it is saved. This ID is then used to identify the module when ordering.

Configuration procedure

To use the configurator, login to www.flexlink.com. First-time users need to register. After logging in, just go to “My FlexLink” and select “Online store” in the drop-down menu. Then select “Configure modules” and click on “Conveyor modules”. Several configuration choices are presented. Click on the desired product and follow the instructions on the screen.

Configuration recipes

To make the configuration easy and straight-forward, configuration recipes have been created. A recipe is a group of configuration parameters suitable for a specific application profile. The X85 recipes are

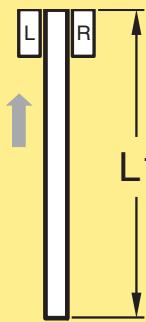
- Basic
- Standard
- High speed
- High performance
- Tough environment
- Conductive

Applying a recipe in the configurator will specify such parameters as type of drive unit, slide rail material, chain material, guide rail type, etc.

CC
X45
XS
X65
X65P
X85
X85P
XH
XK
XKP
X180
X300
GR
CS
XT
HU
WL
WK
XC
XF
XD
ELV
CTL
FST
TR
APX
IDX

Modular conveyors

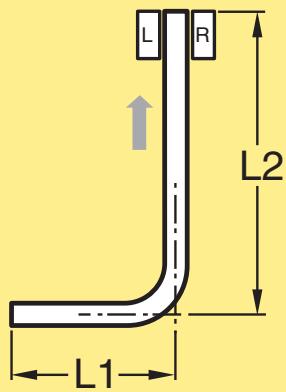
Straight conveyor



Conveyor module – straight * **5990226**

*Use online configurator when ordering

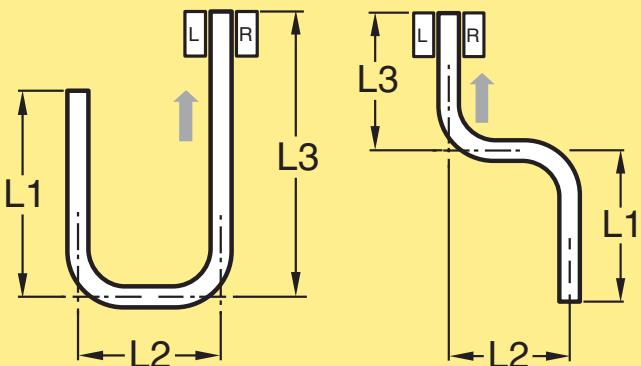
One bend conveyor



Conveyor module – one bend * **5990230**

*Use online configurator when ordering

Two bend conveyor



Conveyor module – two bends * **5990237**

*Use online configurator when ordering

Support modules – single and multi-lane



5995387 Single diecast



5995388 Single end adjustable



5995389 Single end guide roller



5995390 Single foot plate



5995391 Single two/three-point



5995392 Single XB



5995393 Multi single 2 lane



5995394 Multi single 3 lane



5995395 Multi single 4 lane



5995396 Multi double 2lane



5995397 Multi double 3 lane



5995398 Multi double 4 lane



5995400 Drive unit end



5995401 Drive unit inline transfer



5995402 Drive unit wheel bend

Straight conveyor module and Conveyor module with one or two bends – Configuration strings

CC

X45

Straight conveyor with fixed speed motor

| A | B | I | J |
|-----|---|------|---|
| X85 | - | 3000 | - |

XS

X65

Two bend conveyor with variable speed motor

| A | B | C | D | E F | G H | I | J |
|-----|---|------|---|------|-----|-----|---|
| X85 | - | 3000 | - | 3000 | - | R90 | - |

X65P

X85

A - Platform

Selected platform

G - 2nd bend direction

R: Right

X85P

B - Length L1

Selected length (mm)

L: Left

XH

C - Length L2

Selected length (mm)

H - Angle

Wheel bend angle: 30, 45, 90, 180

XK

Plain bend angle: 15, 30, 45, 60, 90

XKP

(position is omitted for straight and single bend conveyor)

D - Length L3

Selected length (mm)

(position is omitted for straight and single bend conveyor)

X180

(position is omitted for straight and single bend conveyor)

E - 1st bend direction

R: Right

I - Speed

V...: Fixed speed ... m/min

GR

L: Left

V... - ...: Variable speed range ...-... m/min

CS

(position is omitted for straight and single bend conveyor)

J - Motor power

... kW: Motor power, kW

XT

F - Angle

Wheel bend angle: 30, 45, 90, 180

HU

Plain bend angle: 15, 30, 45, 60, 90

WL

(position is omitted for straight and single bend conveyor)

WK

XC

XF

XD

ELV

CTL

FST

TR

APX

IDX

Support modules – Configuration strings

Single support, height 900

| A | B | C | F |
|-----|---|--------|-------------|
| X85 | - | Single | 64x64 - 900 |

3 lane support with two legs

| A | B | C | D | E | F |
|-----|---|-------|---------------|---|-----|
| X85 | - | Multi | 88x88 - 3 - 2 | - | 850 |

A - Platform

Selected platform

B - Support type

Single

Drive unit

Stainless

Multi

C - Beam size

44x44

66x66

88x88

DIA. 60 mm

D - Number of conveyor

2 (position is omitted for non-multi)

3 (position is omitted for non-multi)

4 (position is omitted for non-multi)

E - Number of legs

1 (position is omitted for non-multi)

2 (position is omitted for non-multi)

F - Top of chain

Selected height (mm)

Below are two examples of text strings obtained from the configurator with explanations.

