

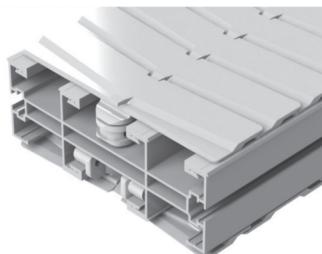
MODU MX2

CONVEYOR SERIES

Technical Characteristics

Chain Width	220 mm
Chain Pitch	44.5 mm
Chain Weight	3.4 kg/m
Chain Working Tension (Max)	
With Bend	1000 N
Without Bend	1200 N
Max Product Weight*	
<i>Horizontal Transport</i>	25.0 kg
<i>Vertical Transport</i>	15.0 kg
Total Load*	400 kg
Working Temperature*	-10°C to 60°C
Max Conveyor Length*	30 m
Max speed*	50 m/min
Drive Unit Capacity	1300 N
Item Width*	70 - 500 mm

* Actual limit may vary according to conveyor layout and application.



Chain Width 220mm

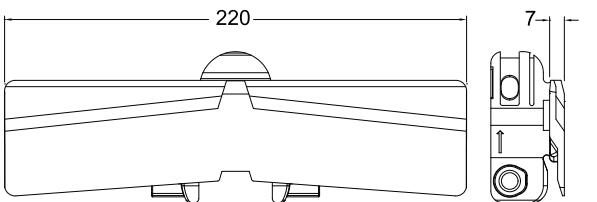


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MODU MX2 SERIES - CHAIN

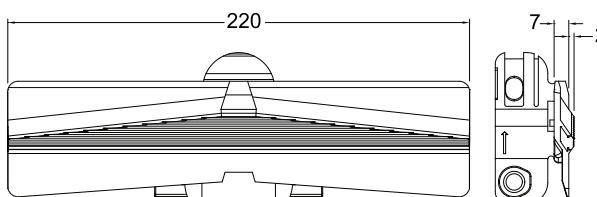
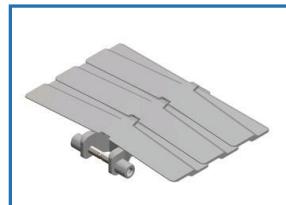
Chain MX2



Item Code	Material	Color	Weight	Supply
MX2 CP 5	POM	White	17.2 kg/roll	5m/roll

Plain Chain

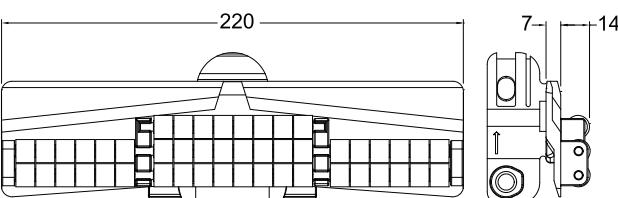
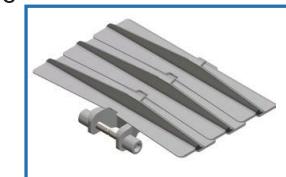
- Suitable for conveyor configuration with incline/decline up to 7°.
- Accumulation possible.



Item Code	Material	Color	Weight	Supply
MX2 CF 5	POM	White	18.2 kg/roll	5m/roll

Friction Chain

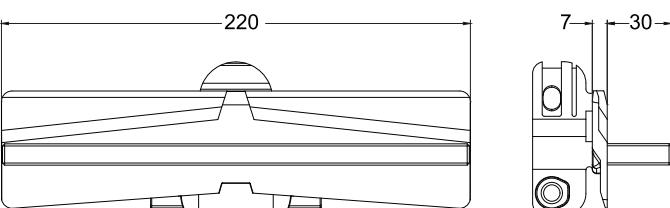
- Suitable for conveyor configuration with incline/decline up to 25°.
- Friction material : TPE (grey).
- Accumulation not possible



Item Code	Material	Color	Weight	Supply
MX2 RT 3	POM	White	22.0 kg/roll	3m/roll

Roller Top Chain

- Accumulation possible.
- Low back force.



Cleated Link - PE Cleated (Machine)

- Required for vertical or steeply inclined /declined conveyor.
- Accumulation not possible.
- Not suitable to be use with Combined Drive.
- Supply in pieces.



*P

Please specify pitch between cleat for ordering
(eg. MX2 CC 3x30 4P ; 4P = Every 4rd link to be cleated).

* Non-standard height are available upon request.

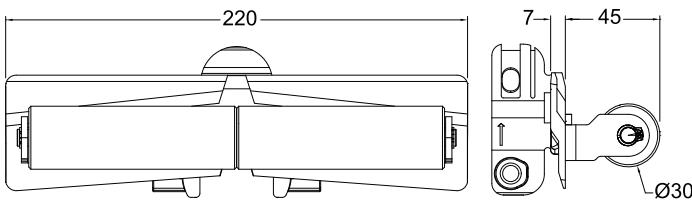
Item Code	Material	Color	Weight	Supply
MX2 CC 3x30 *P	POM	White	** kg/pc	1 pc

Please consult MODU representative for further information and assistance.

