Conveyor system XL

System information

Chain width 63 mm
The XL conveyor is also available in a stainless steel version. See page 393.

Features
Suitable for a wide range of applications. Preferable in high speed applications. Includes components for pallet handling and vertical wedge conveyors.

Examples of application areas
Tissue paper, gear wheels, aerosol cans, medium size ball bearings, piston parts, yoghurt, fuel injectors, dry batteries, plastic bottles, matches, cheese boxes, coffee and tea packages.

Technical characteristics
Drive unit capacity ........................................ 500 N
Chain tension limit ........................................ 500 N
Beam width .................................................. 65 mm
Chain width .................................................. 63 mm
Chain pitch ................................................... 25,4 mm
Item width ................................................... 15–140 mm
30–300 mm*

Maximum item weight
Horizontal transport ........................................ 10/1* kg
Vertical transport ........................................... 2/1* kg
Maximum weight on conveyor .................. 150/80* kg
Maximum conveyor length ....................... 40/8* m

*Applies to vertical wedge conveyor.
Maximum permitted load per link 1,0 kg
Chains XL

Plain chain
- Length 5 m
- Plain link kit *
- XLTP 5
- 5056085
- Plain chain (Ultra low wear)
- Length 5 m
- XLTP 5 C
- n.a.
- * Link kit contains 10 links, 10 pivots, 10 steel pins

Friction top chain
- Length 5 m
- XLTP 5 FP
- Use the online configurator to specify and order.
- Friction top chain, Length 5 m
- XLTP 5 F
- 5056081
- * Link kit contains 10 links, 10 pivots, 10 steel pins

Flat top friction chain
- Length 5 m
- XLTP 5 FA
- 5057606
- * Link kit contains 10 links, 10 pivots, 10 steel pins

Steel top chain
- Length 5 m
- XLTP 5 TF
- 5056076
- Steel top link kit *
- * Link kit contains 10 links, 10 pivots, 10 steel pins

Cleated chain, Type A
- Type A cleats
- Length 5 m
- XLTF 5×4 A
- XLTF 5×5.5 A
- XLTF 5×9 A
- XLTF 5×12 A
- XLTF 5×17 A
- XLTF 5×30 A
- Use the online configurator to specify and order.
- Cleated link kit *
- h=4 mm
- 5056079
- h=5.5 mm
- 5056066
- h=9 mm
- 5056063
- h=12 mm
- 5056074
- h=17 mm
- 5056212
- h=30 mm
- 5056069
- * Link kit contains 10 links, 10 pivots, 10 steel pins

Cleated chain, Type B
- Type B cleats
- Length 5 m
- XLTF 5×12 B
- Use the online configurator to specify and order.
- Cleated link kit *
- 5056073
- * Link kit contains 10 links, 10 pivots, 10 steel pins
**Chains XL (continued)**

**Cleated chain, Type C**

Cleated chain
Type C cleats
Length 5 m
h=12 mm
h=15 mm
h=30 mm

Use the online configurator to specify and order.

Cleated link kit *

h=12 mm
h=15 mm
h=30 mm

* Link kit contains 10 links, 10 pivots, 10 steel pins

**Flexible cleat chain, Type C**

Flexible cleat chain Type C
Length 5 m

Flexible cleat link kit *

Flexible cleat top kit **

Flexible cleat top kit ***

* 10 complete links+pivots+pins
** 10 base links XLTE 63 D+pivots+pins
*** 10 cleat tops XLTX 55 C

**Roller top chain**

Roller top chain
Length 5 m

Use the online configurator to specify and order.

Roller top chain
Length 5 m

Roller top link kit *

Rollers **

* Link kit contains 10 links, 10 pivots, 10 steel pins
** Note. Rollers must be ordered in multiples of 200

**Flexible cleat chain, Type D**

Flexible cleat chain Type D
Length 5 m

Flexible cleat link kit *

Flexible cleat top kit **

* 10 base links XLTE 63 D+pivots+pins.
** 10 cleat tops XLTX 55 D

**Cleated chain**

Cleated chain
Length 5 m

Cleated link kit *

* Link kit contains 10 links, 10 pivots, 10 steel pins
Chain accessories XL

**Plastic pivot**

Plastic pivot XS, XL 5111489
*Plastic pivot kit contains 25 items*

**Steel pin**

Steel pin XS, XL 5111492
*Steel pin kit contains 25 items*

**Pin insertion tool for chain**

Pin insertion tool
XS-XL-XT  XLMJ 4
XS-XL-XT, PRO version XLMJ 4 P
*This product is recommended for frequent users.*