Straight conveyor with 24 voltage motor

| Item No | A | I |
|---------|------|--------|
| XUUC SP | 3000 | - 24 V |

Two bend conveyor with 400 voltage motor

| Item No | A | B | C | D | E | F | G | H | I | J |
|---------|------|--------|--------|-----|-------|-----|------|---------|---------|---------|
| XUUC U | 1500 | - 1500 | - 1500 | - R | - 180 | - L | - 90 | - 50 Hz | - 400 V | - V13,5 |

A – Length L1

Selected length (mm)

B – Length L2

Selected length (mm)
(position is omitted for straight conveyor)

C – Length L3

Selected length (mm)
(position is omitted for straight conveyor)

D – 1st bend direction

R: Right
L: Left
(position is omitted for straight conveyor)

E – Angle

Plain bend angle: 30, 45, 90, 180
(position is omitted for straight conveyor)

F – 2nd bend direction

R: Right
L: Left
(position is omitted for straight and single bend conveyor)

G – Angle

Plain bend angle: 30, 45, 90, 180
(position is omitted for straight and singe bend conveyor)

H – Frequency

Frequency: 50, 60
(position is omitted for 24 voltage motor)

I – Voltage

Voltage: 24, 400

J – Motor speed

V... Fixed speed ... m/min
(position is omitted for 24 voltage motor)

X45 vertical conveyor – Configuration strings

Below are two examples of text strings obtained from the configurator with explanations.

Vertical conveyor with 24 voltage motor

| Item No | A | B | C | D | E | G | | | | | |
|---------|------|---|-----|---|------|---|----|---|------|---|-----|
| XUUC VP | 3000 | - | 300 | - | 1000 | - | 15 | - | Down | - | 24V |

Vertical conveyor with 400 voltage motor

| Item No | A | B | C | D | E | F | G | H | | | | | | | |
|---------|------|---|----|---|------|---|---|---|----|---|-------|---|------|---|-------|
| XUUC V | 3500 | - | 60 | - | 1500 | - | 5 | - | Up | - | 50 Hz | - | 400V | - | V13.5 |

A – Total length

Selected length (mm)

B – Height (Z)

Selected length (mm)

C – Length L1

Selected length (mm)

D – Angle

Vertical bend angle: 5, 15

E – Direction

Up
Down

F – Frequency

Frequency: 50, 60
(position is omitted for 24 voltage motor)

G – Voltage

Voltage: 24, 400

H – Motor speed

V... Fixed speed ... m/min
(position is omitted for 24 voltage motor)

Spiral elevator

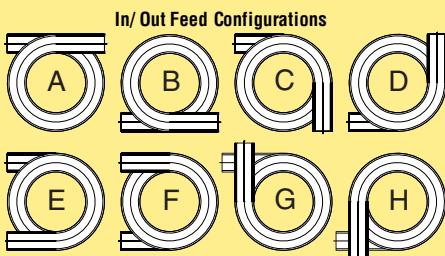
Ordering information

Example of a string obtained from the configurator:

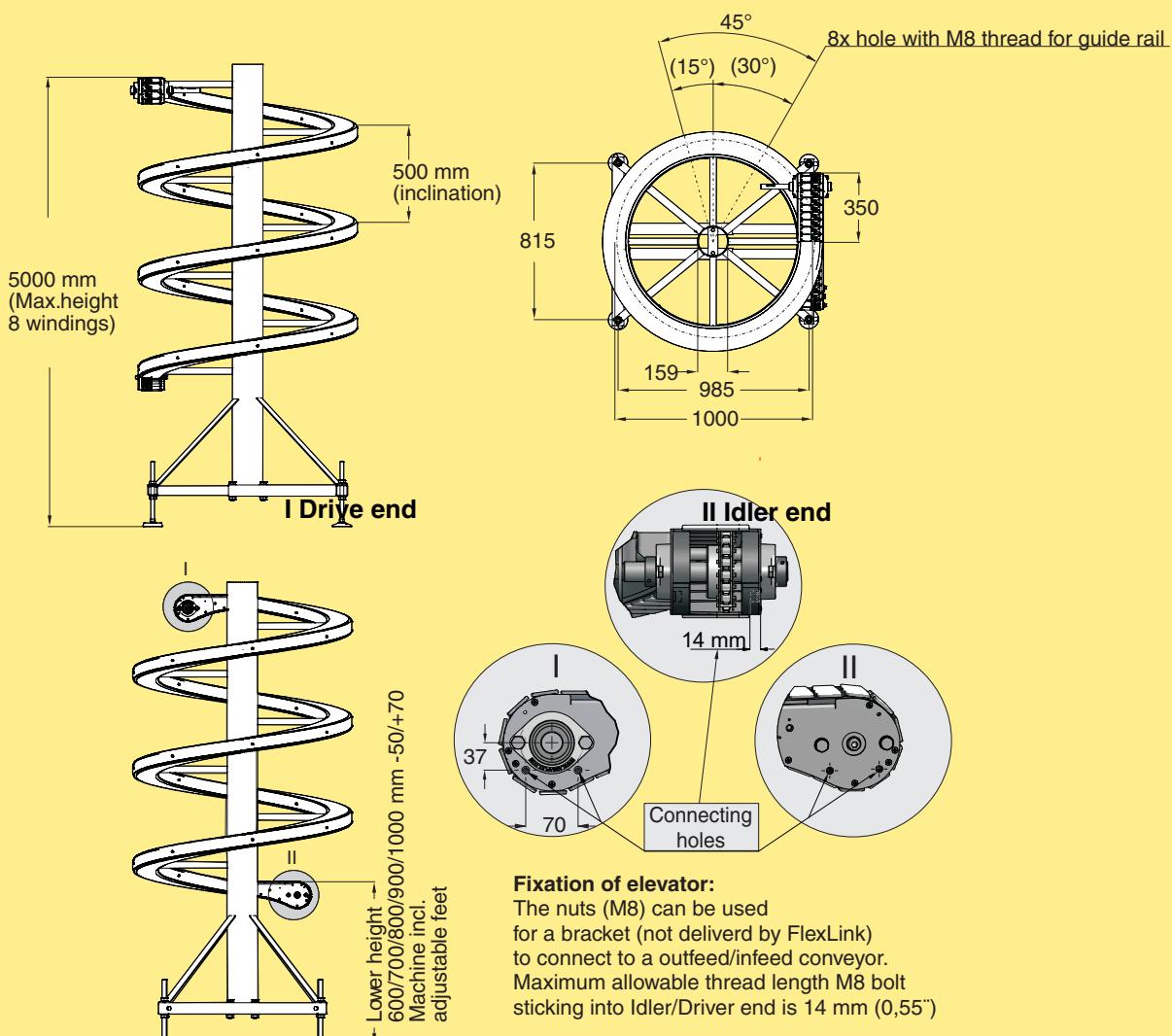
| Item no | A | B | C | D | E | F | G | H | I |
|---------|-----|--------|-------|-----|-----|------|-------|-----|------|
| 5995512 | 100 | - 1000 | - 500 | - S | - A | - TU | - 800 | - 3 | - 25 |

5995512- Item number (Standard)

- A Chain width
- B Spiral center of chain diameter
- C Incline per winding
- D Mild steel (S) material configuration
- E Configuration e.g. A
- F Transport direction up/down TU or TD
- G Lower height 600/700/800/900/1000
- H Number of windings 3-8 (Standard)
- I Shaft diameter 20 mm (SA37), 25 mm (SA47) and 30 mm (SA47)



Spiral elevator, Standard

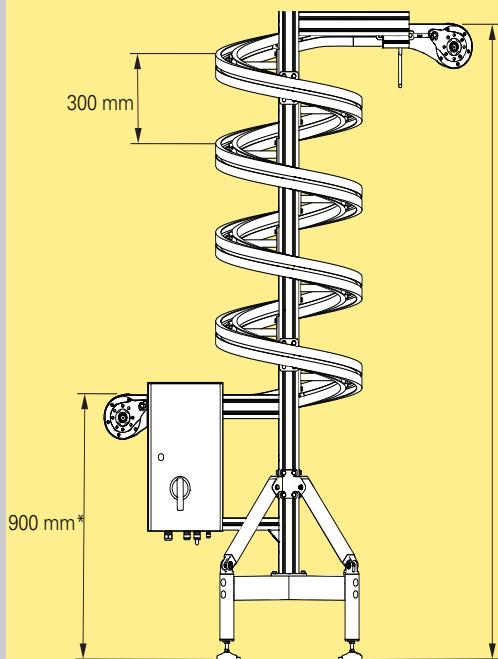


5995512

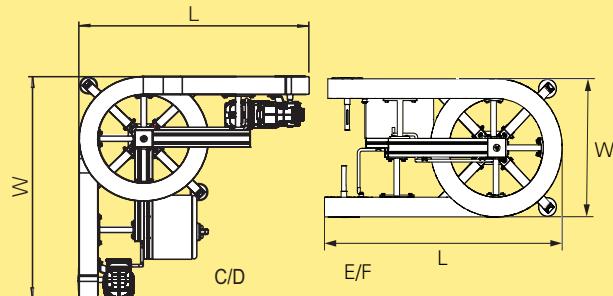
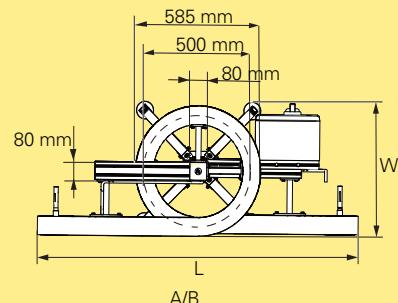
Spiral elevator (Standard)
Lower height 600, 700, 800, 900 or 1000 mm

Use online configurator when ordering.

