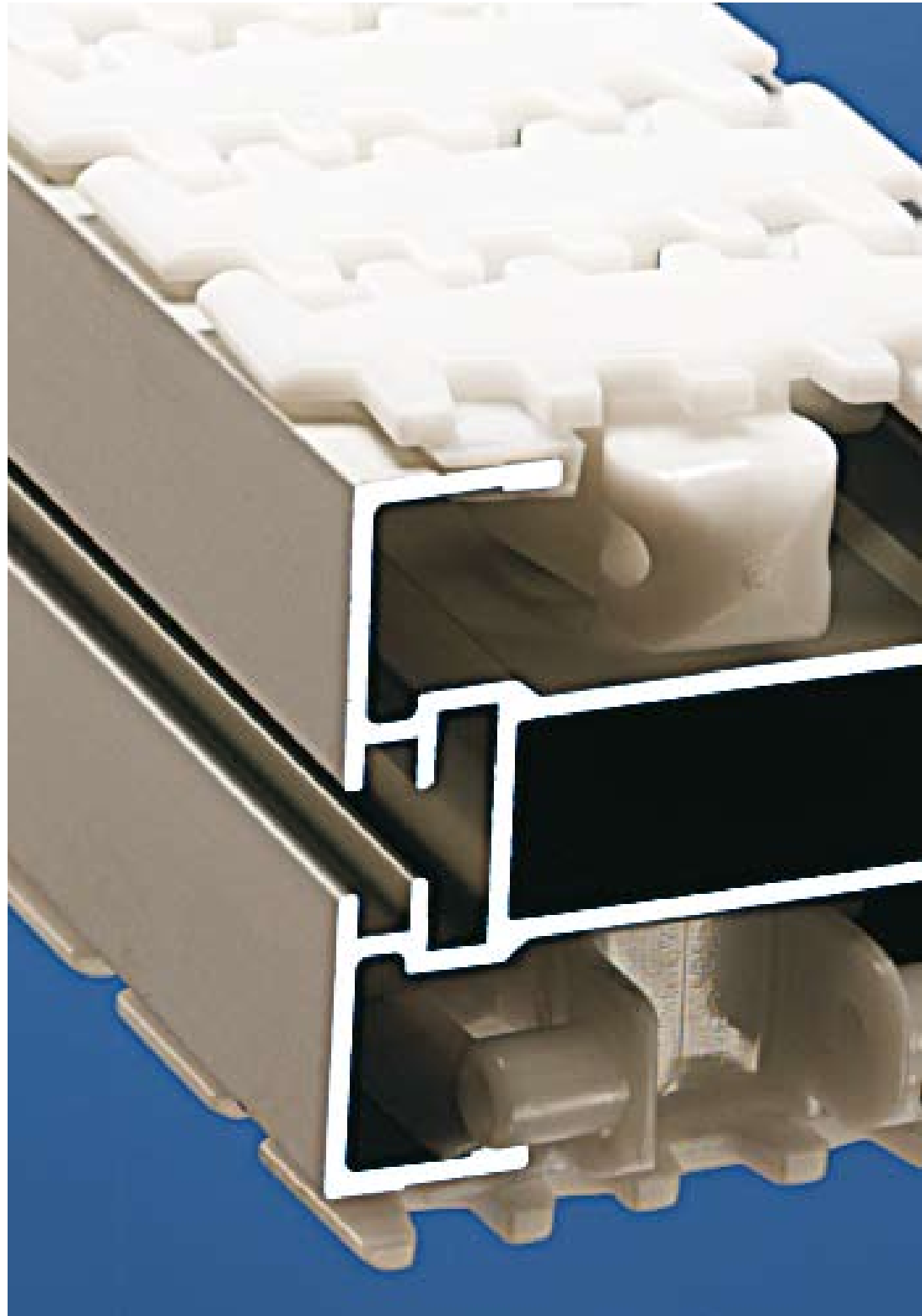


# FlexLink XM catalogue



FlexLink®



	Product overview	PO
Aluminium based systems	Conveyor system XS	XS
	Conveyor system XL	XL
	Pallet handling components XL	XLP
	<b>Conveyor system XM</b>	<b>XM</b>
	<b>Pallet handling components XM</b>	<b>XMP</b>
	Conveyor system XH	XH
	Conveyor system XK	XK
	Pallet handling components XK	XKP
	Conveyor system XB	XB
	Guide rail components	GR
	Conveyor support components	CS
		Modular pallet conveyor system XT
		XC
		XF
	Fasteners	FST
Stainless steel systems	Hygienic conveyor system Series XMY	XMY
	Conveyor system Series XLX	XLX
	Conveyor system Series XMX	MXM
	Conveyor system Series XHX	XHX
	Guide rail components Series X	GRX
	Support components Series X	CSX
	Appendixes	APX
	<b>Product index</b>	<b>IDX</b>

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**Patents**

Essential parts of the FlexLink product range are protected by patents and design regulations.

Drawings are made to European standards.

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# Conveyor system XM

## Contents

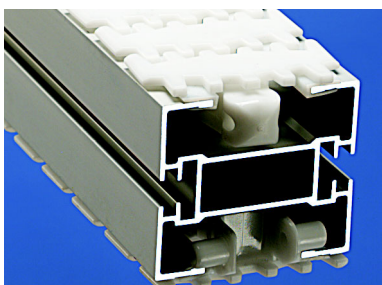
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## System information



### Chain width 83 mm

The XM conveyor is also available in a stainless steel version.



### Features

Suitable for a wide range of applications. Higher capacity than XS and XL. Includes components for pallet handling and vertical wedge conveyors.

### Examples of application areas

Ball valves, water meters, disk drives, pie packages, film cartridges, plastic bottles, beverage cans, products on pallets, paint cans, socks.

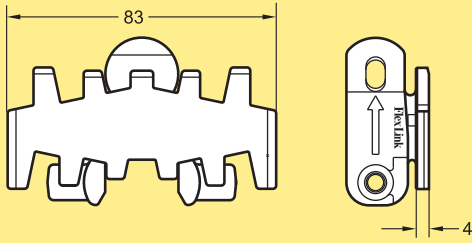
### Technical characteristics

Drive unit capacity	1250 N
Chain tension limit	1250 N
Beam width	85 mm
Chain width .....	83 mm
Chain pitch.....	33,5 mm
Item width	20–200 mm 40–300 mm*
Maximum item weight	
Horizontal transport .....	15 kg
Vertical transport.....	10/2* kg
Maximum weight on conveyor .....	200/80* kg
Maximum conveyor length.....	30/8* m

\*Applies to vertical wedge conveyor.

PO  
XS  
XL  
XLF  
XM  
XMP  
XH  
XK  
XKP  
XB  
GR  
CS  
XT  
XC  
XF  
FST  
XMY  
XLX  
XMX  
XHX  
GRX  
CSX  
APX  
IDX

## Plain chain



Plain chain  
Length 5 m

**XMTP 5**

Plain link

**XMTL 83\***

Plain chain (Ultra low wear)  
Length 5 m

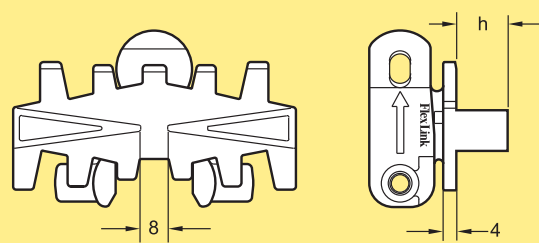
**XMTP 5 C**

Plain link

**n.a.**

*\*Note. Links must be ordered in multiples of 10*

## Cleated chain, Type A



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

**XMTF 5x15 A**  
**XMTF 5x30 A**

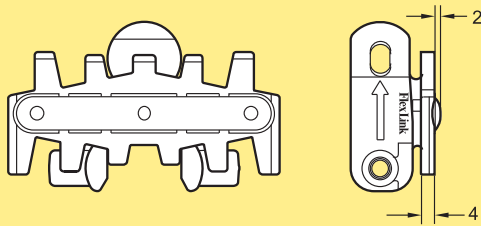
*Use the online configurator to specify and order.*

Cleated link  
h=15 mm  
h=30 mm

**XMTL 83x15 A\***  
**XMTL 83x30 A\***

*\*Note. Links must be ordered in multiples of 10*

## Friction top chain



Friction top chain  
Length 5 m

**XMTP 5 F**

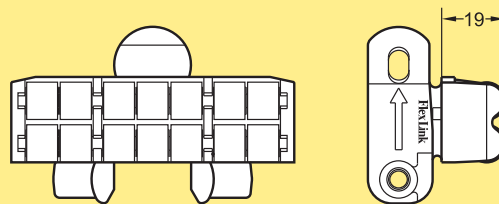
*Use the online configurator to specify and order.*