**Conveyor beam**

![Conveyor beam diagram](image)

Beam
Length 3 m (3030 ±5 mm)  XLCB 3
Length to order (30-3000 mm)  XLCB L
*Slide rail: see page 90.
Beam accessories: see page 89.*

**Profile for split conveyor beam**

![Profile for split conveyor beam diagram](image)

Profile for split conveyor beam
Length 3 m (3030 ±5 mm)  XLCB 3 H
Length to order (30-3000 mm)  XLCB L H

**Beam section for chain installation**

![Beam section for chain installation diagram](image)

Beam section for chain installation  XLCC 160
*Including connection strips and screws*

**Beam clip assembly**

![Beam clip assembly diagram](image)

Beam clip assembly  XLCE 29×20
*Including M8 screw and locking nut. Use minimum 5 clips per meter. Place clips 100 mm from each end.*
Beam accessories XL

Connecting strip with set screws

<table>
<thead>
<tr>
<th>M8</th>
<th>a</th>
<th>b</th>
<th>L</th>
</tr>
</thead>
</table>

Connecting strip with set screws

| h=25, a=30, b=50, L=130 |
| h=25, a=44, b=44, L=160 |

Note. Must be ordered in multiples of 10

Cover strip for T-slot, PVC

| Length 25 m |

For XS-XL-X85-XH

Articulated beam section (vertical) XL

Articulated beam section vertical

| XLCH 5 V |

Beam spacer

<table>
<thead>
<tr>
<th>XS</th>
<th>XL</th>
<th>X85/XH</th>
<th>XK</th>
</tr>
</thead>
<tbody>
<tr>
<td>h=16.0 mm</td>
<td>h=15.9 mm</td>
<td>h=10.5 mm</td>
<td>h=0.5 mm</td>
</tr>
</tbody>
</table>

For connection of two conveyor beams side to side. Use M8 screw and slot nut. Two holes must be drilled, one through the spacer (9 mm) and one through the beam, to allow insertion of the screw. The diameter of the second hole depends on the size of the screw head.
## Slide rails XL

### Plastic slide rails for XL, XH beams

<table>
<thead>
<tr>
<th>Slide rail</th>
<th>Length 25 m</th>
<th>HDPE ($\mu=0.1–0.25$) (Black)</th>
<th>XLCR 25</th>
</tr>
</thead>
<tbody>
<tr>
<td>PA-PE ($\mu=0.1–0.25$) (Grey)</td>
<td>XLCR 25 P/H</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PVDF ($\mu=0.15–0.35$) (Natural white)</td>
<td>XLCR 25 P</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PE-UHMW ($\mu=0.1–0.25$) (White)</td>
<td>XLCR 25 U</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PE-UHMW conductive (Black)</td>
<td>XLCR 25 E</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Steel slide rail for XL, XH beams

| Slide rail ($\mu=0.15–0.35$) | Length 3 m | Acid resistant stainless steel | XLCR 3 TA |

### Mounting tool for slide rail

| Mounting tool for slide rail XS, XL | XLMR 140 |

### Aluminium rivets

| Aluminium rivets 4 mm for XL-XH conveyors | XLAH 4×6 |

*Extra slide rail in plain bends must be anchored using plastic screws due to lack of space for the rivet crimping tool.*

*Note. Must be ordered in multiples of 250.*

### Plastic screws for slide rail

| Plastic screws 5 mm for XS-XL-X85-XH-X180/X300 beams | XLAG 5 |

*Note. Must be ordered in multiples of 50*
Slide rails XL, hardened steel

Steel slide rail, straight

Slide rail, hardened steel
Length 3 m

Delivered with 9 predrilled holes

Steel slide rail for wheel bends

Slide rail for bends, hardened steel
Slide rail for bend, XL 30°
Slide rail for bend, XL 45°
Slide rail for bend, XL 90° & 180°

180°: Use 2 pieces of steel slide rail 90°

Stainless steel rivets

Stainless steel rivet, 4 mm

Rivet for anchoring the slide rails. Must be ordered in multiples of 100.