Spiral elevator, Compact X85



A/B- 2150, 2450, 2750 mm
C/D- 2225, 2525, 2825 mm
E/F- 2300, 2600, 2900 mm



| Configuration | A/B | C/D | E/F |
|----------------------|------------|-------------|------------|
| Footprint L x W [mm] | 1500 x 585 | 1040 x 1040 | 1100 x 585 |

In/out configuration

Spiral elevator, Compact X85

*Lower height

5131024 **A**
5131025 **B**
5130008 **C**
5130009 **D**
5131026 **E**
5131027 **F**

Use online configurator when ordering.

Below, example of text strings obtained from the configurator with explanations.

Input

Platform: "X85"

Chain type: "XBTF 5A85 U"

CC distance (mm) [133..167]: "167" (depending on the PAR value, the CC distance will change.)

PAR 1-20: "5" (depending on the CC distance, the PAR value will change.)

Total desired length (m): "26"

| Parameter | Conveyor type | X85 | XH | XK | X180/X300 |
|-----------------|---------------|------|------|------|-----------|
| Chain pitch, mm | 25,4 | 33,5 | 35,5 | 38,1 | 33,5 |

Output

Chain pitch: "33,5" (see table below)

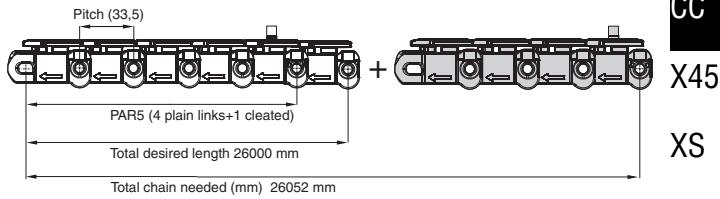
| Parameter | Conveyor type | X85 | XH | XK | X180/X300 |
|-----------------|---------------|------|------|------|-----------|
| Chain pitch, mm | 25,4 | 33,5 | 35,5 | 38,1 | 33,5 |

Actual CC distance (mm): The selected CC distance will be round off to the closest value which matches the chain pitch.

E.g. for value 400, Platform X85 (pitch 33,5 mm), CC distance= 400 mm, the Actual CC will be 402 mm.

Actual chain length (mm): The actual length depending on the CC/PAR value and that the chain always ends with a cleated link. This causes the length to vary from 3000-3250 mm or 5000 to 5500 mm depending on selected platform.

Total chain needed (mm): "26 052" (All configurable chains start with a number of plain links in this case 4 links before the cleat link (PAR5)). The desired length is 26 000 mm and the chain pitch for X85 is 33,5 mm. This creates an incorrect number of plain links before the last cleat link. The length is corrected by adding plain links (according to the desired PAR value) and a cleated link after the "last" cleat link. See picture.



Qty to be delivered: "6" (The desired length is 26 m and items will be delivered in multiples of 5 -meter lengths; to cover demand of necessary length, 6 packages of chains are needed.)

Configuration result:

| Item no | Qty | Description |
|-------------|-----|------------------|
| XBTF 5A85 U | 6 | XBTF 5A85 U PAR5 |

| | | | | |
|-----|-----|-----|------|------|
| CC | X45 | XS | X65 | X65P |
| XH | XK | XKP | X180 | X300 |
| GR | CS | XT | HU | WL |
| XC | XF | XD | ELV | CTL |
| FST | TR | APX | IDX | |

Drive units X45H – Configuration strings

Below are two examples of text strings obtained from the configurator with explanations.

Drive unit with fixed speed motor

| Item no | A | B | D | E | G | H | I | | | | | | |
|---------|----|---|---|---|----|---|------|---|--------|---|--------|---|----|
| XTEB | NP | - | L | - | V4 | - | SA37 | - | 50/230 | - | 0,18kW | - | TF |

Drive unit with variable speed motor

| Item no | A | B | D | E | F | G | J | K | | | | | | | |
|---------|------|---|---|---|-------|---|------|---|------|---|------------|---|---|---|---|
| XTEB | MNPV | - | L | - | V6-15 | - | WA20 | - | MM03 | - | 50/380-500 | - | C | - | P |

Item no - Drive type

XTEB: End drive

A – 0-Unit

MNP: Medium, direct drive, no slip clutch

NP: Heavy, direct drive, no slip clutch

....V: Variable speed

B – Motor position

L: Left

R: Right

D – Speed

V...: Fixed speed... m/min

V... -...: Variable speed range...-... m/min

E – Gearbox

WA20: SEW motor type WA20

SA37: SEW motor type SA37

F – Movimot size

MM03: SEW Movimot type, 0,37 kW

MM05: SEW Movimot type, 0,55 kW

MM07: SEW Movimot type, 0,75 kW

MM11: SEW Movimot type, 1,1 kW

(position is omitted for fixed speed motors)