Friction top link

**XMTL 83 F\***

*\*Note. Links must be ordered in multiples of 10*

## Roller top chain



Roller top chain  
Length 5 m

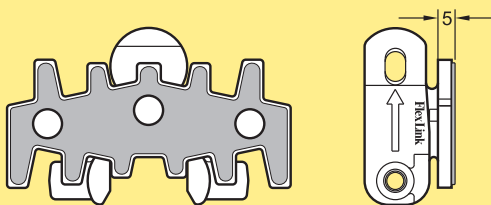
**XMTR 5**

Roller top link

**XMTL 83 R\***

*\*Note. This link cannot be combined with plain links*

## Steel top chain



Steel top chain  
Length 5 m

**XMTP 5 TF**

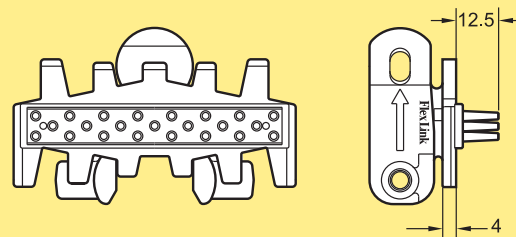
Steel top link

**XMTL 83 TF\***

*\*Note. Links must be ordered in multiples of 10*

*Top part has steel cover for improved wear resistance.*

## Flexible cleat chain, Type B



Flexible cleat chain Type B  
Length 5 m

**XMTE 5 B**

*Use the online configurator to specify and order.*

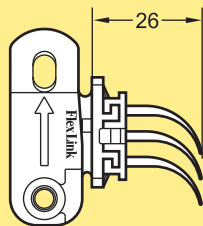
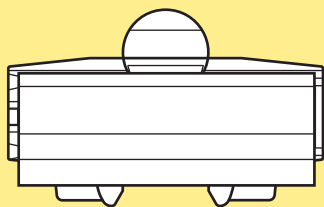
Flexible cleat link

**XMTL 83 B\***

*\*Note. Links must be ordered in multiples of 10*

## Chains XM (continued)

### Flexible cleat chain, Type C



Flexible cleat chain Type C  
Length 5 m

**XMTE 5 C**

Flexible cleat link assembly Type C  
(link base and flexible cleat top)

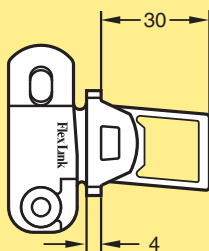
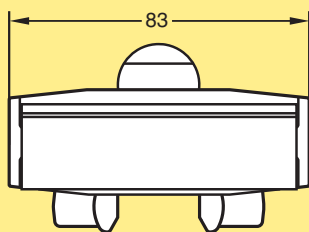
**XMTM 83 C\***

Flexible cleat top (replacement)

**XMTX 78 C\***

*\*Note. Links must be ordered in multiples of 10*

### Flexible cleat chain, Type D



Flexible cleat chain Type D  
Length 5 m

**XMTE 5 D**

Flexible cleat link assembly Type D  
(link base and flexible cleat top)

**XMTM 83 D\***

Flexible cleat top (replacement)

**XMTX 75 D\***

*\*Note. Links must be ordered in multiples of 10*

## Other chains

See the *FlexLink chain guide* for a selection of other chains.

PO

XS

XL

XLP

**XM**

XMP

XH

XK

XKP

XB

GR

CS

XT

XC

XF

FST

XY

XLX

XXM

XHX

GRX

CSX

APX

IDX

## Chain accessories XM

### Plastic pivot

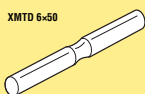


Plastic pivot XM

**XMTT 13x16**

*Note. Must be ordered in multiples of 25*

### Steel pin

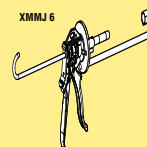


Steel pin XM

**XMTD 6x50**

*Note. Must be ordered in multiples of 25*

### Pin insertion tool for chain



Pin insertion tool XM, XB

**XMMJ 6**

### Lubricant for chain

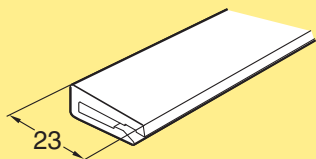


Silicone-based lubricant

**LDSS 450**

## Accessories for use with steel chain 5056849

### Slide rail for steel top chain 5056849

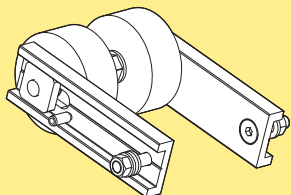


Slide rail, PVDF  
Length 3 m

**5057212**

*This thicker slide rail is required since the chain top is thinner than the standard chain top.*

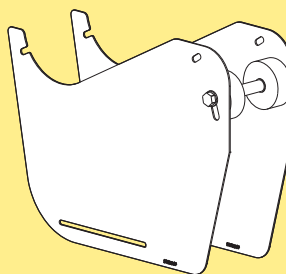
### Rebuilding kit for end drive unit



Rebuilding kit for end drive unit **5058263**

*Kit includes support rolls for guidance of chain under the drive unit. Rebuilding instructions are delivered with the chain.*

### Rebuilding kit for direct drive

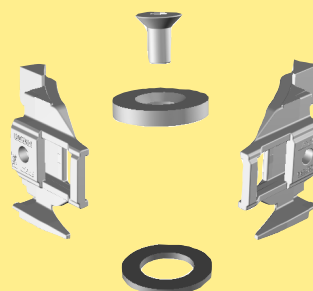


Rebuilding kit for end drive unit,  
direct drive

**5058269**

*Kit includes support rolls for guidance of chain under the drive unit, and side plates for replacement. Rebuilding instructions are delivered with the chain.*

### Rebuilding kit for wheel bend

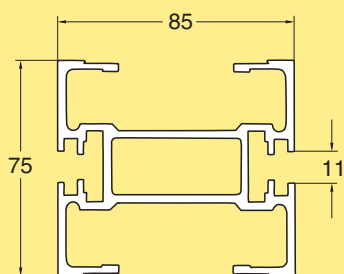


Rebuilding kit for wheel bend **5058270**

*Kit includes new guides and washers and screw for raising the top disc of the wheel bend 2 mm. Rebuilding instructions are delivered with the chain.*

## Beams XM

### Conveyor beam

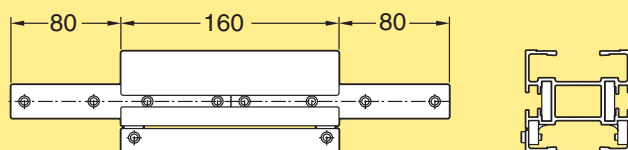


Beam  
Length 3 m  
Length to order

**XMCB 3**  
**XMCB L**

*Slide rail: see page 35*  
*Beam accessories: see page 21*

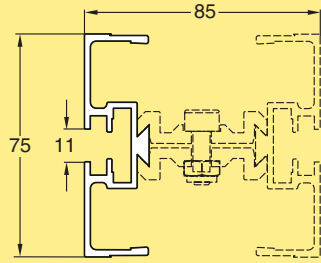
### Beam section for chain installation



Beam section for chain installation **XMCC 160**

*Including connection strips and screws*

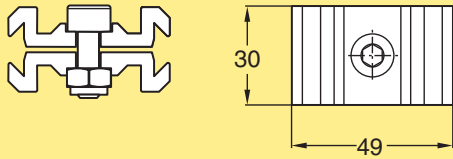
**Profile for split conveyor beam**



Profile for split conveyor beam  
Length 3 m  
Length to order

**XMCB 3 H**  
**XMCB L H**

**Beam clip assembly**



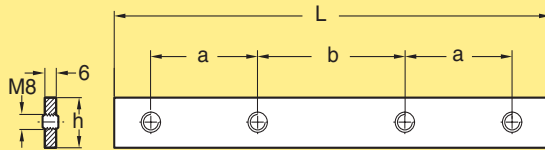
Beam clip assembly

**XMCE 49x30**

*Including M8 screw and locking nut. Use minimum 5 clips per meter. Place clips 100 mm from each end.*

**Beam accessories XM**

**Connecting strip with set screws**



Connecting strip with set screws

$h=25, a=30, b=50, L=130$

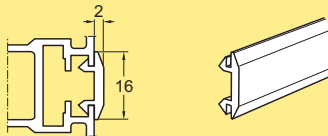
$h=25, a=44, b=44, L=160$

**XLCJ 6x130**

**XLCJ 6x160**

*Note. Must be ordered in multiples of 10*

**Cover strip for T-slot, PVC**



Cover strip for T-slot, PVC

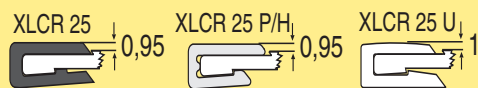
Length 25 m

**XLAB 25**

*For XS-XL-XM-XH*

# Slide rails XM

## Plastic slide rails for XL, XM, XH beams



Slide rail

Length 25 m

HDPE ( $\mu=0,1-0,25$ )

PVDF ( $\mu=0,15-0,35$ )

UHMW-PE ( $\mu=0,1-0,25$ )

PA-PE ( $\mu=0,1-0,25$ )

**XLCR 25**  
**XLCR 25 P**  
**XLCR 25 U**  
**XLCR 25 H**

See Appendix A, page 321 for selection guidelines and assembly instructions.