Units: Dimension (mm)

MODU MX2 SERIES - CHAIN

AP
TR
MP
MS3
MM3
ML2
MX2
MT2
MR2
MF2
MPP
MM3P
ML2P
MDP
MG
MB
MA
DS3
DM3
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DT2
DR2
DF2
DG
DB
DA
SD
SE
TL
IM
MM

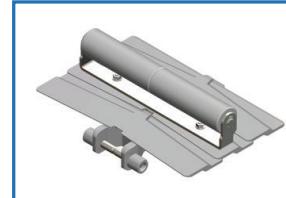


*p

Please specify pitch between cleat for ordering
(eg. MX2 CR 3x15P 3p = Every 3rd link to be cleated).

* Non-standard height are available upon request.

Item Code	Material	Color	Weight	Supply
MX2 CR 3X15P *p	POM	White	** kg/pc	1 pc



Roller Cleated Link

- Required for vertical or steeply inclined / declined conveyor.
- Accumulation not possible.
- Not suitable to be use with Combined Drive.
- Supply in pieces.

Chain Accessories MX2

Lubricant For Chain



Silicone-based lubricant,
400ml

Item Code	Weight	Supply
MA SL	0.35 kg/can	1 can

Stainless Steel Pin



Item Code	Weight	Supply
ML2 PN M8x73	0.07 kg	10 pcs / pkt

Chain Pivot



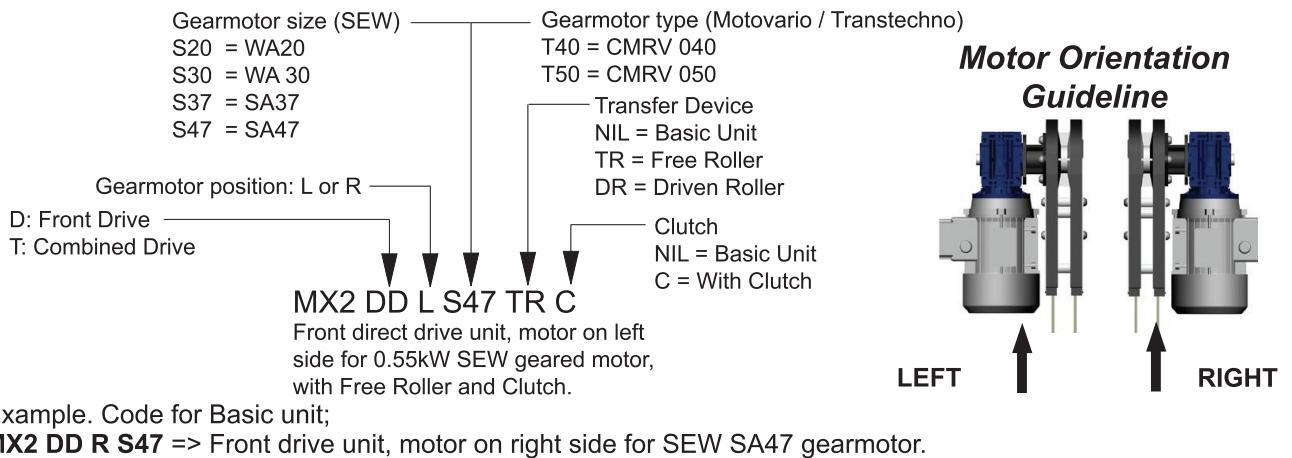
Item Code	Weight	Supply
ML2 PV	0.07 kg	10 pcs / pkt

Please consult MODU representative for further information and assistance.

Units: Dimension (mm)

MODU MX2 SERIES - DRIVE UNITS

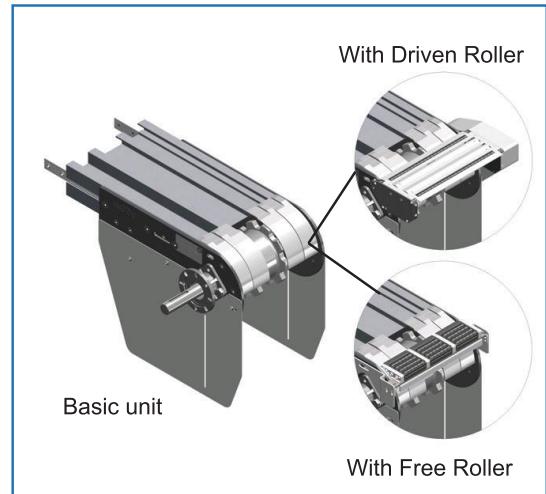
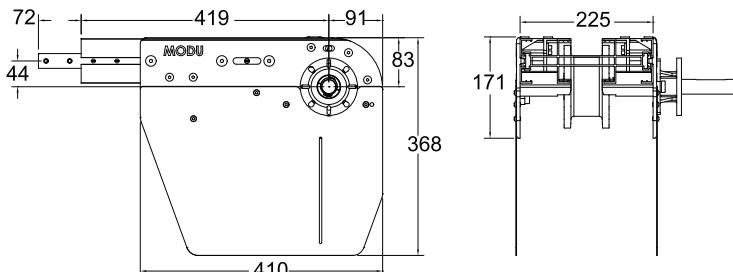
Drive Units MX2



Example. Code for Basic unit;
MX2 DD R S47 => Front drive unit, motor on right side for SEW SA47 gearmotor.