Note. Do not use in applications where metal chips might get stuck in the hole in the rivet.

Brass rivets

Brass rivets (100 pcs)

Rivets for anchoring the slide rails

Cleaner 3M

Cleaner (100 sachets)

Use cleaner on beam and slide rail before attaching glue tape.

Glue tape 3M

Glue tape (for XL, X85, XH)
Length 30 m

Mounting tool for steel slide rail

Mounting tool for XL

Cover strip

Length: 3 m
Material: Plastic PA 12

Cover the opening on the side between the chain and beam. Primarily for straight sections and the outer curves, but can also be mounted on inner curves. Apply using a double-sided tape, see mounting instruction 5497EN in Technical library.
Drive and idler units – introduction

Drive unit types
The XL system includes Compact (C), Medium (M), and Heavy (H) drive units. Drive unit capacities range from maximum 500 N for the H types down to maximum 300 N for the C types. The actual capacity depends on the speed and type of drive unit.

Several configurations are available, including direct driven units with or without slip clutch. Heavy duty drives with suspended motor and transmission chain can also be ordered.

Available motors include variable speed types (V) as well as fixed speed motors (F).

End drive units

<table>
<thead>
<tr>
<th>Size</th>
<th>Direct drive, no slip clutch</th>
<th>Direct drive, slip clutch</th>
<th>Suspended motor, transmission chain, slip clutch</th>
</tr>
</thead>
<tbody>
<tr>
<td>Compact</td>
<td>F</td>
<td>–</td>
<td>–</td>
</tr>
<tr>
<td>Medium</td>
<td>F, V</td>
<td>–</td>
<td>–</td>
</tr>
<tr>
<td>Heavy</td>
<td>F, V</td>
<td>F, V</td>
<td>F</td>
</tr>
<tr>
<td>Heavy, guided</td>
<td>F, V</td>
<td>F, V</td>
<td>–</td>
</tr>
</tbody>
</table>

Intermediate drive units

<table>
<thead>
<tr>
<th>Size</th>
<th>Suspended motor, transmission chain, slip clutch</th>
</tr>
</thead>
<tbody>
<tr>
<td>Heavy</td>
<td>F</td>
</tr>
</tbody>
</table>

Catenary drive units

<table>
<thead>
<tr>
<th>Size</th>
<th>Suspended motor, transmission chain, slip clutch</th>
</tr>
</thead>
<tbody>
<tr>
<td>Heavy</td>
<td>F</td>
</tr>
</tbody>
</table>

Wheel bend drive units

<table>
<thead>
<tr>
<th>Size</th>
<th>Suspended motor, transmission chain, slip clutch</th>
</tr>
</thead>
<tbody>
<tr>
<td>Heavy</td>
<td>F</td>
</tr>
</tbody>
</table>

Double drive units

<table>
<thead>
<tr>
<th>Size</th>
<th>Suspended motor, transmission chain, slip clutch</th>
</tr>
</thead>
<tbody>
<tr>
<td>Heavy</td>
<td>F</td>
</tr>
</tbody>
</table>

Motor specifications
Motors are available for 230/400 V, 50 Hz and 230/460 V or 330/575 V, 60 Hz. All motors except those for Compact drive units can be connected for delta or star configuration by means of jumpers.

Variable speed motors are SEW Movimot, 380–500 V. Note that variable speed motors include a control box that adds 93 mm to the width of the motor.

Idler unit types
Idler units are available in two versions, Compact and Heavy.

Ordering information
Drive units with motors must be specified using the web-based configurator. The configurator provides detailed information and step-by-step guidance in the specification process. A product code string is generated, containing the specification details. See next page for examples of code strings.

Drive units without motors can be ordered using the designations in the catalogue.