## Steel slide rail for XL, XM, XH beams

XLCR 3 TA



Slide rail ( $\mu=0,15-0,35$ )

Length 3 m

Acid resistant stainless steel

**XLCR 3 TA**

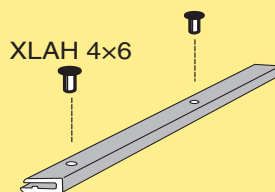
## Mounting tool for slide rail



Mounting tool for slide rail XM

**XMMR 140**

## Aluminium rivets



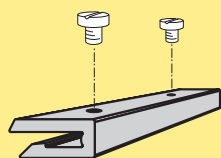
Aluminium rivets 4 mm for XL-XM-XH conveyors

**XLAH 4x6**

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

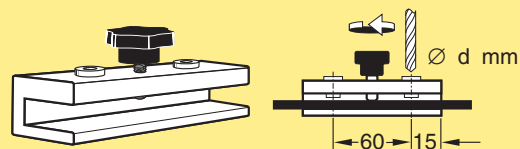


Plastic screws 5 mm for XS-XL-XM-XH-XB beams

**XLAG 5**

Note. Must be ordered in multiples of 50

## Drill fixture for slide rail



Drill fixture for XL-XM-XH-XK-XB slide rail

d=4,2 mm

**3920500**

## Rivet crimping pliers



Rivet crimping pliers for XL-XM-XH-XK-XB

For 4 mm rivets

**5051395**

## Rivet crimping clamp



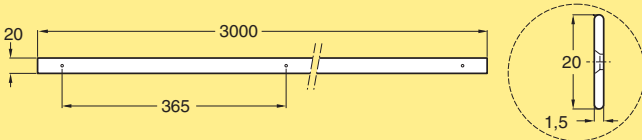
Rivet crimping clamp for XL-XM-XH-XK-XB

For 4 mm rivets

**3923005**

# Slide rails XM, hardened steel

## Steel slide rail, straight



Slide rail, hardened steel  
Length 3 m

**XLCR 3 TH**

*Delivered with 9 predrilled holes*

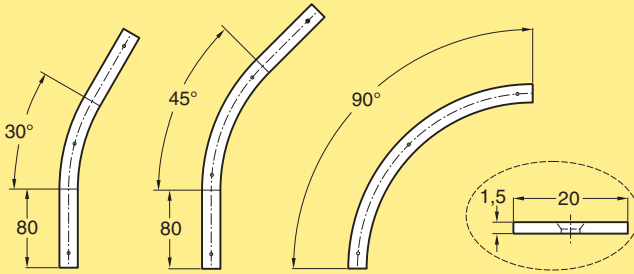
## Glue tape 3M



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

**5057208**

## Steel slide rail for bends



Slide rail for bends, hardened steel

Slide rail for bend, XM 30°

Slide rail for bend, XM 45°

Slide rail for bend, XM 90° & 180°

**XMCR W30 TH**

**XMCR W45 TH**

**XMCR W90 TH**

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

## Mounting tool for slide rail

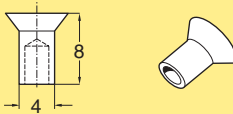


Mounting tool for XM

**5057676**

*The fixture consists of 4 pieces*

## Brass rivets



Brass rivets (100 pcs)

**5056167**

*Rivets for anchoring the slide rails*

## Cleaner 3M



Cleaner (100 sachets)

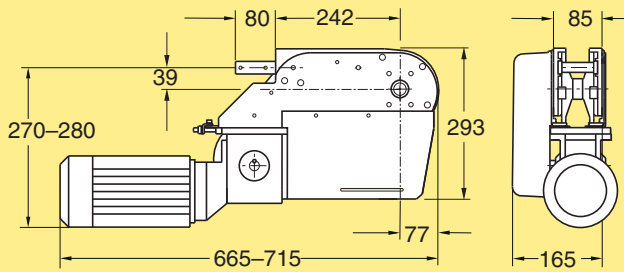
**5057207**

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

PO  
XS  
XL  
XLP  
**XM**  
XMP  
XH  
XK  
XKP  
XB  
GR  
CS  
XT  
XC  
XF  
FST  
XMY  
XLX  
XMX  
XHX  
GRX  
CSX  
APX  
IDX

## End drive units XM

### End drive unit HL/HLA

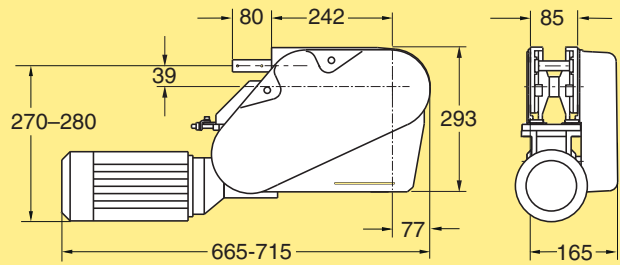


End drive unit  
Suspended 3-phase motor  
Transmission on left side  
50 Hz 230/400 V  
60 Hz 230/460 V

**XMEB # HL**  
**XMEB # HLA**

*Insert desired speed instead of # in designation:*  
50 Hz: 5-10-15-20-25-30-40-50-60 m/min.  
60 Hz: 6-10-12-16-18-20-25-27-33-37-46-55-58 m/min.  
Maximum traction force: 1250 N. See page 16.  
Effective track length: 0,80 m

### End drive unit HR/HRA



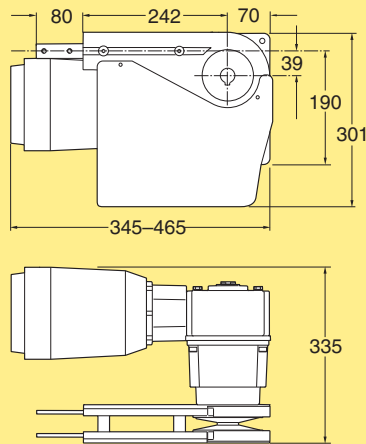
End drive unit  
Suspended 3-phase motor  
Transmission on right side  
50 Hz 230/400 V  
60 Hz 230/460 V

**XMEB # HR**  
**XMEB # HRA**

*Insert desired speed instead of # in designation:*  
50 Hz: 5-10-15-20-25-30-40-50-60 m/min.  
60 Hz: 6-10-12-16-18-20-25-27-33-37-46-55-58 m/min.  
Maximum traction force: 1250 N. See page 16.  
Effective track length: 0,80 m

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

### End drive unit HLP/HLAP

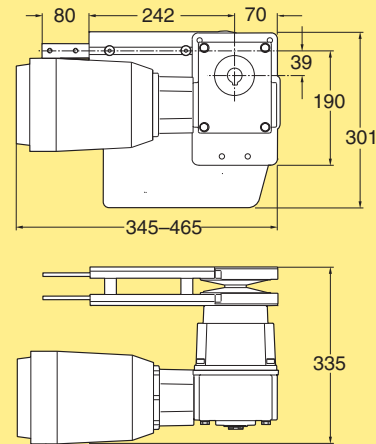


End drive unit, direct drive  
3-phase motor on left side  
50 Hz 230/400 V  
60 Hz 230/460 V

**XMEB # HLP**  
**XMEB # HLAP**

*Insert desired speed instead of # in designation:*  
50 Hz: 5-10-15-20-25-30-40-50-60 m/min.  
60 Hz: 6-10-16-19-31-36-44-63 m/min.  
Maximum traction force: 1250 N. See page 16.  
Effective track length: 0,80 m  
Variable speed motors: see page 335.