G – Electrical environment

50/230: 50 Hz, 230 V

50/400: 50 Hz, 400 V

60/230: 60 Hz, 230 V

60/460: 60 Hz, 460 V

60/575: 60 Hz, 575 V

50/380-500: SEW Movimot variable speed motor

60/380-500: SEW Movimot variable speed motor

H – Motor power

... kW: Motor power, kW

(position is omitted for variable speed motors

see position F)

I – Thermal protection

No: No thermal protection

TF: Thermal protection type TF

TH: Thermal protection type TH

(position is omitted for variable speed motors)

J – Hybrid cable

No: No hybrid cable

C: Hybrid cable included in SEW Movimot

(position is omitted for fixed speed motors)

K – Fieldbus

No: No fieldbus

P: Profibus fieldbus, maintenance switch

D: DeviceNet fieldbus, maintenance switch

(position is omitted for fixed speed motors)

Below are two examples of text strings obtained from the configurator with explanations.

Drive unit with fixed speed motor

| Item no | A | B | D | E | G | H | I | | | | | | |
|---------|---|---|---|---|----|---|------|---|--------|---|--------|---|----|
| XSEB | H | - | L | - | V4 | - | SA37 | - | 50/230 | - | 0,18kW | - | TF |

Drive unit with variable speed motor

| Item no | A | B | D | E | F | G | J | K | | | | | | | |
|---------|-----|---|---|---|-------|---|------|---|------|---|------------|---|---|---|---|
| XSEB | HPV | - | L | - | V6-15 | - | WA20 | - | MM03 | - | 50/380-500 | - | C | - | P |

Item no - Drive type

- XSEB: End drive
- XSEW: Horizontal bend drive
- XSEB DD: Double drive

A – 0-Unit

- HP: Heavy, direct drive, slip clutch
- H: Heavy, suspended motor, slip clutch
-V: Variable speed

B – Motor position

- L: Left
- R: Right

D – Speed

- V...: Fixed speed... m/min
- V... -...: Variable speed range....-... m/min

E – Gearbox

- S37: SEW motor type S37
- SA37: SEW motor type SA37

F – Movimot size

- MM03: SEW Movimot type, 0,37 kW
- MM05: SEW Movimot type, 0,55 kW
- MM07: SEW Movimot type, 0,75 kW
- MM11: SEW Movimot type, 1,1 kW
- (position is omitted for fixed speed motors)

G – Electrical environment

- 50/230: 50 Hz, 230 V
- 50/400: 50 Hz, 400 V
- 60/230: 60 Hz, 230 V
- 60/460: 60 Hz, 460 V
- 60/575: 60 Hz, 575 V
- 50/380-500: SEW Movimot variable speed motor
- 60/380-500: SEW Movimot variable speed motor

H – Motor power

- ... kW: Motor power, kW
(position is omitted for variable speed motors see position F)

I – Thermal protection

- No: No thermal protection
- TF: Thermal protection type TF
- TH: Thermal protection type TH
(position is omitted for variable speed motors)

J – Hybrid cable

- No: No hybrid cable
- C: Hybrid cable included in SEW Movimot
(position is omitted for fixed speed motors)

K – Fieldbus

- No: No fieldbus
- P: Profibus fieldbus, maintenance switch
- D: DeviceNet fieldbus, maintenance switch
(position is omitted for fixed speed motors)

Drive units X85 – Configuration strings

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

Drive unit with fixed speed motor

| Item no | A | C | C | E | F | H | I | J | | | | | | | |
|----------|-----|---|---|---|---|---|----|---|------|---|--------|---|--------|---|----|
| XBEB A85 | HNP | - | L | - | G | - | V4 | - | SA37 | - | 50/230 | - | 0,18kW | - | TF |

Drive unit with variable speed motor

| Item no | A | C | E | F | G | H | K | L | | | | | | | |
|----------|------|---|---|---|-------|---|------|---|------|---|------------|---|---|---|---|
| XBEB A85 | MNPV | - | L | - | V6-15 | - | WA20 | - | MM03 | - | 50/380-500 | - | C | - | P |

Double drive unit with variable speed motor

| Item no | A | B | C | E | F | G | H | K | L | | | | | | | | |
|-------------|------|---|-----|---|---|---|-------|---|-------|---|------|---|------------|---|---|---|---|
| XBEB DD A85 | HPDV | - | 250 | - | L | - | V6-20 | - | SA 37 | - | MM05 | - | 50/380-500 | - | C | - | P |

Item no - Drive type

- XBEB: End drive
XBEC: Catenary drive
XBER: Intermediate drive
XBEW: Horizontal bend drive
XBEB DD: Double drive

A – 0-Unit

- CNP: Compact, direct drive, no slip clutch
MNP: Medium, direct drive, no slip clutch
HNP: Heavy, direct drive, no slip clutch
HP: Heavy, direct drive, slip clutch
D: Double drive
H: Heavy, suspended motor, slip clutch
....V: Variable speed

B – CC distance

- CC distance (mm)_ [86] Fixed
CC distance (mm)_ [130-350] Variable
(position is omitted for non double drive)