Dimension drawings in catalogue
Note that dimensions relating to drive unit motors depend on the motor specified during the configuration. In most cases, the motors shown in the catalogue drawings represent the largest size. If variable speed motors are used, some dimensions may increase, indicated by dimension values xxx (V: yyy). V represents the max dimension using variable speed motor.
Drive units – configuration strings

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

Drive unit with fixed speed motor

<table>
<thead>
<tr>
<th>Item no</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
<th>H</th>
<th>I</th>
</tr>
</thead>
<tbody>
<tr>
<td>XL</td>
<td>EB</td>
<td>HNP</td>
<td>L</td>
<td>G</td>
<td>V4</td>
<td>SA37</td>
<td>50/230</td>
<td>0,18 kW</td>
<td>TF</td>
</tr>
</tbody>
</table>

Drive unit with variable speed motor

<table>
<thead>
<tr>
<th>Item no</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
<th>J</th>
<th>K</th>
</tr>
</thead>
<tbody>
<tr>
<td>XL</td>
<td>EB</td>
<td>MNPV</td>
<td>L</td>
<td>V6-15</td>
<td>WA20</td>
<td>MM03</td>
<td>50/380-500</td>
<td>C</td>
<td>P</td>
</tr>
</tbody>
</table>

**Item no - Drive type**

- XL: End drive
- XLEC: Catenary drive
- XLER: Intermediate drive
- XLEW: Horizontal bend drive
- XLEB 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
- 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, 0,33 kW
- MM05: SEW Movimot type, 0,55 kW
- MM07: SEW Movimot type, 0,75 kW
- MM11: SEW Movimot type, 1,1 kW

(\textit{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)
**End drive units XL**

### End drive unit, suspended, slip clutch

- **End drive unit**
  - Speed up to 60 m/min
  - Transmission on left side
  - Fixed speed*
  - Without motor (ISO)
  - Without motor (ANSI)

**XLEB**

**XLEB 0 HL**

**XLEB 0 HLA**

*Maximum traction force: 500 N. See page 19.*

*Use online configurator when ordering.*

*Effective track length: 0.80 m*

### End drive unit, suspended, slip clutch

- **End drive unit**
  - Speed up to 60 m/min
  - Transmission on right side
  - Fixed speed*
  - Without motor (ISO)
  - Without motor (ANSI)

**XLEB**

**XLEB 0 HR**

**XLEB 0 HRA**

*Maximum traction force: 500 N. See page 19.*

*Use online configurator when ordering.*

*Effective track length: 0.80 m*

### End drive units XL, direct drive with slip clutch

### End drive unit, direct drive with slip clutch

- **End drive unit, direct drive**
  - Fixed speed up to 60 m/min
  - Variable speed: see Drive Unit Guide
  - Motor on left side
  - Fixed/variable speed*
  - Without motor

**XLEB**

**XLEB 0 HLP**

*Maximum traction force: 500 N. See page 19.*

*Use online configurator when ordering.*

*Effective track length: 0.80 m*

### End drive unit, direct drive with slip clutch

- **End drive unit, direct drive**
  - Fixed speed up to 60 m/min
  - Variable speed: see Drive Unit Guide
  - Motor on right side
  - Fixed/variable speed*
  - Without motor

**XLEB**

**XLEB 0 HRP**

*Maximum traction force: 500 N. See page 19.*

*Use online configurator when ordering.*

*Effective track length: 0.80 m*
End drive units XL Type C, direct drive, no slip clutch

End drive unit, Type C, direct drive, no slip clutch

End drive unit, max 300 N
Fixed speed up to 35 m/min
Motor on left side
Fixed speed*
Without motor

Effective track length: 0.55 m
* Use online configurator when ordering.
Maximum traction force: see diagram, page 19.

End drive unit, Type M, direct drive, no slip clutch

End drive unit, max 300 N
Fixed speed up to 35 m/min
Motor on right side
Fixed speed*
Without motor

Effective track length: 0.55 m
* Use online configurator when ordering.
Maximum traction force: see diagram, page 19.

End drive units XL Type M, direct drive, no slip clutch

End drive unit Type M, direct drive, no slip clutch

End drive unit, max 500 N
Variable speed: see Drive Unit Guide
Motor on left side
Fixed/variable speed*
Without motor

Effective track length: 0.55 m
* Use online configurator when ordering.
Maximum traction force: see diagram, page 19.

End drive unit Type M, direct drive, no slip clutch

End drive unit, max 500 N
Variable speed: see Drive Unit Guide
Motor on right side
Fixed/variable speed*
Without motor

Effective track length: 0.55 m
* Use online configurator when ordering.
Maximum traction force: see diagram, page 19.

A drill fixture (5058088) is used when drilling holes for attachment of accessories. The side plates of idlers and drive units are prepared for easy drilling of 6.5 mm holes. The holes are suitable for threading (M8).