### End drive unit HRP/HRAP



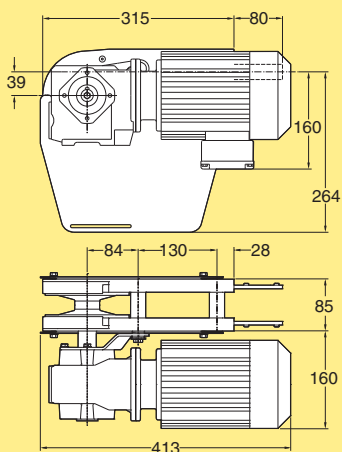
Drive unit, direct drive  
3-phase motor on right side  
50 Hz 230/400 V  
60 Hz 230/460 V

**XMEB # HRP**  
**XMEB # HRAP**

*Insert desired speed instead of # in designation:*  
50 Hz: 5-10-15-20-25-30-40-50-60 m/min.  
60 Hz: 6-10-16-19-31-36-44-63 m/min.  
Maximum traction force: 1250 N. See page 16.  
Effective track length: 0,80 m  
Variable speed motors: see page 335.

# End drive units XM Type H, direct drive, no slip clutch

## End drive unit HNLP/HNLAP

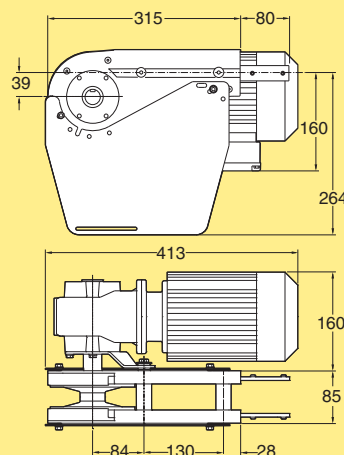


End drive unit, max 1250 N  
3-phase motor on left side  
50 Hz 230/400 V  
60 Hz 230/460 V

**XMEB # HNLP**  
**XMEB # HNLAP**

*Insert desired speed instead of # in designation:*  
50 Hz: 5-10-15-20-30-40-50-60 m/min.  
60 Hz: 6-10-16-19-31-44-63 m/min.  
Maximum traction force: see diagram, page 16.  
Effective track length: 0,80 m  
Variable speed motors: see page 335.

## End drive unit HNRP/HNRAP



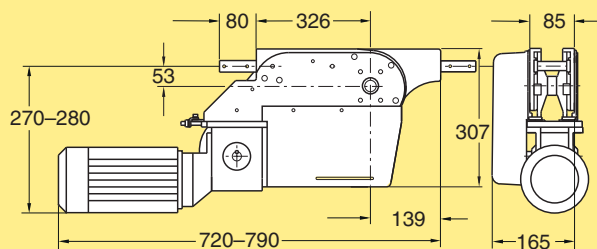
End drive unit, max 1250 N  
3-phase motor on right side  
50 Hz 230/400 V  
60 Hz 230/460 V

**XMEB # HNRP**  
**XMEB # HNRAP**

*Insert desired speed instead of # in designation:*  
50 Hz: 5-10-15-20-30-40-50-60 m/min.  
60 Hz: 6-10-16-19-31-44-63 m/min.  
Maximum traction force: see diagram, page 16.  
Effective track length: 0,80 m  
Variable speed motors: see page 335.

## Intermediate drive units XM

### Intermediate drive unit HL/HLA

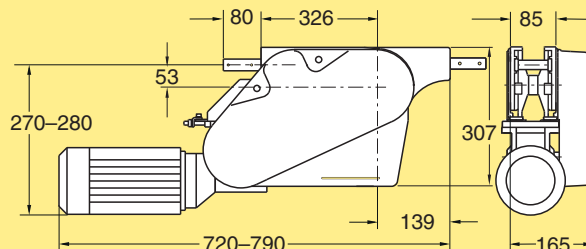


Intermediate drive unit  
Suspended 3-phase motor  
Transmission on left side  
50 Hz 230/400 V  
60 Hz 230/460 V

**XMER # HL**  
**XMER # HLA**

*Insert desired speed instead of # in designation:*  
50 Hz: 5-10-15-20-25 m/min.  
60 Hz: 6-9-12-15-19-25 m/min.  
Maximum traction force: 200 N. See page 16.  
Effective track length: 1,00 m

### Intermediate drive unit HR/HRA



Intermediate drive unit  
Suspended 3-phase motor  
Transmission on right side  
50 Hz 230/400 V  
60 Hz 230/460 V

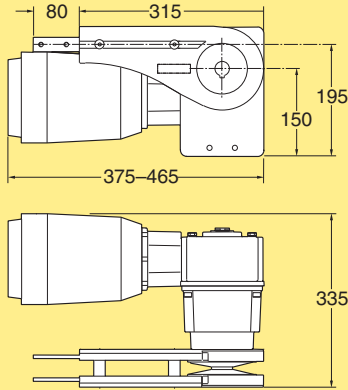
**XMER # HR**  
**XMER # HRA**

*Insert desired speed instead of # in designation:*  
50 Hz: 5-10-15-20-25 m/min.  
60 Hz: 6-9-12-15-19-25 m/min.  
Maximum traction force: 200 N. See page 16.  
Effective track length: 1,00 m

PO  
XS  
XL  
XLP  
**XM**  
XMP  
XH  
XK  
XKP  
XB  
GR  
CS  
XT  
XC  
XF  
FST  
XMY  
XMX  
XHX  
GRX  
CSX  
APX  
IDX

# Drive units for vertical wedge conveyors XM

## Direct drive unit for vertical wedge conveyor



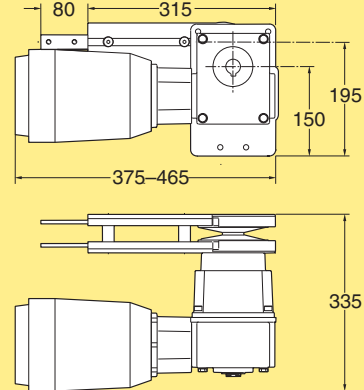
Direct drive unit for vertical wedge conveyor

Without chain slack  
3-phase motor on left side  
50 Hz 230/400 V  
60 Hz 230/460 V

**XMEB # HLGP**  
**XMEB # HLAGP**

*Insert desired speed instead of # in designation:*  
50 Hz: 5-10-15-20-25-30-40-50-60 m/min.  
60 Hz: 6-10-16-19-31-36-44-63 m/min.  
Maximum traction force: 1250 N. See page 16.  
Effective track length: 0,80 m

## Direct drive unit for vertical wedge conveyor



Direct drive unit for vertical wedge conveyor

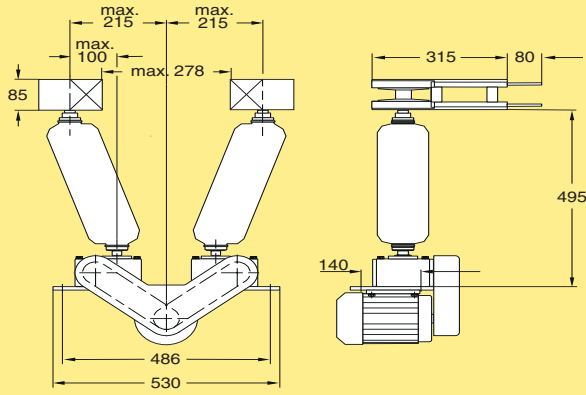
Without chain slack  
3-phase motor on right side  
50 Hz 230/400 V  
60 Hz 230/460 V

**XMEB # HRGP**  
**XMEB # HRAGP**

*Insert desired speed instead of # in designation:*  
50 Hz: 5-10-15-20-25-30-40-50-60 m/min.  
60 Hz: 6-10-16-19-31-36-44-63 m/min.  
Maximum traction force: 1250 N. See page 16.  
Effective track length: 0,80 m

PO  
XS  
XL  
XLP  
**XM**  
XMP  
XH  
XK  
XKP  
XB  
GR  
CS  
XT  
XC  
XF  
FST  
XMY  
XLX  
XMX  
XHX  
GRX  
CSX  
APX  
IDX

**Synchronous drive unit for vertical wedge conveyors**



Synchronous drive unit  
50 Hz 230/400 V

**XMED # H**

Insert desired speed instead of # in designation:  
50 Hz: 5-10-15-18-22-27-35-45-55 m/min.