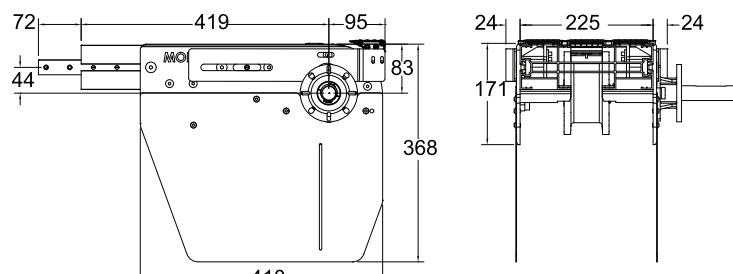
Front Drive Unit

Basic Front Drive

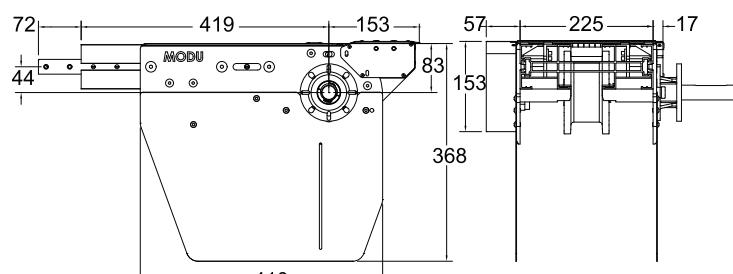


**Comes without safety cover

Front Drive with Free Roller



Front Drive with Driven Roller



Driven Roller speed is approximately 10% higher than conveyor speed.

- Effective track length: 1.16m
- Traction force: 1300N
- Connecting strip and set screw included.
- Note:
- Safety Cover comes as an option.
- Recommended maximum chain elongation is 328mm from top conveyor to chain slack.

Item Code	Description	Weight	Supply
MX2 DD R/L S/T	Basic drive unit	8.5 kg	1 unit
MX2 DD R/L S/T TR	With transfer roller	8.8 kg	1 unit
MX2 DD R/L S/T DR	With driven roller	10.3 kg	1 unit

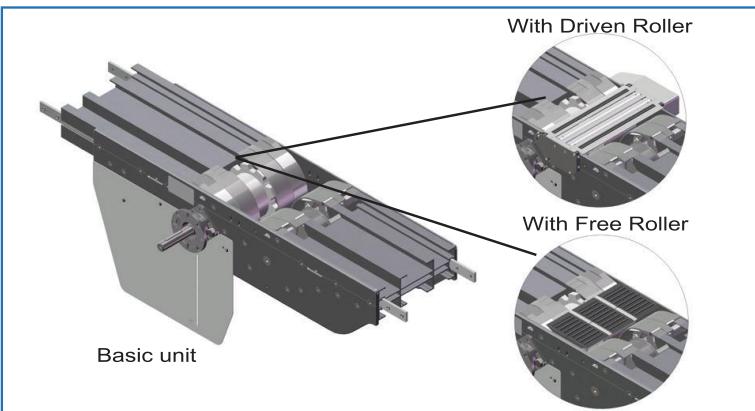
Please consult MODU representative for further information and assistance.

Units: Dimension (mm)

MODU MX2 SERIES - DRIVE UNITS

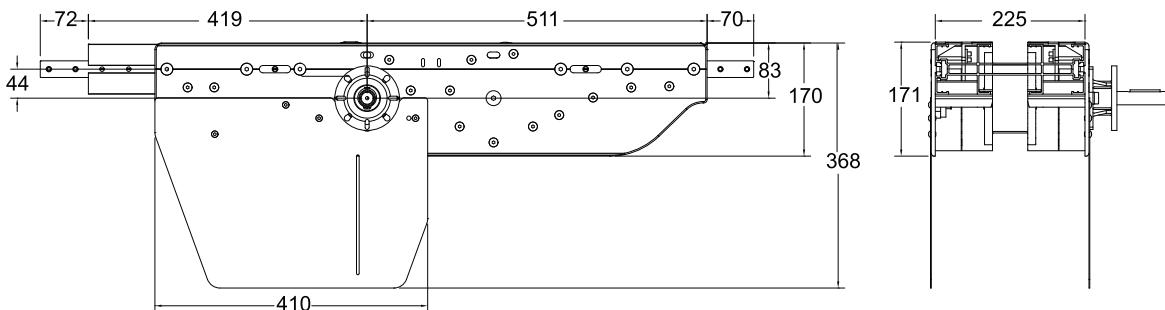
AP
TR
MP
MS3
MM3
ML2
MX2
MT2
MR2
MF2
MPP
MM3P
ML2P
MDP
MG
MB
MA
DS3
DM3
DL2
DX2
DT2
DR2
DF2
DG
DB
DA
SD
SE
TL
IM
MM