Drill fixture for drive units Type C and M

Drill fixture for XL drive units 5058088
**End drive units XL Type H, direct drive, no slip clutch**

**End drive unit, Type H, direct drive, no slip clutch**

![Image of an end drive unit](image1)

End drive unit, max 500 N
Fixed speed up to 60 m/min
Variable speed: see Drive Unit Guide
Motor on left side
Fixed/variable speed*
Without motor

Maximum traction force: see diagram, page 19.
* Use online configurator when ordering.
Effective track length: 0.80 m.

**End drive unit, Type H, direct drive, no slip clutch**

![Image of an end drive unit](image2)

End drive unit, max 500 N
Fixed speed up to 60 m/min
Variable speed: see Drive Unit Guide
Motor on left side
Fixed/variable speed*
Without motor (ISO)

Maximum traction force: see diagram, page 19.
* Use online configurator when ordering.
Effective track length: 0.80 m.

---

**Double drive units XL**

**Double drive unit, suspended**

![Image of a double drive unit](image3)

Double drive unit
Suspended motor
Fixed speed up to 60 m/min
Transmission on left side
A = 66 mm
Fixed speed*
Without motor (ISO)
Without motor (ANSI)
A = 110–350 mm*
Without motor (ISO)
Without motor (ANSI)

Maximum traction force: 500 N. See page 19.
* Use online configurator when ordering.
Effective track length: 0.80 m

**Double drive unit, suspended**

![Image of a double drive unit](image4)

Double drive unit
Suspended motor
Fixed speed up to 60 m/min
Transmission on right side
A = 66 mm
Fixed speed*
Without motor (ISO)
Without motor (ANSI)
A = 110–350 mm*
Without motor (ISO)
Without motor (ANSI)

Maximum traction force: 500 N. See page 19.
* Use online configurator when ordering.
Effective track length: 0.80 m
Intermediate drive units XL

Intermediate drive unit
Suspended motor
Fixed speed up to 25 m/min
Transmission on left side
Fixed speed*
Without motor (ISO)
Without motor (ANSI)

Maximum traction force: 200 N. See page 19.
* Use online configurator when ordering.
Effective track length: 0,80 m

Catenary drive units XL

Catenary drive unit
Suspended motor
Fixed speed up to 25 m/min
Transmission on left side
Fixed speed*
Without motor (ISO)
Without motor (ANSI)

Maximum traction force: 500 N. See page 19.
* Use online configurator when ordering.
Effective track length: 1,35 m

XLER
XLER 0 HL
XLER 0 HLA

XLEC
XLEC 0 HL
XLEC 0 HLA

XLER
XLER 0 HR
XLER 0 HRA

XLEC
XLEC 0 HR
XLEC 0 HRA

* Use online configurator when ordering.
Effective track length: 0,80 m
Bend drive unit XL

Bend drive unit, 180°

Bend drive unit, 180°
Fixed speed up to 35 m/min
Fixed speed*
Without motor (ISO)
Without motor (ANSI)

XLEW
XLEW 180/0 H
XLEW 180/0 HA

Maximum traction force: 200 N. See page 19.
* Use online configurator when ordering.
Effective track length: 0,65 m

Drive units for vertical wedge conveyors XL

Direct drive unit for vertical wedge conveyor

Direct drive unit for vertical wedge conveyor

Without chain slack
Fixed speed up to 60 m/min
Variable speed: see Drive Unit
Guide
Motor on left side
Fixed/variable speed*
Without motor

XLEB
XLEB 0 HLGP

Maximum traction force: 500 N. See page 19.
* Use online configurator when ordering.
Effective track length: 0,80 m

Direct drive unit for vertical wedge conveyor

Direct drive unit for vertical wedge conveyor

Without chain slack
Fixed speed up to 60 m/min
Variable speed: see Drive Unit
Guide
Motor on right side
Fixed/variable speed*
Without motor

XLEB
XLEB 0 HRGP

Maximum traction force: 500 N. See page 19.
* Use online configurator when ordering.
Effective track length: 0,80 m
Components for track width adjustment XL

Synchronous drive unit for vertical wedge conveyors

**XLED # H**

Insert desired speed instead of # in designation:
60 Hz: –
Maximum traction force: 500 N. See page 19.
Effective track length: 0.80 m
Including two basic units, two cardan shafts, two gear reducers, 3-phase motor, two timing belts and reducer pulleys, motor pulley, transmission cover, mounting plate.