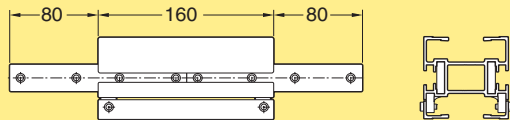
60 Hz: –

Maximum traction force: 1250 N. See page 16.

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

**Beam section for chain installation**

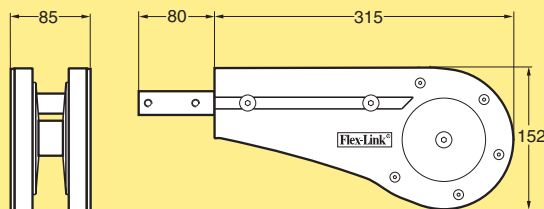


Beam section for chain installation **XMCC 160**

Including connection strips and screws

**Idler units XM**

**Idler end unit**

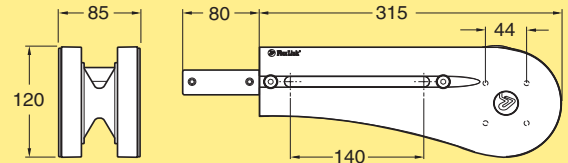


Idler end unit

**XMEJ 315**

Effective track length: 0,80 m

**Idler end unit Type S**



Idler end unit

Compact version

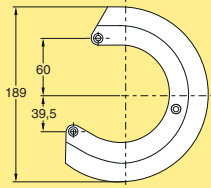
**XMEJ 315 S**

Effective track length: 0,70 m

Each side plate has four unfinished holes for attachment of accessories. Requires drilling through side plate. A drill fixture (5057144) is available.

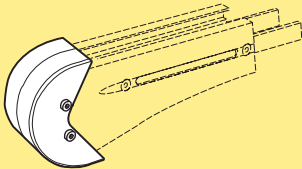
## Idler units XM (continued)

### Protective cover for idler end unit



Protective cover for XMEJ 315 **XMSJ 189**

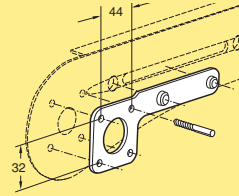
### Protective cover for idler end unit



Protective cover for XMEJ 315 S **XMSJ 146**

Including mounting screws (M8). Requires drilling of two holes in each side plate. Use drill fixture 5057144.

### Drill fixture for idler end unit

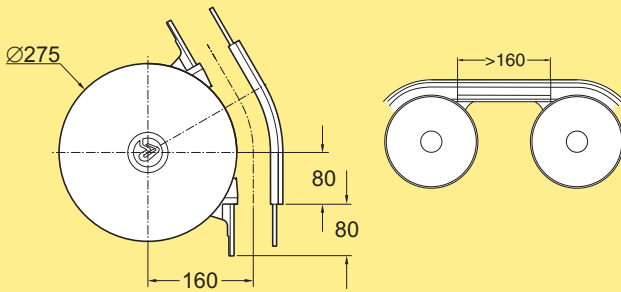


Drill fixture for XMEJ 315 S **5057144**

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 XM

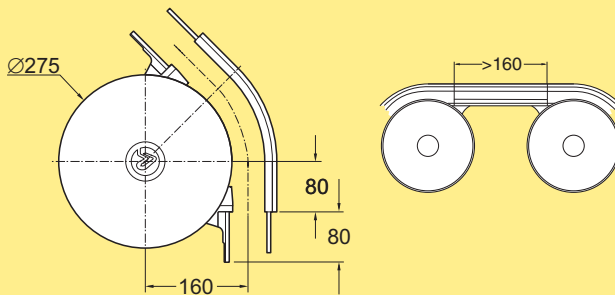
### Wheel bend, 30°



Wheel bend, 30° **XMBH 30R160 A**

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

### Wheel bend, 45°



Wheel bend, 45° **XMBH 45R160 A**

Effective track length: 0,30 m 1-way (0,60 m 2-way)

## Wheel bends XM (continued)

**Wheel bend, 90°**

Wheel bend, 90° **XMBH 90R160 A**  
 Effective track length: 0,40 m 1-way (0,80 m 2-way)

**Wheel bend, 5°–180°, 210°**

Wheel bend, 5°–180°, 210° **XMBH ER160 A**  
 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 bend, 180°**

Wheel bend, 180° **XMBH 180R160 A**  
 Effective track length: 0,65 m 1-way (1,30 m 2-way)

## Horizontal plain bends XM

**Horizontal plain bend, 30°**

Horizontal plain bend, 30°±1°  
 R=300±10 mm **XMBP 30R300**  
 R=500±10 mm **XMBP 30R500**  
 R=700±10 mm **XMBP 30R700**  
 R=1000±10 mm **XMBP 30R1000**

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)

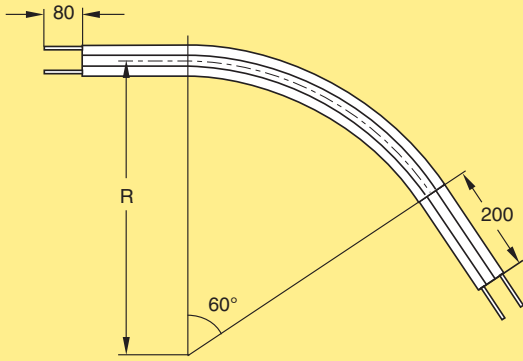
**Horizontal plain bend, 45°**

Horizontal plain bend, 45°±1°  
 R=300±10 mm **XMBP 45R300**  
 R=500±10 mm **XMBP 45R500**  
 R=700±10 mm **XMBP 45R700**  
 R=1000±10 mm **XMBP 45R1000**

Effective track lengths:  
 R300: 0,65 m 1-way (1,30 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)

## Horizontal plain bends XM (continued)

### Horizontal plain bend, 60°



Horizontal plain bend, 60°±1°

R=500±10 mm

R=700±10 mm

R=1000±10 mm

**XMBP 60R500**

**XMBP 60R700**

**XMBP 60R1000**

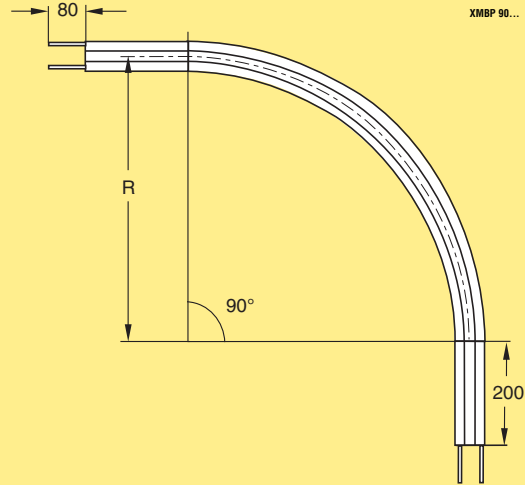
*Effective track lengths:*

*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)*

### Horizontal plain bend, 90°



Horizontal plain bend, 90°±1°

R=300±10 mm

R=500±10 mm

R=700±10 mm

R=1000±10 mm

**XMBP 90R300**

**XMBP 90R500**

**XMBP 90R700**

**XMBP 90R1000**

*Effective track lengths:*

*R300: 0,90 m 1-way (1,75 m 2-way)*

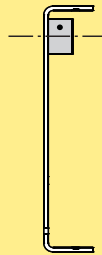
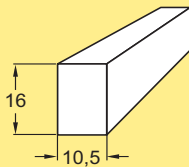
*R500: 1,20 m 1-way (2,40 m 2-way)*

*R700: 1,50 m 1-way (3,00 m 2-way)*

*R1000: 2,00 m 1-way (3,95 m 2-way)*

## Support rail for plain bends XM

### Support rail for plain bends



Support rail for plain bends, XM–XH

Length 2,4 m

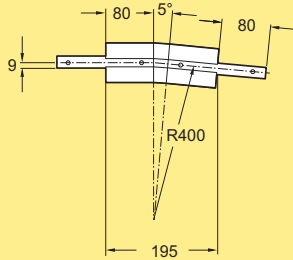
Polyamide

**5048598**

*Fix with sheet metal screw BSS ST 4,2x9,5 or similar.  
See page 324 for installation instructions.*