Combined Drive Unit

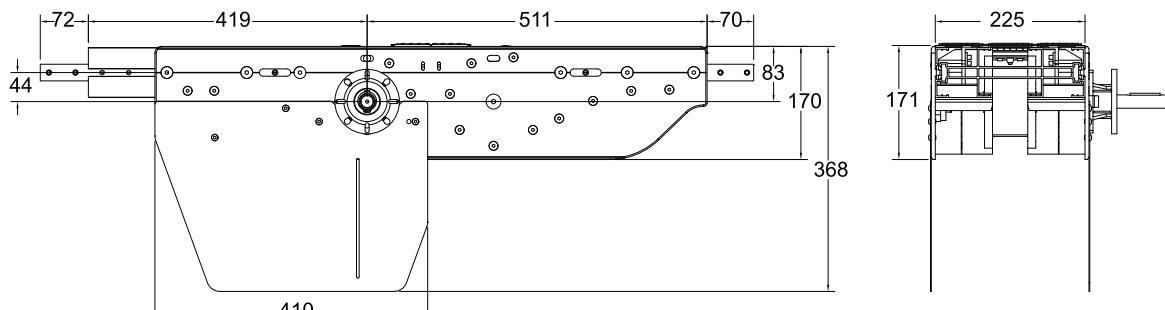


**Comes without safety cover

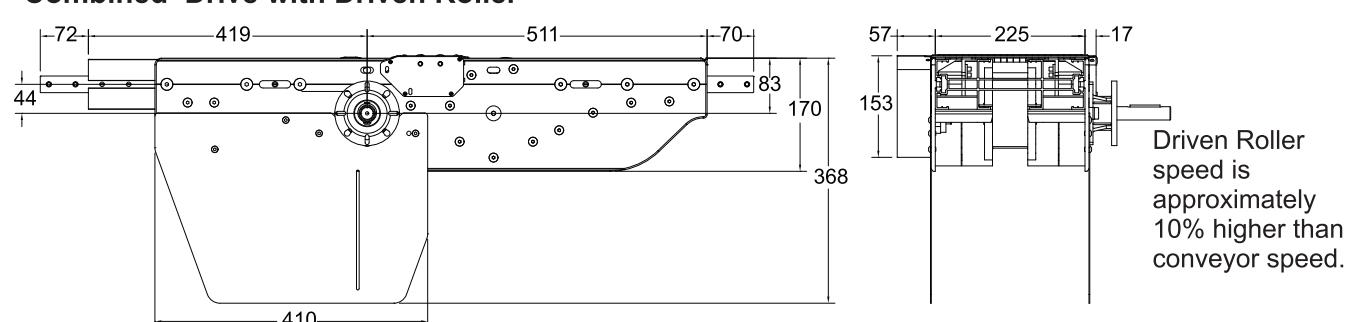
Basic Combined Drive



Combined Drive with Free Roller



Combined Drive with Driven Roller



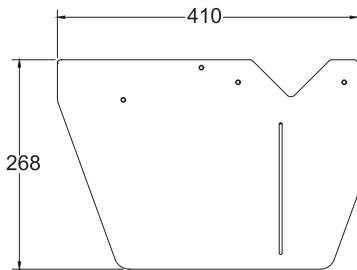
- Effective track length: 2.19m
- Traction force: 1300N
- Connecting strip and set screw included.
- Note:
- Safety Cover comes as an option.
- Recommended maximum chain elongation is 328mm from top conveyor to chain slack.

Please consult MODU representative for further information and assistance.

Units: Dimension (mm)

MODU MX2 SERIES - DRIVE UNITS

Standard Safety Cover

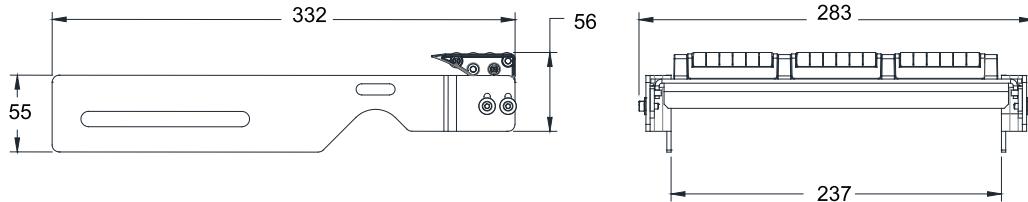


- Material : Stainless Steel
- Suitable to be used with front drive unit and combined drive unit

Item Code	Weight	Supply
SC2 268	1.8 kg	2 pcs/set

Free Transfer Roller

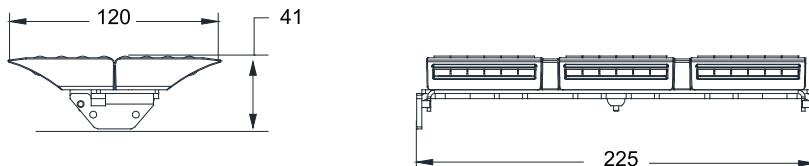
Direct Drive Unit



Item Code	Weight	Supply
MX2 TR DD/IE	1.2 kg	1 unit



Combined Drive Unit



Item Code	Weight	Supply
MX2 TR DT	0.62 kg	1 unit

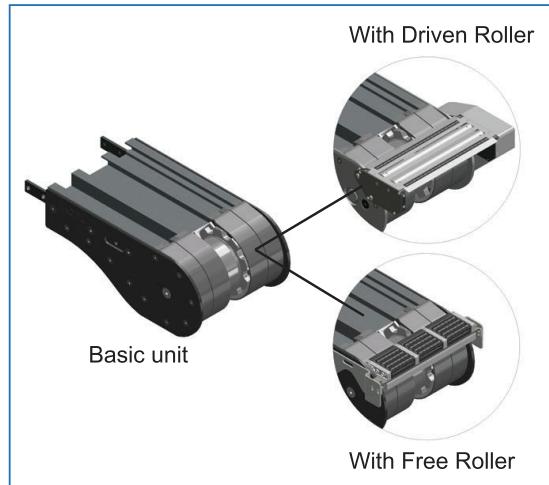
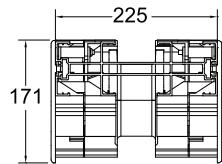
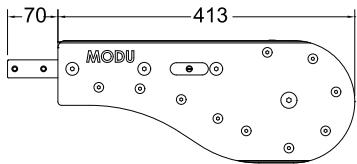