Components for track width adjustment XL

**Width adjustment actuator 660 mm**

**XCLA 660 A**

Including beam and angle gear unit

**Width adjustment actuator 950 mm**

**XCLA 950 A**

Including beam and angle gear unit

Beam section for chain installation

**XLCC 160**

Including connection strips and screws

**Beam section for chain installation**
Components for track width adjustment XL (continued)

**Idler units XL**

**Angle gear unit**

- XCFW 90

**Handwheel for 10 mm shaft**

- XLAW 160 x 10

**Shaft**

- XLFX 3

*The shaft is used to connect angle gear units XCFW 90 to synchronize adjustment of the track width. Use XLAP 28 spring pins to secure the shafts axially.*

**Idler units XL**

**Idler end unit**

- XLEJ 320

*Effective track length: 0,80 m*

**Idler end unit Type S**

- XLEJ 200 S

*Effective track length: 0,45 m*

*Each side plate has four unfinished holes for attachment of accessories. Requires drilling through side plate. A drill fixture (5057143) is available. See page 101.*

**Protective cover for idler end unit**

- XLSJ 182

*Including mounting screws (M8). Requires drilling of two holes in each side plate. Use drill fixture 5057143.*
Idler end units XL (continued)

Drill fixture for idler end unit

The drill fixture is used when drilling holes for attachment of accessories. The side plates of idlers and drive units are prepared for easy drilling of 6.5 mm holes. The holes are suitable for threading (M8).

Wheel bends XL

Wheel bend, 30°

Wheel bend, 45°

Wheel bend, 90°

Wheel bend, 90°–180°

Wheel bend, 180°

Wheel bend, 210°

Wheel bend, 210°

Wheel bend, 90°

Wheel bend, 90°

Wheel bend, 30°–180°

The drill fixture is used when drilling holes for attachment of accessories. The side plates of idlers and drive units are prepared for easy drilling of 6.5 mm holes. The holes are suitable for threading (M8).

Idler bend unit, 90°

Effective track length: 0.40 m 1-way (0.70 m 2-way)

Idler bend unit, 90°

Effective track length: 0.40 m 1-way (0.70 m 2-way)

Idler bend unit, 90°

Effective track length: 0.40 m 1-way (0.70 m 2-way)

Idler bend unit, 90°

Effective track length: 0.40 m 1-way (0.70 m 2-way)

Idler bend unit, 90°

Effective track length: 0.40 m 1-way (0.70 m 2-way)

The outer bend is cut in the middle to the desired angle and assembled using connecting strips. The angle “E” must be specified when ordering.
Wheel cover for Wheel bend

Wheel cover for XL, XT, X85, XH and XK

Markers for cutting and adjustment to specific conveyor system.

Example: To fit the wheel cover to a X85 system, cut the part marked XH (see figure A).
To fit the wheel cover to a XT system, cut the parts marked X85 and XH.

Wheel cover for XL, XT, X85, XH
(Including one pair of Wheel cover 5112244 and 2 tap screw ISO 7049 4,2x6,5-C-H-A2K)

Wheel cover for XK
(Including one pair of Wheel cover 5112247 and 2 tap screw ISO 7049 4,2x6,5-C-H-A2K)
Plain bends XL

Plain bend, 30°

Plain bend, 30°±1°
R=300±10 mm
R=500±10 mm
R=700±10 mm
R=1000±10 mm

Effective track lengths:
R300: 0,60 m 1-way (1,15 m 2-way)
R500: 0,70 m 1-way (1,35 m 2-way)
R700: 0,80 m 1-way (1,55 m 2-way)
R1000: 0,95 m 1-way (1,85 m 2-way)

XLBP 30R300
XLBP 30R500
XLBP 30R700
XLBP 30R1000

Plain bend, 45°

Plain bend, 45°±1°
R=300±10 mm
R=500±10 mm
R=700±10 mm
R=1000±10 mm

Effective track lengths:
R300: 0,65 m 1-way (1,35 m 2-way)
R500: 0,80 m 1-way (1,60 m 2-way)
R700: 0,95 m 1-way (1,90 m 2-way)
R1000: 1,20 m 1-way (2,40 m 2-way)

