

# Conveyor System MX2



**Chain width 220mm**

MODU System MX2 conveyor is also available in stainless steel. See page DX1.

**Features**

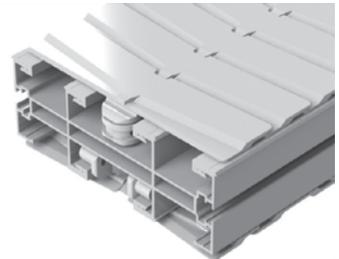
Suitable for a wide range of applications.

**Examples of application industries**

Personal Products, Pharmaceutical & Chemical Industry, Automotive & Machined Parts Industry, Food & Packaging Industry, Electrical & Electronic Industry, Paper Converting Industry, and Optical Industry

**Technical characteristics**

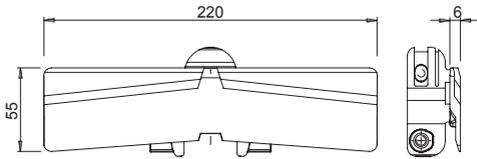
<b>Chain Width</b>		220 mm
<b>Chain Pitch</b>		44.5 mm
<b>Chain Weight</b>		3.4 kg/m
<b>Max Tension</b>	With Wheel Bend	1000 N
	Without Wheel Bend	1300 N
<b>Max Product Weight</b>	Horizontal Transport	25 kg
	Vertical Transport	15 kg
<b>Total Load</b>		400 Kg
<b>Working Temperature</b>		-10°C to 60°C
<b>Max Conveyor Length</b>		30m
<b>Max Speed</b>		50 m/min
<b>Drive Unit Capacity</b>		1300 N



\* Maximum conveyor length depends on layout as well

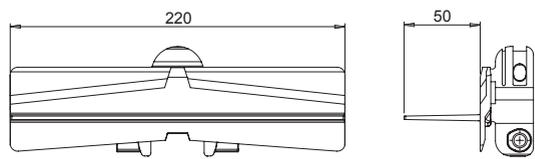
# Chains MX2

## Plain Chain



Part No.	Weight	Supply
MX2 CP 5 (POM Chain)	17.2kg	5m/roll

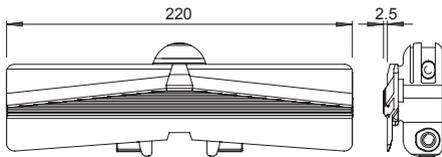
## Cleated Chain



Part No.	Weight	Supply
MX2 CC 3 (POM Chain)	-	3m/roll

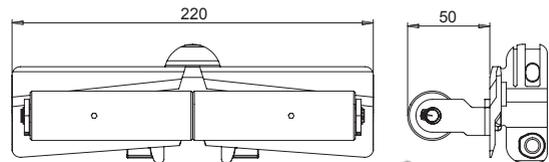
Note: Pitch between cleat to be indicated  
Example: MX2 CC 3 3P  
(every 3rd link to be cleated)

## Friction Chain



Part No.	Weight	Supply
MX2 CF 5 (POM Chain)	18.2kg	5m/roll

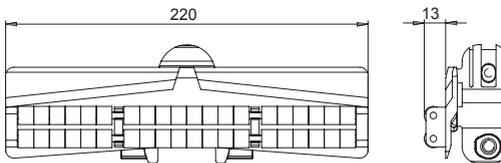
## Cleated Roller Chain



Part No.	Weight	Supply
MX2 RC 3 (POM Chain)	-	3m/roll

Note: Pitch between cleat to be indicated  
Example: MX2 CC 3 4P (every 4th link to be cleated)