C – Motor position

- L: Left
R: Right

D – End drive with guided chain

- G: Guided (position is omitted for non-guided)

E – Speed

- V...: Fixed speed... m/min
V... -...: Variable speed range... - ... m/min

F – Gearbox

- WA10: SEW motor type WA10
WA20: SEW motor type WA20
S37: SEW motor type S37
SA37: SEW motor type SA37

G – Movimot size

- MM03: SEW Movimot type, 0,37 kW
MM05: SEW Movimot type, 0,55 kW
MM07: SEW Movimot type, 0,75 kW
MM11: SEW Movimot type, 1,1 kW
(position is omitted for fixed speed motors)

H – Electrical environment

- 50/230: 50 Hz, 230 V
50/400: 50 Hz, 400 V
60/230: 60 Hz, 230 V
60/460: 60 Hz, 460 V
60/575: 60 Hz, 575 V
50/380-500: SEW Movimot variable speed motor
60/380-500: SEW Movimot variable speed motor

I – Motor power

- ... kW: Motor power, kW
(position is omitted for variable speed motors
see position G)

J – Thermal protection

- No: No thermal protection
TF: Thermal protection type TF
TH: Thermal protection type TH
(position is omitted for variable speed motors)

K – Hybrid cable

- No: No hybrid cable
C: Hybrid cable included in SEW Movimot
(position is omitted for fixed speed motors)

L – Fieldbus

- No: No fieldbus
P: Profibus fieldbus, maintenance switch
D: DeviceNet fieldbus, maintenance switch
(position is omitted for fixed speed motors)

Below are two examples of text strings obtained from the configurator with explanations.

Drive unit with fixed speed motor

| Item no | A | B | C | D | E | G | H | I |
|---------|-----|-----|-----|------|--------|----------|----------|------|
| XHEB | HNP | - L | - G | - V4 | - SA37 | - 50/230 | - 0,18kW | - TF |

Drive unit with variable speed motor

| Item no | A | B | D | E | F | G | J | K |
|---------|------|-----|---------|--------|--------|--------------|-----|-----|
| XHEB | HNPV | - L | - V6-15 | - WA20 | - MM03 | - 50/380-500 | - C | - P |

Item no - Drive type

- XHEB: End drive
- XHEC: Catenary drive
- XHER: Intermediate drive
- XHEW: Horizontal bend drive
- XHEB DD: Double drive

A – 0-Unit

- HNP: Heavy, direct drive, no slip clutch
- HP: Heavy, direct drive, slip clutch
- H: Heavy, suspended motor, slip clutch
- ...V: Variable speed

B – Motor position

- L: Left
- R: Right

C – End drive with guided chain

- G: Guided (position is omitted for non-guided)

D – Speed

- V...: Fixed speed... m/min
- V... -...: Variable speed range.... m/min

E – Gearbox

- WA10: SEW motor type WA10
- WA20: SEW motor type WA20
- S37: SEW motor type S37
- SA37: SEW motor type SA37

F – Movimot size

- MM03: SEW Movimot type, 0,37 kW
- MM05: SEW Movimot type, 0,55 kW
- MM07: SEW Movimot type, 0,75 kW
- MM11: SEW Movimot type, 1,1 kW
- (position is omitted for fixed speed motors)

G – Electrical environment

- 50/230: 50 Hz, 230 V
- 50/400: 50 Hz, 400 V
- 60/230: 60 Hz, 230 V
- 60/460: 60 Hz, 460 V
- 60/575: 60 Hz, 575 V
- 50/380-500: SEW Movimot variable speed motor
- 60/380-500: SEW Movimot variable speed motor

H – Motor power

- ... kW: Motor power, kW
(position is omitted for variable speed motors see position F)

I – Thermal protection

- No: No thermal protection
- TF: Thermal protection type TF
- TH: Thermal protection type TH
(position is omitted for variable speed motors)

J – Hybrid cable

- No: No hybrid cable
- C: Hybrid cable included in SEW Movimot
(position is omitted for fixed speed motors)

K – Fieldbus

- No: No fieldbus
- P: Profibus fieldbus, maintenance switch
- D: DeviceNet fieldbus, maintenance switch
(position is omitted for fixed speed motors)

Drive units XK – Configuration strings

Below are two examples of text strings obtained from the configurator with explanations.

Drive unit with fixed speed motor

| Item no | A | B | D | E | G | H | I | | | | | | |
|---------|---|---|---|---|----|---|------|---|--------|---|--------|---|----|
| XKEB | H | - | L | - | V4 | - | SA37 | - | 50/230 | - | 0,18kW | - | TF |

Drive unit with variable speed motor

| Item no | A | B | D | E | F | G | J | K | | | | | | | |
|---------|-----|---|---|---|-------|---|------|---|------|---|------------|---|---|---|---|
| XKEB | HPV | - | L | - | V6-15 | - | WA20 | - | MM03 | - | 50/380-500 | - | C | - | P |

Item no - Drive type

XKEB: End drive

XKEC: Catenary drive

XKEW: Horizontal bend drive

XKEB DD: Double drive

60/380-500: SEW Movimot variable speed motor

H – Motor power

... kW: Motor power, kW
(position is omitted for variable speed motors
see position F)