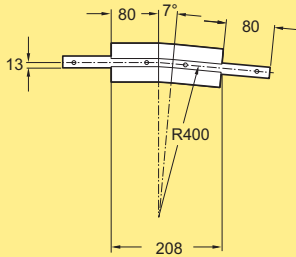
# Vertical bends XM

## Vertical bend, 5°



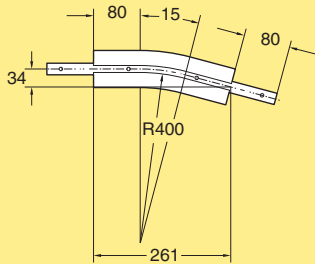
Vertical bend, 5° **XMBV 5R400**  
Effective track length: 0,20 m 1-way (0,40 m 2-way)

## Vertical bend, 7°



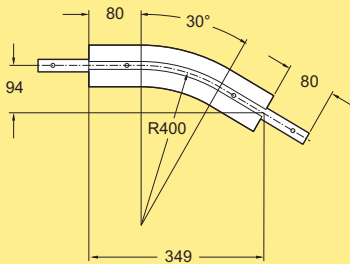
Vertical bend, 7° **XMBV 7R400**  
Effective track length: 0,20 m 1-way (0,45 m 2-way)

## Vertical bend, 15°



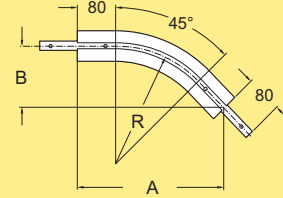
Vertical bend, 15° **XMBV 15R400**  
Effective track length: 0,30 m 1-way (0,55 m 2-way)

## Vertical bend, 30°



Vertical bend, 30° **XMBV 30R400**  
Effective track length: 0,40 m 1-way (0,75 m 2-way)

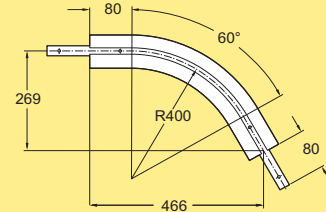
## Vertical bend, 45°



Vertical bend, 45°  
R= 400, A=419, B=417 **XMBV 45R400**  
R=1000, A=844, B=349 **XMBV 45R1000**

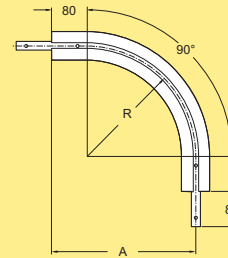
Effective track length:  
R400: 0,50 m 1-way (0,95 m 2-way)  
R1000: 0,95 m 1-way (1,90 m 2-way)

## Vertical bend, 60°



Vertical bend, 60° **XMBV 60R400**  
Effective track length: 0,65 m 1-way (1,20 m 2-way)

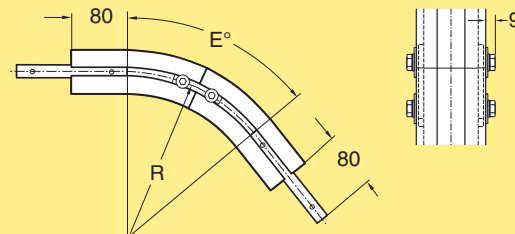
## Vertical bend, 90°



Vertical bend, 90°  
R= 400, A= 480 **XMBV 90R400**  
R=1000, A=1080 **XMBV 90R1000**

Effective track length:  
R400: 0,85 m 1-way (1,60 m 2-way)  
R1000: 1,75 m 1-way (3,50 m 2-way)

## Vertical bend, 5°-90°



Vertical bend, 5°-90°  
R=400 **XMBV ER400**  
R=1000 **XMBV ER1000**

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, Front piece, Drip trays, Drip catchers and Drip pans XM**  
see chapter X85 in FlexLink product catalogue 5147

**Components for track width adjustment XM**  
see chapter X85 in FlexLink product catalogue 5147

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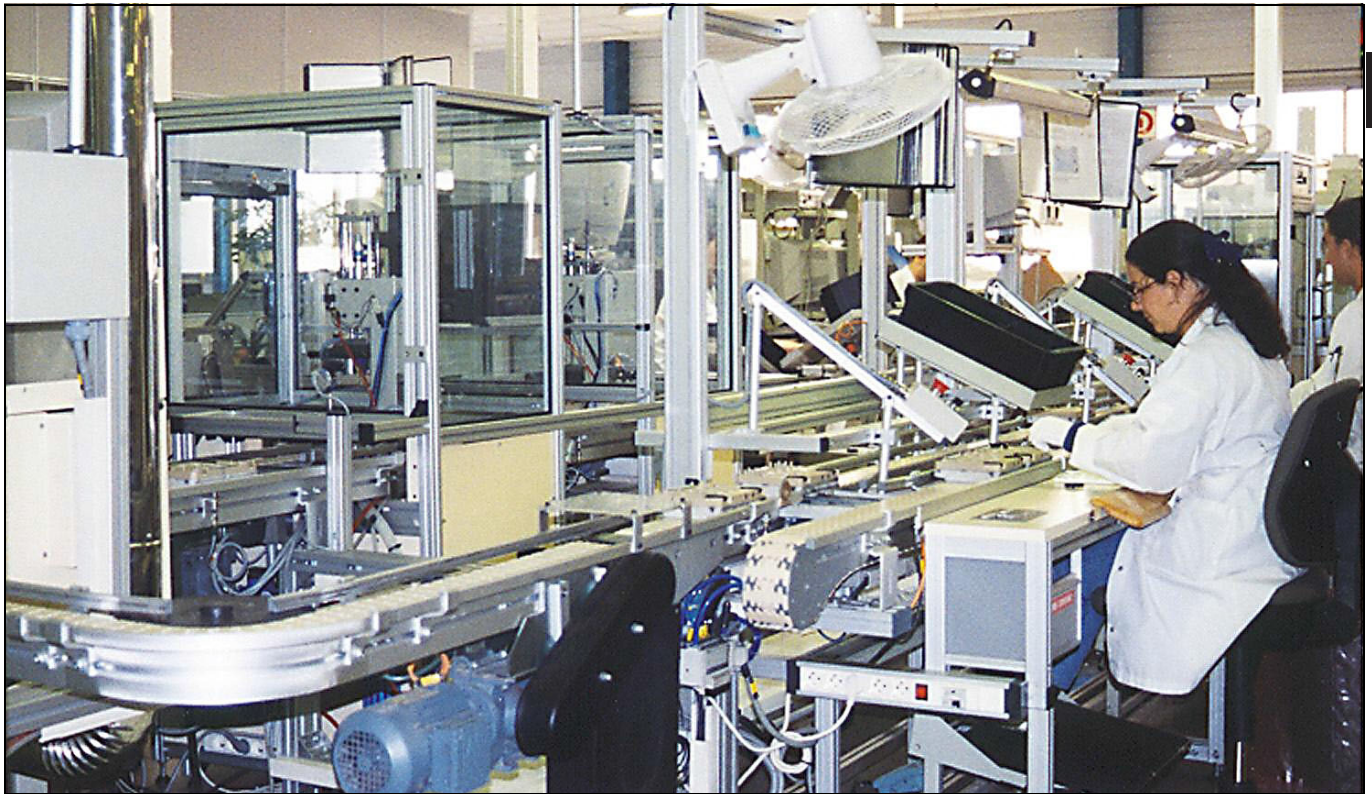
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# XM pallet handling components

## Contents

System information.....	17	Guide rail.....	21
Pallets .....	18	Guide rail bracket .....	21
Pallet accessories.....	18	Pallet locating station .....	22
Pallets XMPP 150×120, XMPP 150×150.....	19	Pallet stop cylinder.....	23
Pallets XMPP 150×200, XMPP 150×250.....	20		

## System information



### Pallet handling products for conveyor system XM

The pallet handling components for conveyor system XL are designed for loads up to 8 kg. The maximum size of the products on the pallets depends on the shape of the products and the location of their centre of gravity.

Guide rail brackets specifically designed for the pallet track width are available. The system also includes pre-bent guide rails for bends.

### Application areas

Examples of application areas are transport and assembly of spark plugs, gear wheels, fuel injectors, hydraulic pistons, headlights, brake cylinders, cellular phones, and harddisk drives.