## Roller Top Chain



Part No.	Supply
MX2 RT 5 (POM Chain)	3m/roll

## Chain Accessories MX2

### Chain Pivot



Part No.	Weight	Supply
ML2 PV	0.07kg	10pcs/pkt

### Stainless Steel Pin



Part No.	Weight	Supply
ML2 PN M8x73	0.28kg	10pcs/pkt

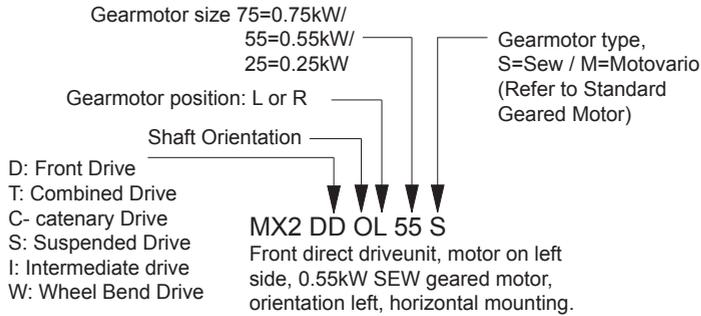
### Lubricant For Chain



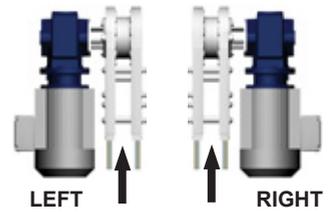
Silicone-based lubricant, 400ml

Part No.	Supply
MA SL	1 pc

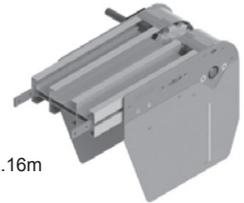
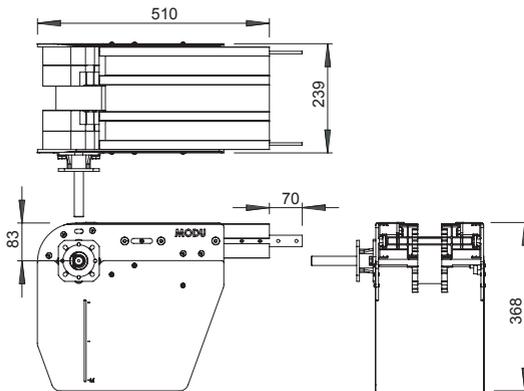
## Item Code Guideline For Drive Units



## Motor Orientation Guideline



## Front Drive Unit

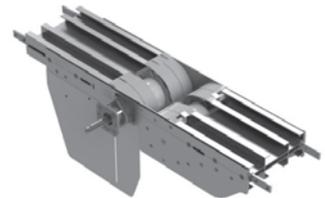
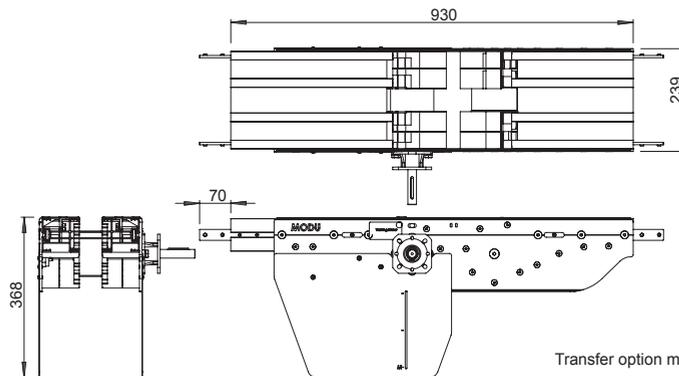


Effective track length: 1.16m  
Traction force: 1300N

\*Please specify type and motor orientation

Part No.	Weight	Supply
MX2 DD OR/L 25/55 S/M	9.4kg	1 unit

## Combined Drive Unit



Transfer option must be specified when ordering.

Options for transfer:

- Standard without transfer roller/plate.
- Transfer roller.
- Transfer plate.



Effective track length: 2.19m  
Traction force: 1300N

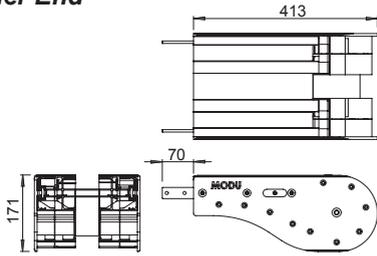
\*Please specify type and motor orientation

Part No.	Weight	Supply
MX2 DT OR/L 25/55 S/M	24.9kg	1 unit
MX2 DTR OR/L 25/55 S/M (with transfer roller)	25.1kg	1 unit
MX2 DTP OR/L 25/55 S/M (with transfer plate)	25.0kg	1 unit

Units: dimension (mm)