XLBP 45R300
XLBP 45R500
XLBP 45R700
XLBP 45R1000

Plain bend, 60°

Plain bend, 60°±1°
R=500±10 mm
R=700±10 mm
R=1000±10 mm

Effective track lengths:
R500: 0,95 m 1-way (1,85 m 2-way)
R700: 1,15 m 1-way (2,30 m 2-way)
R1000: 1,45 m 1-way (2,90 m 2-way)

XLBP 60R500
XLBP 60R700
XLBP 60R1000

Plain bend, 90°

Plain bend, 90°±1°
R=300±10 mm
R=500±10 mm
R=700±10 mm
R=1000±10 mm

Effective track lengths:
R300: 0,90 m 1-way (1,75 m 2-way)
R500: 1,20 m 1-way (2,40 m 2-way)
R700: 1,50 m 1-way (3,00 m 2-way)
R1000: 2,00 m 1-way (3,95 m 2-way)

XLBP 90R300
XLBP 90R500
XLBP 90R700
XLBP 90R1000
Support rail for plain bends XL

Support rail for plain bend

Support rail for plain bends, XL
Length 2,4 m
Polyamide

5048390

Fix with sheet metal screw ISO 7049 4,2×9,5 or similar.
See page 481 for installation instructions.

Vertical bends XL

Vertical bend, 5°

Vertical bend, 7°

Vertical bend, 15°

Vertical bend, 30°

Effective track length: 0,20 m 1-way (0,40 m 2-way)

Effective track length: 0,25 m 1-way (0,50 m 2-way)

Effective track length:
R300: 0,35 m 1-way (0,65 m 2-way)
R1000: 0,70 m 1-way (1,40 m 2-way)
R1225: 0,85 m 1-way (1,65 m 2-way)
Vertical bends XL (continued)

**Vertical bend, 45°**

Vertical bend, 45°

\[
\begin{align*}
R &= 300, \ A = 349, \ B = 144 \\
R &= 1000, \ A = 844, \ B = 349 \\
R &= 1225, \ A = 1003, \ B = 415
\end{align*}
\]

*Effective track length:*

\[
\begin{align*}
R300: & \ 0.45 \text{ m 1-way (0.80 m 2-way)} \\
R1000: & \ 0.95 \text{ m 1-way (1.90 m 2-way)} \\
R1225: & \ 1.15 \text{ m 1-way (2.30 m 2-way)}
\end{align*}
\]

**Vertical bend, 50°**

Vertical bend, 50°

\[
\begin{align*}
R1000: & \ 419, \ 897 \\
R &= 1000, \ A = 844, \ B = 349
\end{align*}
\]

*Effective track length:*

\[
1.10 \text{ m 1-way (2.15 m 2-way)}
\]

**Vertical bend, 60°**

Vertical bend, 60°

\[
\begin{align*}
R300: & \ 219, \ 380 \\
R1000: & \ 80
\end{align*}
\]

*Effective track length:*

\[
0.50 \text{ m 1-way (0.95 m 2-way)}
\]

**Vertical bend, 90°**

Vertical bend, 90°

\[
\begin{align*}
R &= 300, \ A = 380 \\
R &= 1000, \ A = 1080
\end{align*}
\]

*Effective track length:*

\[
\begin{align*}
R300: & \ 0.70 \text{ m 1-way (1.30 m 2-way)} \\
R1000: & \ 1.75 \text{ m 1-way (3.50 m 2-way)}
\end{align*}
\]

**Vertical bend, 5°–90°**

Vertical bend, 5°–90°

\[
\begin{align*}
R &= 300 \\
R &= 1000
\end{align*}
\]

*The bend is cut in the middle to the desired angle and assembled using connecting strips. The angle “E” must be specified when ordering.*
Angle plates XL

Angle plate, straight

Angle plate
Length 3 m

Angle plate, straight

Angle plate
Length 3 m

Angle plate for 90° bend

Angle plate for 90° bend
Inner radius 182,5 mm
Used with XLBH 90R150

Angle plate for 180° bend

Angle plate for 180° bend
Inner radius 182,5 mm
Used with XLBH 180R150 and XLEW 180/5 H