Please consult MODU representative for further information and assistance.

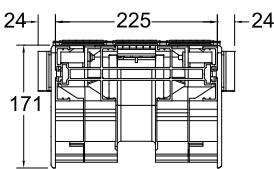
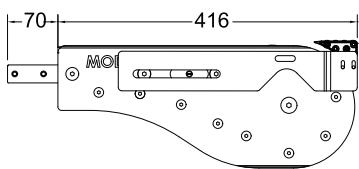
Units: Dimension (mm)

Idler End MX2

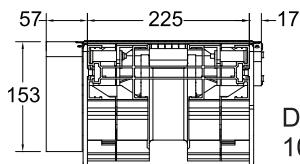
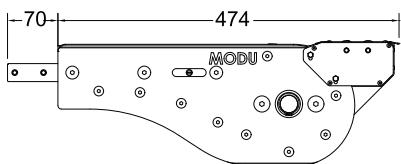
Basic Idler End Unit



Idler End Unit with Free Roller



Idler End Unit with Driven Roller



Driven Roller speed is approximately 10% higher than conveyor speed.

- Effective track length: 1.02m
- Connecting strip and set screw included.

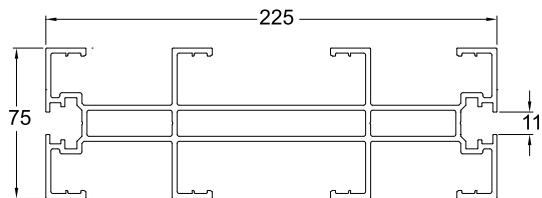
Item Code	Description	Weight	Supply
MX2 IE 400	Basic idler unit	8.4 kg	1 unit
MX2 IE 400 TR	With transfer roller	8.6 kg	1 unit
MX2 IE 400 DR L/R	With driven roller	10.4 kg	1 unit

Please consult MODU representative for further information and assistance.

Units: Dimension (mm)

MODU MX2 SERIES - BEAM AND ACCESSORIES

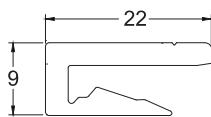
Conveyor Beam MX2



Item Code	Weight	Supply
MX2 CB 3	19.2 kg	3m / beam

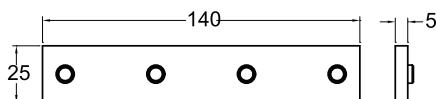
Accessories MX2

Slide Rail



Item Code	Material	Color	Weight	Supply
MA2 SR 25	HDPE	Semi-Transparent White	2.8 kg	25m/roll
MA2 SR 25A	Anti-Static	Grey	2.8 kg	25m/roll
MA2 SR 25U	UHMW-PE	-	-	-

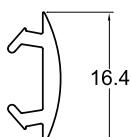
Connecting Strip



Item Code	Weight	Supply
MA CS 25x140	1.1 kg	10 pcs/pkt

- 4 pcs M8 set screw included.

T-Slot Cover



Item Code	Material	Color	Weight	Supply
MB SC 25T	TPE	Grey	1.5 kg	25m/roll
MB SC 25P	PVC	Light Grey	1.3 kg	25m/roll

Screw



Item Code	Weight	Supply
MA RS 6.5	0.02 kg	50 pcs/pkt

Slide Rail Mounting Tool



Item Code	Weight	Supply
ML2 SRA	0.4 kg	1 pc

Please consult MODU representative for further information and assistance.