A – O-Unit

P: Direct drive, slip clutch

H: Heavy, suspended motor, slip clutch

...V: Variable speed

I – Thermal protection

No: No thermal protection

TF: Thermal protection type TF

TH: Thermal protection type TH

(position is omitted for variable speed motors)

B – Motor position

L: Left

R: Right

D – Speed

V...: Fixed speed... m/min

V... -...: Variable speed range...-... m/min

J – Hybrid cable

No: No hybrid cable

C: Hybrid cable included in SEW Movimot
(position is omitted for fixed speed motors)

E – Gearbox

WA10: SEW motor type WA10

WA20: SEW motor type WA20

S37: SEW motor type S37

SA37: SEW motor type SA37

S47: SEW motor type S47 with brake

K – Fieldbus

No: No fieldbus

P: Profibus fieldbus, maintenance switch

D: DeviceNet fieldbus, maintenance switch

(position is omitted for fixed speed motors)

F – Movimot size

MM03: SEW Movimot type, 0,37 kW

MM05: SEW Movimot type, 0,55 kW

MM07: SEW Movimot type, 0,75 kW

MM11: SEW Movimot type, 1,1 kW

(position is omitted for fixed speed motors)

G – Electrical environment

50/230: 50 Hz, 230 V

50/400: 50 Hz, 400 V

60/230: 60 Hz, 230 V

60/460: 60 Hz, 460 V

60/575: 60 Hz, 575 V

50/380-500: SEW Movimot variable speed motor

Below are two examples of text strings obtained from the configurator with explanations.

Drive unit with fixed speed motor

| Item no | A | B | D | E | G | H | I |
|------------------|------------|---|----------|---|-----------|---|-------------|
| XBEB A180 | HNP | - | L | - | V4 | - | SA37 |

Drive unit with variable speed motor

| Item no | A | B | D | E | F | G | J | K |
|------------------|------------|---|----------|---|--------------|---|-------------|---|
| XBEB A180 | HPV | - | L | - | V6-15 | - | WA20 | - |

Item no - Drive type

XBEB: End drive

A – 0-Unit

HNP: Heavy, direct drive, no slip clutch
 HP: Heavy, direct drive, slip clutch
 ...V: Variable speed

B – Motor position

L: Left
 R: Right

C – End drive with guided chain

G: Guided (position is omitted for non-guided)

D – Speed

V...: Fixed speed... m/min
 V... -...: Variable speed range....-... m/min

E – Gearbox

SA37: SEW motor type SA37

F – Movimot size

MM03: SEW Movimot type, 0,37 kW
 MM05: SEW Movimot type, 0,55 kW
 MM07: SEW Movimot type, 0,75 kW
 (position is omitted for fixed speed motors)

G – Electrical environment

50/230: 50 Hz, 230 V
 50/400: 50 Hz, 400 V
 60/230: 60 Hz, 230 V
 60/460: 60 Hz, 460 V
 60/575: 60 Hz, 575 V
 50/380-500: SEW Movimot variable speed motor
 60/380-500: SEW Movimot variable speed motor

H – Motor power

... kW: Motor power, kW
 (position is omitted for variable speed motors
 see position F)

I – Thermal protection

No: No thermal protection
 TF: Thermal protection type TF
 TH: Thermal protection type TH
 (position is omitted for variable speed motors)

J – Hybrid cable

No: No hybrid cable
 C: Hybrid cable included in SEW Movimot
 (position is omitted for fixed speed motors)

K – Fieldbus

No: No fieldbus
 P: Profibus fieldbus, maintenance switch
 D: DeviceNet fieldbus, maintenance switch
 (position is omitted for fixed speed motors)

Drive units X300 – Configuration strings

Below are two examples of text strings obtained from the configurator with explanations.

Drive unit with fixed speed motor

| Item no | A | B | D | E | G | H | I | | | | | | |
|-----------|-----|---|---|---|----|---|------|---|--------|---|--------|---|----|
| XBEB A300 | HNP | - | L | - | V4 | - | SA37 | - | 50/230 | - | 0,18kW | - | TF |

Drive unit with variable speed motor

| Item no | A | B | D | E | F | G | J | K | | | | | | | |
|-----------|-----|---|---|---|-------|---|------|---|------|---|------------|---|---|---|---|
| XBEB A300 | HPV | - | L | - | V6-15 | - | WA20 | - | MM03 | - | 50/380-500 | - | C | - | P |

Item no - Drive type

XBEB: End drive

A – 0-Unit

HNP: Heavy, direct drive, no slip clutch

HP: Heavy, direct drive, slip clutch

....V: Variable speed

B – Motor position

L: Left

R: Right

C – End drive with guided chain

G: Guided (position is omitted for non-guided)

D – Speed

V...: Fixed speed... m/min

V... -...: Variable speed range...-... m/min

E – Gearbox

SA37: SEW motor type SA37

F – Movimot size

MM03: SEW Movimot type, 0,37 kW

MM05: SEW Movimot type, 0,55 kW

MM07: SEW Movimot type, 0,75 kW

(position is omitted for fixed speed motors)