Front piece XL

Front piece

Front piece
Length 3 m

Front piece upper bend

Front piece upper bend
Upper bend, 60°
Includes connecting strip with screws

Sliding strip for front piece

Sliding strip for front piece
Length 2 m
The sliding strip must be anchored to the front piece.
Front piece XL (continued)

**Front piece lower bend**

![Diagram of Front piece lower bend]

Lower bend, 60°

Includes connecting strip with screws

**Bend support for front piece**

![Diagram of Bend support for front piece]

Bend support

$D = 33 \text{ mm}$

$D = 58 \text{ mm}$

**Linkage kit for front piece**

![Diagram of Linkage kit for front piece]

Linkage kit

$W = 130, D = 33$

$W = 180, D = 58$

Kit consists of two support pairs and one locking device.

**Drip trays XL**

**Drip tray**

![Diagram of Drip tray]

Drip tray

Length 3 m

**Drip tray bracket**

![Diagram of Drip tray bracket]

Drip tray bracket (10 pcs)
Drip trays XL (continued)

Drip tray connector
With drip outlet
Including screw kit

Drip tray connector with drip catcher
With drip outlet
Including screw kit

Drip tray connector with integrated drip catcher
With drip outlet
Including screw kit

Connecting strip
Connecting strip with set screws
Note. Must be ordered in multiples of 10

End pan for drip tray
With drip outlet
Including screw kit

End cap for drip tray
Including screw kit

Drip catchers XL

Drip catcher 53 mm
Length 3 m

Drip catcher 83 mm
Length 3 m

Drip catcher bracket assembly
Including T-bolts and nuts
**Drip pans XL**

**Drip pan for wheel bend 30°**

![Drip pan for wheel bend 30°](image)

*Drip pan for wheel bend 30°*

Including screw kit

**Drip pan for wheel bend 45°**

![Drip pan for wheel bend 45°](image)

*Drip pan for wheel bend 45°*

Including screw kit

**Drip pan for wheel bend 90°**

![Drip pan for wheel bend 90°](image)

*Drip pan for wheel bend 90°*

Including screw kit

**Drip pan for wheel bend 180°**

![Drip pan for wheel bend 180°](image)

*Drip pan for wheel bend 180°*

Including screw kit

**Drip pan, upper, for 90° vertical bend**

![Drip pan, upper, for 90° vertical bend](image)

*Drip pan, upper, for 90° vertical bend*

Including screw kit

**Drip pan, upper, for vertical bend**

![Drip pan, upper, for vertical bend](image)

*Drip pan, upper, for vertical bend*

Including screw kit

**Drip pan, lower, for vertical bend**

![Drip pan, lower, for vertical bend](image)

*Drip pan, lower, for vertical bend*

Including screw kit

**Drip pan, lower, for vertical bend**

![Drip pan, lower, for vertical bend](image)

*Drip pan, lower, for vertical bend*

Including screw kit

**Drip pan, upper, for 90° vertical bend**

![Drip pan, upper, for 90° vertical bend](image)

*Drip pan, upper, for 90° vertical bend*

With drip outlet

Including screw kit

**Drip pan for wheel bend 30°**

**Drip pan for wheel bend 45°**

**Drip pan for wheel bend 90°**

**Drip pan for wheel bend 180°**

**Drip pan, upper, for vertical bend**

**Drip pan, lower, for vertical bend**

**Drip pan, upper, for 90° vertical bend**

**Incorporating screw kit**
Drip pans XL (continued)

**End pan for idler end unit**
- With drip outlet
- Including screw kit

**Drip pan 30° with drip catcher**
- With integrated drip catcher
- Including screw kit

**Drip pan 45° with drip catcher**
- With integrated drip catcher
- Including screw kit

**Drip pan 90° with drip catcher**
- With integrated drip catcher
- Including screw kit

**Drip pan 180° with drip catcher**
- With integrated drip catcher
- Including screw kit

**Drip pan, upper, with drip catcher, for vertical bend**
- With integrated drip catcher

**Drip pan, lower, with drip catcher, for vertical bend**
- With integrated drip catcher
Drip pans XL (continued)

Drip pan, upper, with drip catcher, for 90° vertical bend
With integrated drip catcher and drip outlet
*Including screw kit*

**XLDV 90x107 BW**

End pan with drip catcher, for idler end unit
With integrated drip catcher and drip outlet
*Including screw kit*

**XLDD 107 BW**