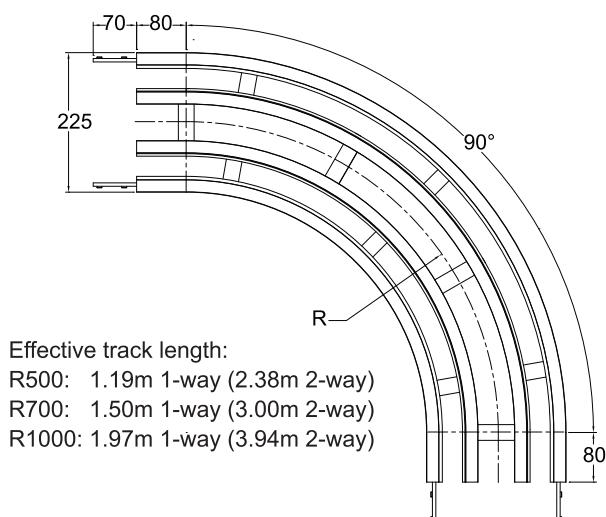
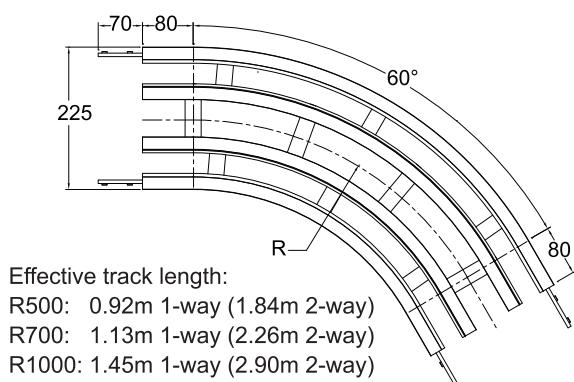
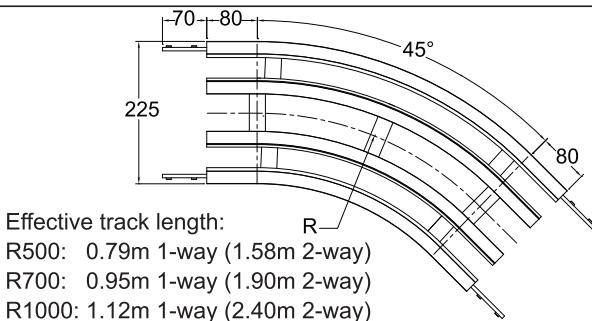
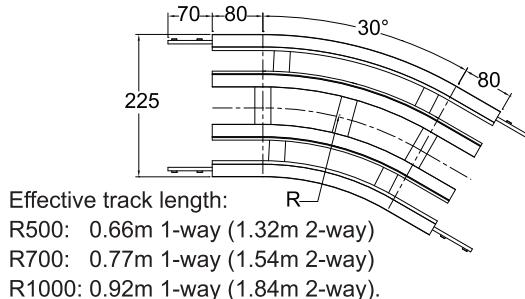
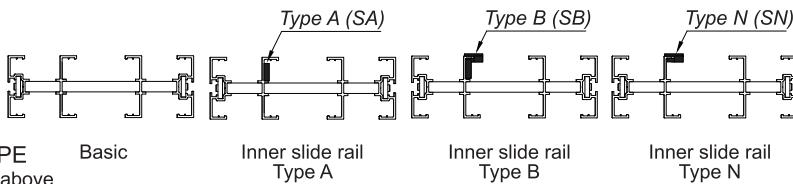
Units: Dimension (mm)

MODU MX2 SERIES - HORIZONTAL PLAIN BEND

Horizontal Plain Bend MX2

Plain bends comes with options for optimum usage
-Plain bend basic Unit.

- With inner slide rail Type A (SA), Material = PE.
 - With inner slide rail Type B (SB), Material = Nylon
 - With inner slide rail Type N (SN), Material = UHMW-PE
- *(SB) is recommended when conveyor speed is 30m/min and above



Horizontal Plain Bend, 30°

Item Code	Radius (R)	Weight	Supply
MX2 BP 30R500	500 mm	3.8 kg	1 unit
MX2 BP 30R700	700 mm	4.5 kg	1 unit
MX2 BP 30R1000	1000 mm	5.5 kg	1 unit

Tolerance: ± 2° & Radius: ± 10mm
- Connecting strip and set screw included.

Horizontal Plain Bend, 45°

Item Code	Radius (R)	Weight	Supply
MX2 BP 45R500	500 mm	4.6 kg	1 unit
MX2 BP 45R700	700 mm	5.6 kg	1 unit
MX2 BP 45R1000	1000 mm	7.2 kg	1 unit

Tolerance: ± 2° & Radius: ± 10mm
- Connecting strip and set screw included.

Horizontal Plain Bend, 60°

Item Code	Radius (R)	Weight	Supply
MX2 BP 60R500	500 mm	5.4 kg	1 unit
MX2 BP 60R700	700 mm	5.8 kg	1 unit
MX2 BP 60R1000	1000 mm	8.8 kg	1 unit

Tolerance: ± 2° & Radius: ± 10mm
- Connecting strip and set screw included.

Horizontal Plain Bend, 90°

Item Code	Radius (R)	Weight	Supply
MX2 BP 90R500	500 mm	7.2 kg	1 unit
MX2 BP 90R700	700 mm	9.2 kg	1 unit
MX2 BP 90R1000	1000 mm	12.2 kg	1 unit

Tolerance: ± 2° & Radius: ± 10mm
- Connecting strip and set screw included.

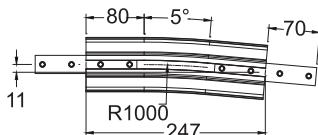
When ordering plain bends with inner slide rail, please specify the type using the following part number as an example.
Type A - MX2 BP 45R500 SA
Type B - MX2 BP 90R500 SB
Type N - MX2 BP 90R500 SN

Please consult MODU representative for further information and assistance.