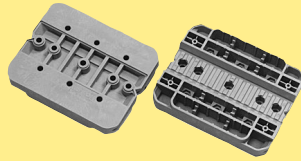
### Technical characteristics

Pallet sizes (W×L×H) .....	150 mm × 120 mm × 26 mm
	150 mm × 150 mm × 26 mm
	150 mm × 200 mm × 26 mm
	150 mm × 250 mm × 26 mm
Maximum load on pallet.	5–8 kg (including pallet and fixtures)

PO  
XS  
XL  
XLF  
XM  
XMP  
XH  
XK  
XKP  
XB  
GR  
CS  
XT  
XC  
XF  
FST  
XMY  
XLX  
XMX  
XHX  
GRX  
CSX  
APX  
IDX

## Pallets

### Pallet 150x120

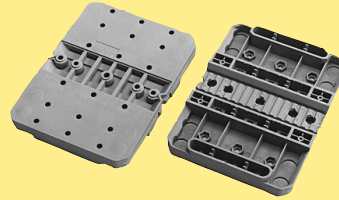


Pallet, length 120 mm

**XMPP 150x120**

Mineral reinforced PPE-PA. Weight: 0,26 kg. Max load 5,0 kg. Max load includes fixture weight.  
See page 19 for detailed pallet dimensions

### Pallet 150x200

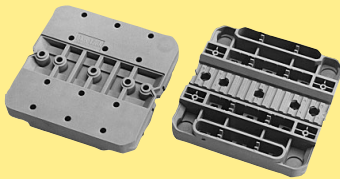


Pallet, length 200 mm

**XMPP 150x200**

Mineral reinforced PPE-PA. Weight: 0,32 kg. Max load 7,0 kg. Max load includes fixture weight.  
See page 20 for detailed pallet dimensions

### Pallet 150x150

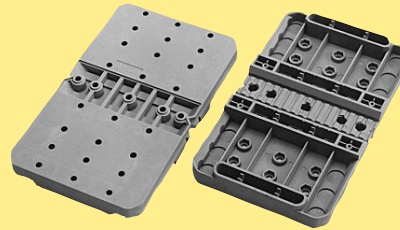


Pallet, length 150 mm

**XMPP 150x150**

Mineral reinforced PPE-PA. Weight: 0,28 kg. Max load 6,0 kg. Max load includes fixture weight.  
See page 19 for detailed pallet dimensions

### Pallet 150x250

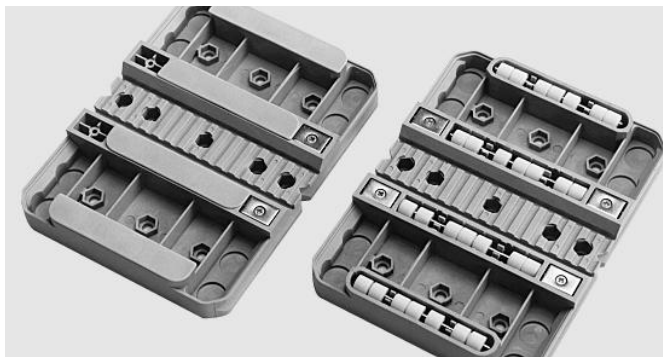


Pallet, length 250 mm

**XMPP 150x250**

Mineral reinforced PPE-PA. Weight: 0,38 kg. Max load 8,0 kg. Max load includes fixture weight.  
See page 20 for detailed pallet dimensions

## Pallet accessories



### Shaft and roller kit



Shaft and roller kit

**5056002**

Rollers: Polyacetal resin

Shaft: Stainless steel

4 shafts, 28 rollers. 1 kit is needed for each pallet.

### Slide block for pallet



Slide block for pallet

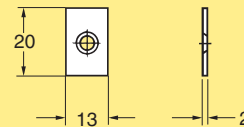
**XMPS 100**

Polyamide

1 slide block. 4 slide blocks are needed for each pallet.

Note. Must be ordered in multiples of 10

### Initiator plate



Initiator plate

**XMPL 13x20**

Steel. Including screw

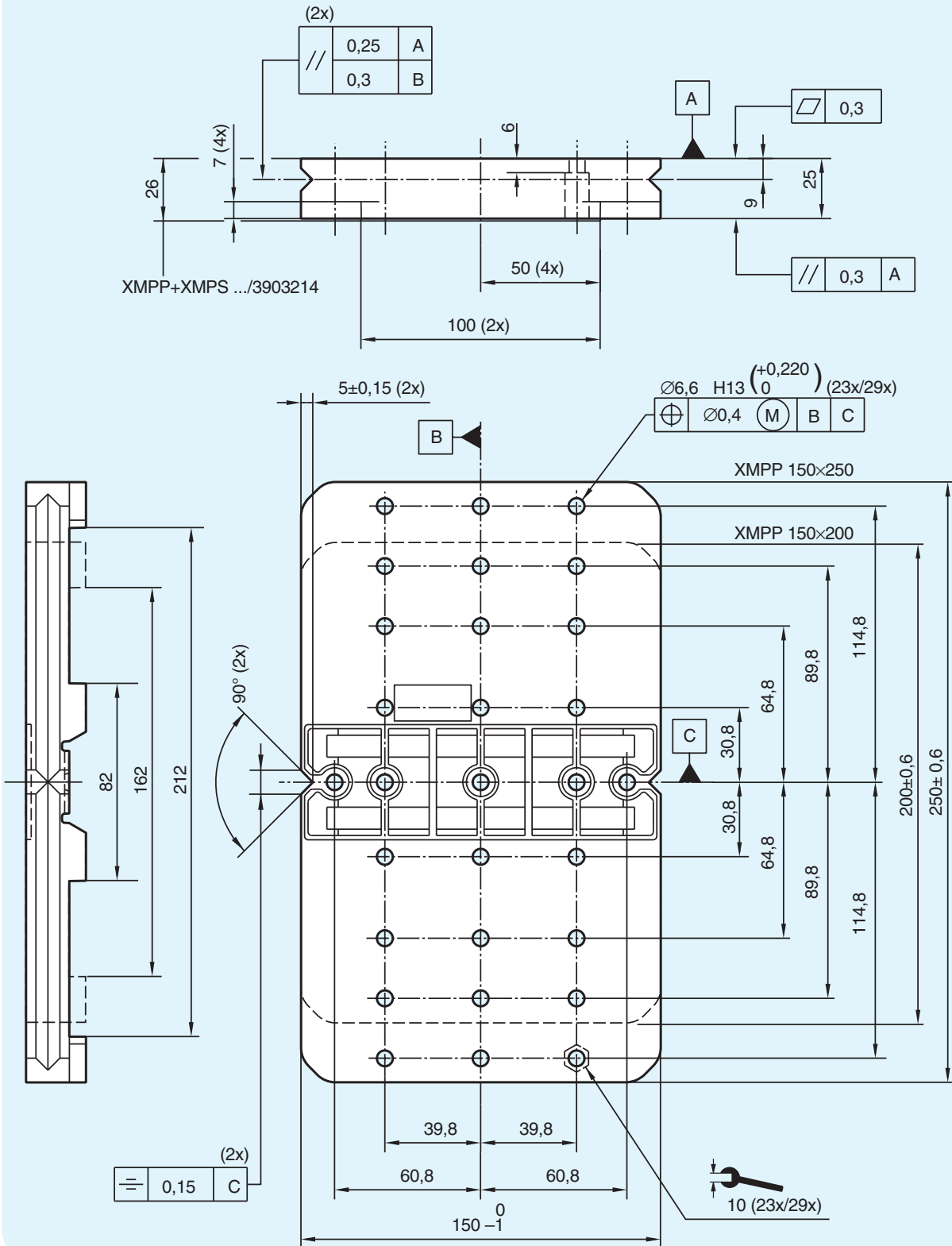
1 to 4 initiator plates can be fitted to a pallet.