G – Electrical environment

50/230: 50 Hz, 230 V

50/400: 50 Hz, 400 V

60/230: 60 Hz, 230 V

60/460: 60 Hz, 460 V

60/575: 60 Hz, 575 V

50/380-500: SEW Movimot variable speed motor

60/380-500: SEW Movimot variable speed motor

H – Motor power

... kW: Motor power, kW
(position is omitted for variable speed motors
see position F)

I – Thermal protection

No: No thermal protection

TF: Thermal protection type TF

TH: Thermal protection type TH

(position is omitted for variable speed motors)

J – Hybrid cable

No: No hybrid cable

C: Hybrid cable included in SEW Movimot
(position is omitted for fixed speed motors)

K – Fieldbus

No: No fieldbus

P: Profibus fieldbus, maintenance switch

D: DeviceNet fieldbus, maintenance switch

(position is omitted for fixed speed motors)

Below are two examples of text strings obtained from the configurator with explanations.

Drive unit with fixed speed motor

| Item no | A | B | D | E | G | H | I |
|------------------|------------|---|----------|---|-----------|---|-------------|
| WLEB A322 | HNP | - | L | - | V4 | - | SA37 |

Drive unit with variable speed motor

| Item no | A | B | D | E | F | G | J | K |
|------------------|------------|---|----------|---|--------------|-------------|---|-------------|
| WLEB A322 | HPV | - | L | - | V6-15 | SA37 | - | MM03 |

Item no - Drive type

WLEB: End drive

A – 0-Unit

HNP: Direct drive, no slip clutch
 HP: Direct drive, slip clutch
 ...V: Variable speed

B – Motor position

L: Left
 R: Right

D – Speed

V...: Fixed speed... m/min
 V... -...: Variable speed range.... m/min

E – Gearbox

SA37: SEW motor type SA37

F – Movimot size

MM03: SEW Movimot type, 0,37 kW
 MM05: SEW Movimot type, 0,55 kW
 MM07: SEW Movimot type, 0,75 kW
 (position is omitted for fixed speed motors)

G – Electrical environment

50/230: 50 Hz, 230 V
 50/400: 50 Hz, 400 V
 60/230: 60 Hz, 230 V
 60/460: 60 Hz, 460 V
 60/575: 60 Hz, 575 V
 50/380-500: SEW Movimot variable speed motor
 60/380-500: SEW Movimot variable speed motor

H – Motor power

... kW: Motor power, kW
 (position is omitted for variable speed motors
 see position F)

I – Thermal protection

No: No thermal protection
 TF: Thermal protection type TF
 TH: Thermal protection type TH
 (position is omitted for variable speed motors)

J – Hybrid cable

No: No hybrid cable
 C: Hybrid cable included in SEW Movimot
 (position is omitted for fixed speed motors)

K – Fieldbus

No: No fieldbus
 P: Profibus fieldbus, maintenance switch
 D: DeviceNet fieldbus, maintenance switch
 (position is omitted for fixed speed motors)

Drive units WK – Configuration strings

Below are two examples of text strings obtained from the configurator with explanations.

Drive unit with fixed speed motor

| Item no | A | B | D | E | G | H |
|-----------|-----|---|---|----|--------|---------------------|
| WKEB B225 | HNP | - | L | V4 | - SA37 | - 50/230 - 0,18kW - |

Drive unit with variable speed motor

| Item no | A | B | D | E | F | G | J | K |
|-----------|-----|---|---|---------|------|--------|--------------|---------|
| WKEB B225 | HPV | - | L | - V6-15 | SA37 | - MM03 | - 50/380-500 | - C - P |

Item no - Drive type

WKEB: End drive

A – 0-Unit

HNP: Direct drive, no slip clutch

HP: Direct drive, slip clutch

....V: Variable speed

B – Motor position

L: Left

R: Right

D – Speed

V....: Fixed speed... m/min

V... -...: Variable speed range...-... m/min

E – Gearbox

SA37: SEW motor type SA37

F – Movimot size

MM03: SEW Movimot type, 0,37 kW

MM05: SEW Movimot type, 0,55 kW

MM07: SEW Movimot type, 0,75 kW

(position is omitted for fixed speed motors)

G – Electrical environment

50/230: 50 Hz, 230 V

50/400: 50 Hz, 400 V

60/230: 60 Hz, 230 V

60/460: 60 Hz, 460 V

60/575: 60 Hz, 575 V

50/380-500: SEW Movimot variable speed motor

60/380-500: SEW Movimot variable speed motor

H – Motor power

... kW: Motor power, kW

(position is omitted for variable speed motors

see position F)

J – Hybrid cable

No: No hybrid cable

C: Hybrid cable included in SEW Movimot
(position is omitted for fixed speed motors)

K – Fieldbus

No: No fieldbus

P: Profibus fieldbus, maintenance switch

D: DeviceNet fieldbus, maintenance switch
(position is omitted for fixed speed motors)

Drive units