Units: Dimension (mm)

AP
TR
MP
MS3
MM3
ML2
MT2
MR2
MF2
MPP
MM3P
ML2P
MDP
MG
MB
MA
DS3
DM3
DL2
DX2
DT2
DR2
DF2
DG
DB
DA
SD
SE
TL
IM
MM

Vertical Bend MX2



Vertical Bend, 5°

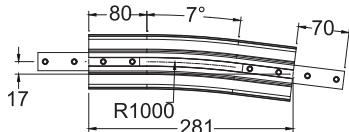
Effective track length:

R1000: 0.25m 1-way (0.5m 2-way)

- Tolerance: $\pm 2^\circ$ & Radius: $\pm 10\text{mm}$

- Connecting strip and set screw included.

Item Code	Weight	Supply
MX2 BV 5R1000	2.1 kg	1 unit



Vertical Bend, 7°

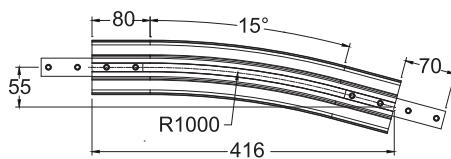
Effective track length:

R1000: 0.28m 1-way (0.56m 2-way)

- Tolerance: $\pm 2^\circ$ & Radius: $\pm 10\text{mm}$

- Connecting strip and set screw included.

Item Code	Weight	Supply
MX2 BV 7R1000	2.3 kg	1 unit



Vertical Bend, 15°

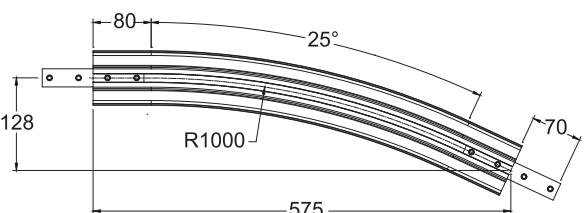
Effective track length:

R1000: 0.42m 1-way (0.84m 2-way)

- Tolerance: $\pm 2^\circ$ & Radius: $\pm 10\text{mm}$

- Connecting strip and set screw included.

Item Code	Weight	Supply
MX2 BV 15R1000	3.2 kg	1 unit



Vertical Bend, 25°

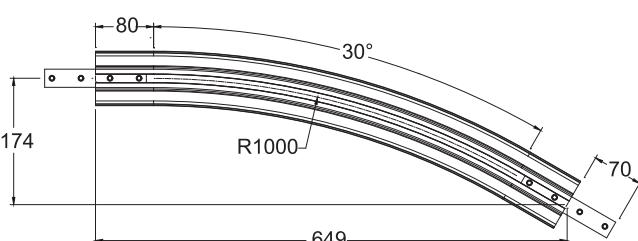
Effective track length:

R1000: 0.60m 1-way (1.20m 2-way)

- Tolerance: $\pm 2^\circ$ & Radius: $\pm 10\text{mm}$

- Connecting strip and set screw included.

Item Code	Weight	Supply
MX2 BV 25R1000	4.3 kg	1 unit



Vertical Bend, 30°

Effective track length:

R1000: 0.68m 1-way (1.36m 2-way)

- Tolerance: $\pm 2^\circ$ & Radius: $\pm 10\text{mm}$

- Connecting strip and set screw included.

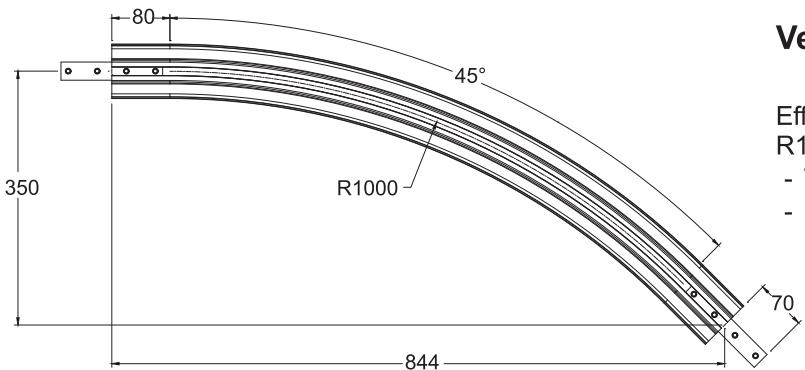
Item Code	Weight	Supply
MX2 BV 30R1000	5.6 kg	1 unit

Please consult MODU representative for further information and assistance.

Units: Dimension (mm)