Note. Must be ordered in multiples of 25



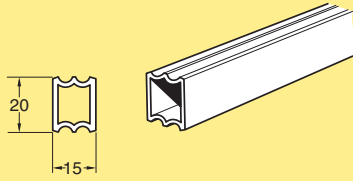


XMPP 150x200  
XMPP 150x250



# Guide rail

## Guide rail 15 mm, aluminium

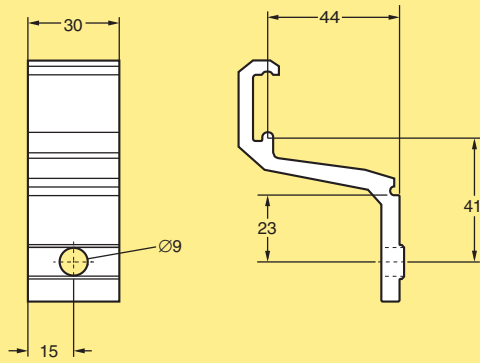


Straight rail 15 mm  
Aluminium, length 3 m

**XLRS 3x15**

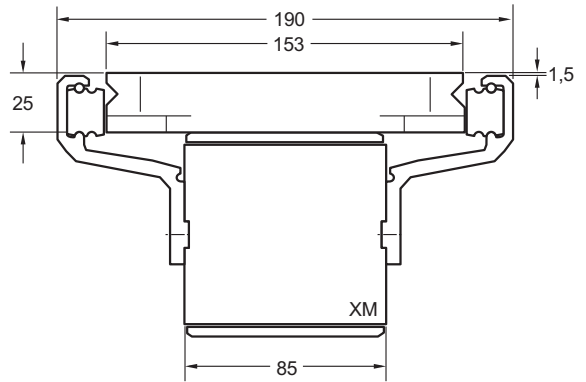
## Guide rail bracket

### Fixed guide rail bracket



Guide rail bracket

**XLRB 49x42**



PO

XS

XL

XLF

XM

**XMP**

XH

XK

XKP

XB

GR

CS

XT

XC

XF

FST

XMY

XLX

XXM

XHX

GRX

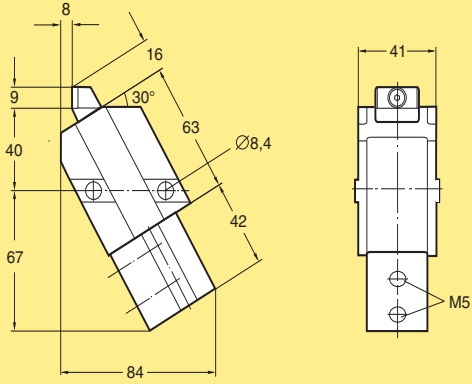
CSX

APX

IDX

# Pallet stop cylinder

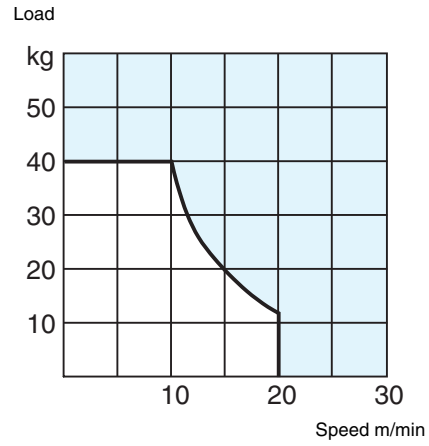
## Pallet stop cylinder



Pneumatic stop cylinder  
Double-actuated

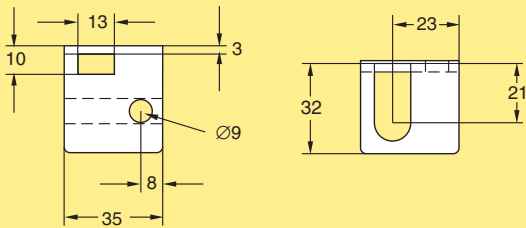
**XMPD 20x10 EA**

Housing, cover: anodized aluminium  
Plunger: polyamide with steel top  
Stroke: 10 mm. Theoretical force at 0,6 MPa: 130 N (minus direction)  
For use with cylinder position sensor. Including Ø6 pipe connections and the necessary mounting hardware.



The diagram shows the maximum permissible weight of a group of pallets (product weight + pallet weight) that the stop cylinder is capable of stopping, as a function of the conveyor speed.

## Bracket for proximity switch

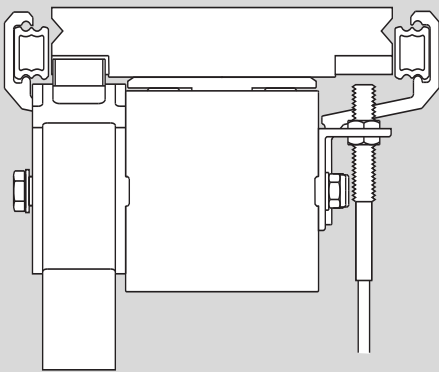


Bracket for proximity switch  
Ø12 mm

**XMPB 12**

Anodized aluminium

## Pallet stop cylinder on conveyor beam



# Product index

## Product designations in alphanumeric order

3920500 .....	6	XMBV 90R400 .....	15	XMTL 83×15 A* .....	2
3923005 .....	6	XMBV ER1000 .....	15	XMTL 83×30 A* .....	2
5048598 .....	14	XMBV ER400 .....	15	XMTM 83 C* .....	3
5051395 .....	6	XMCB 3 H .....	5	XMTM 83 D* .....	3
5056002 .....	18	XMCB 3 .....	4	XMTP 5 C .....	2
5056167 .....	7	XMCB L H .....	5	XMTP 5 TF .....	2
5057144 .....	12	XMCB L .....	4	XMTP 5 .....	2
5057207 .....	7	XMCC 160 .....	11	XMTR 5 .....	2
5057208 .....	7	XMCC 160 .....	4	XMTT 13×16 .....	3
5057212 .....	4	XMCE 49×30 .....	5	XMTX 75 D* .....	3
5057676 .....	7	XMCR W30 TH .....	7	XMTX 78 C* .....	3
5058263 .....	4	XMCR W45 TH .....	7		
5058269 .....	4	XMCR W90 TH .....	7		
5058270 .....	4	XMEB # HL .....	8		
LDSS 450 .....	3	XMEB # HLA .....	8		
XLAB 25 .....	5	XMEB # HLAGP .....	10		
XLAG 5 .....	6	XMEB # HLAP .....	8		
XLAH 4×6 .....	6	XMEB # HLGP .....	10		
XLCJ 6×130 .....	5	XMEB # HLP .....	8		
XLCJ 6×160 .....	5	XMEB # HNLAP .....	9		
XLCR 25 H .....	6	XMEB # HNLP .....	9		
XLCR 25 P .....	6	XMEB # HNRAP .....	9		
XLCR 25 U .....	6	XMEB # HNRP .....	9		
XLCR 25 .....	6	XMEB # HR .....	8		
XLCR 3 TA .....	6	XMEB # HRA .....	8		
XLCR 3 TH .....	7	XMEB # HRAGP .....	10		
XLRB 49×42 .....	21	XMEB # HRAP .....	8		
XLRS 3×15 .....	21	XMEB # HRGP .....	10		
XMBH 180R160 A .....	13	XMEB # HRP .....	8		
XMBH 30R160 A .....	12	XMED # H .....	11		
XMBH 45R160 A .....	12	XMEJ 315 S .....	11		
XMBH 90R160 A .....	13	XMEJ 315 .....	11		
XMBH ER160 A .....	13	XMER # HL .....	9		
XMBP 30R1000 .....	13	XMER # HLA .....	9		
XMBP 30R300 .....	13	XMER # HR .....	9		
XMBP 30R500 .....	13	XMER # HRA .....	9		
XMBP 30R700 .....	13	XMMJ 6 .....	3		
XMBP 45R1000 .....	13	XMMR 140 .....	6		
XMBP 45R300 .....	13	XMPB 12 .....	22		
XMBP 45R500 .....	13	XMPD 20×10 EA .....	22		
XMBP 45R700 .....	13	XMPL 13×20 .....	18		
XMBP 60R1000 .....	14	XMPP 150×120 .....	18		
XMBP 60R500 .....	14	XMPP 150×150 .....	18		
XMBP 60R700 .....	14	XMPP 150×200 .....	18		
XMBP 90R1000 .....	14	XMPP 150×250 .....	18		
XMBP 90R300 .....	14	XMPS 100 .....	18		
XMBP 90R500 .....	14	XMSJ 146 .....	12		
XMBP 90R700 .....	14	XMSJ 189 .....	12		
XMBV 15R400 .....	15	XMTD 6×50 .....	3		
XMBV 30R400 .....	15	XMTE 5 C .....	3		
XMBV 45R1000 .....	15	XMTE 5 D .....	3		
XMBV 45R400 .....	15	XMTL 83 B* .....	2		
XMBV 5R400 .....	15	XMTL 83 F* .....	2		
XMBV 60R400 .....	15	XMTL 83 R* .....	2		
XMBV 7R400 .....	15	XMTL 83 TF* .....	2		
XMBV 90R1000 .....	15	XMTL 83* .....	2		

PO

XS

XL

XLP

XM

XMP

XH

XK

XKP

XB

GR

CS

XT

XC

XF

FST

XMY

XLX

XMX

XHX

GRX

CSX

APX

IDX