MODU MX2 SERIES - VERTICAL BEND

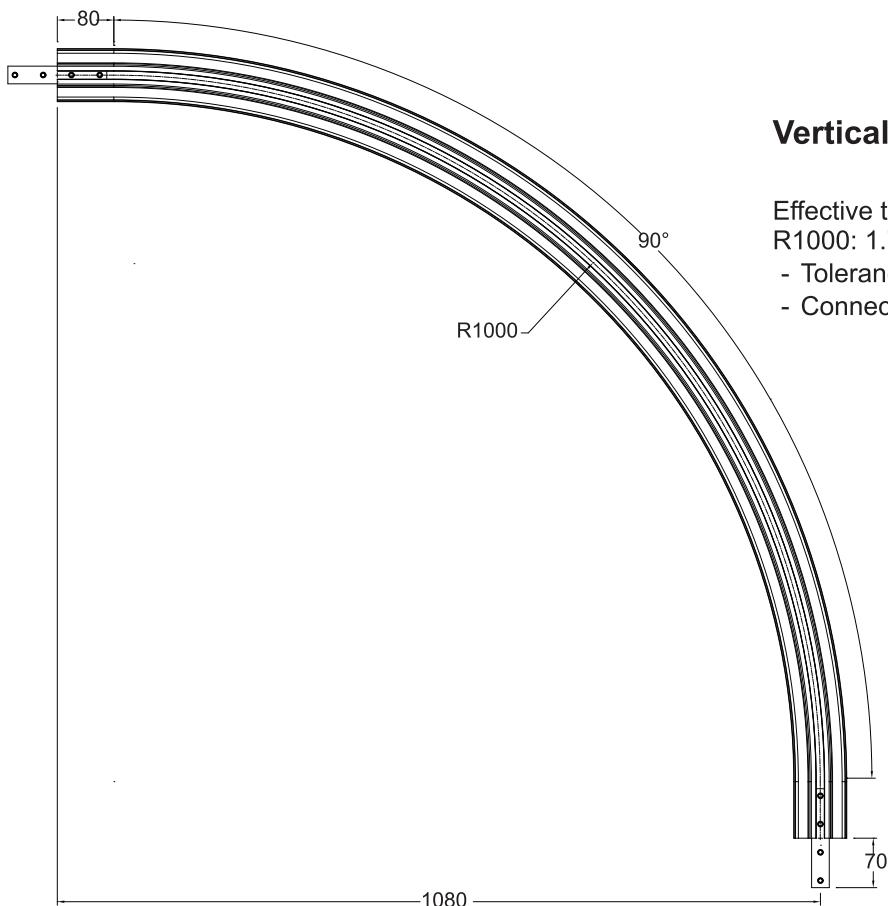
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ML2
MX2
MT2
MR2
MF2
MPP
MM3P
ML2P
MDP
MG
MB
MA
DS3
DM3
DL2
DX2
DT2
DR2
DF2
DG
DB
DA
SD
SE
TL
IM
MM



Vertical Bend, 45°

Effective track length:
R1000: 0.95m 1-way (1.90m 2-way)
- Tolerance: $\pm 2^\circ$ & Radius: $\pm 10\text{mm}$
- Connecting strip and set screw included.

Item Code	Weight	Supply
MX2 BV 45R1000	6.6 kg	1 unit



Vertical Bend, 90°

Effective track length:
R1000: 1.73m 1-way (3.46m 2-way)
- Tolerance: $\pm 2^\circ$ & Radius: $\pm 10\text{mm}$
- Connecting strip and set screw included.

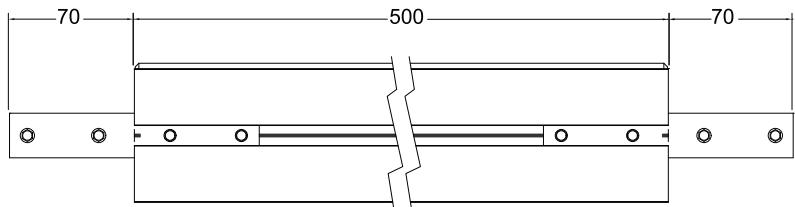
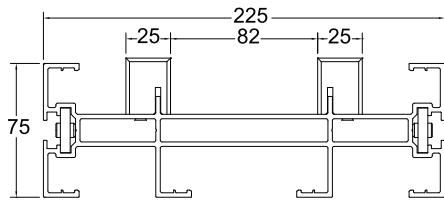
Item Code	Weight	Supply
MX2 BV 90R1000	11.6 kg	1 unit

Please consult MODU representative for further information and assistance.

Units: Dimension (mm)

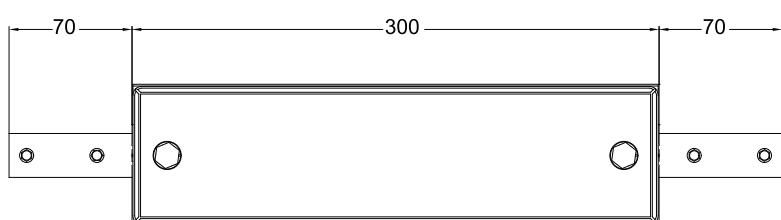
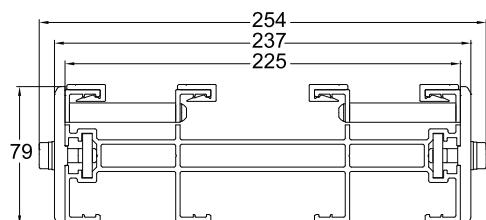
MODU MX2 SERIES - COMPONENTS

Chain Installation Section MX2



- Connecting strip and set screw included.

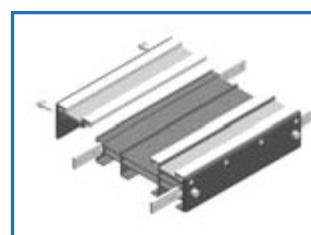
Item Code	Weight	Supply
MX2 LU 500	4.0 kg	1 unit



- Slide rail, connecting strip and set screw included

**Stainless steel side plate available on request

Item Code	Weight	Supply
MX2 CIS 300	3.5 kg	1 unit



Please consult MODU representative for further information and assistance.

Units: Dimension (mm)