## Idler End MX2

### Idler End

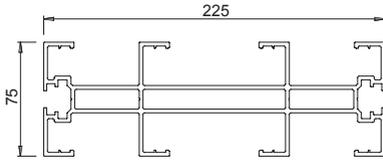


Effective track length: 1.02m

Part No.	Weight	Supply
MX2 IE 400	8.4kg	1 unit

## Beam MX2

### Conveyor Beam

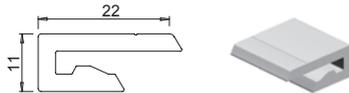


Part No.	Weight	Supply
MX2 CB 3	19.2kg	3m



## Beam Accessories MX2

### Slide Rail



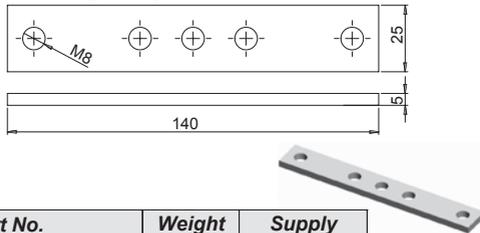
Part No.	Weight	Supply
MA2 SR 25 (HDPE, white color)	2.8kg	25m/roll
MA2 SR 25A (Anti-Static, grey color)	2.8kg	25m/roll

### T-Slot Cover



Part No.	Weight	Supply
MB SC 25 (TPE, black color)	1.5kg	25m/roll

### Connecting Strip



Part No.	Weight	Supply
MA CS 25x140	1.5kg	10 pcs/pkt

### Screw



Part No.	Weight	Supply
MA RS 6.5	0.02kg	50 pcs/pkt

### Mounting Tool For Slide Rail



Part No.	Supply
MX2 SRA	1 pc

### Slide Rail Cutter

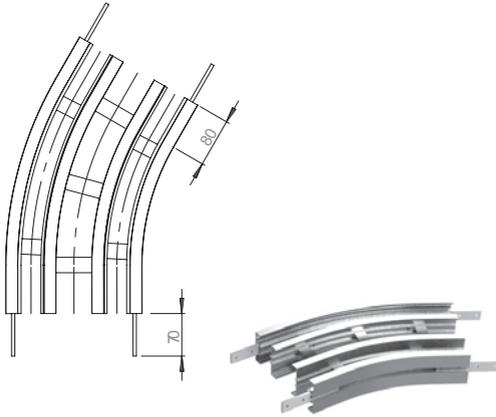


Part No.	Supply
MA SC	1 pc

Units: dimension (mm)

# Horizontal Plain Bends MX2

## Horizontal Plain Bend, 30°

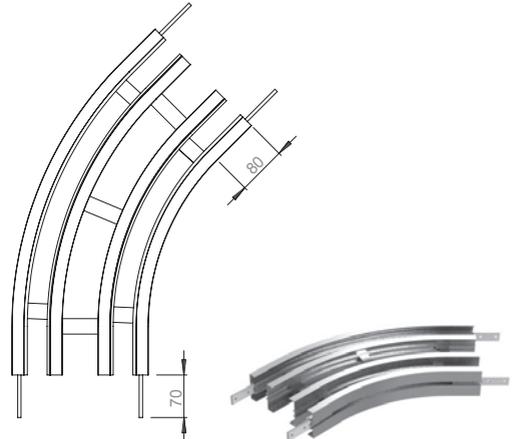


Effective track length:  
 R500: 0.42m 1-way (0.84m 2-way)  
 R700: 0.53m 1-way (1.06m 2-way)  
 R1000: 0.68m 1-way (1.36m 2-way)

Part No.	Weight	Supply
MX2 BP 30R500	3.8kg	1 set
MX2 BP 30R700	4.5kg	1 set
MX2 BP 30R1000	5.5kg	1 set

Tolerance:  $\pm 2^\circ$  & Radius:  $\pm 10$ mm

## Horizontal Plain Bend, 45°

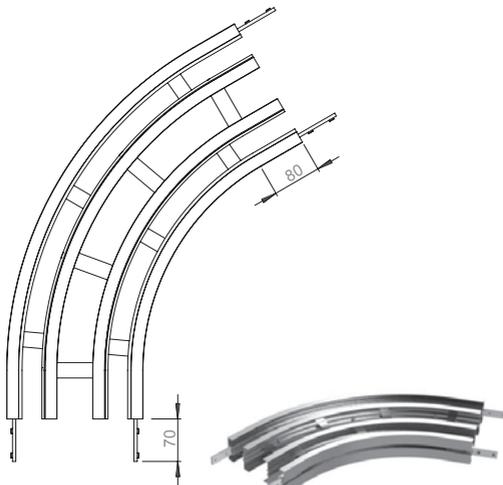


Effective track length:  
 R500: 0.55m 1-way (1.10m 2-way)  
 R700: 0.71m 1-way (1.42m 2-way)  
 R1000: 0.95m 1-way (1.90m 2-way)

Part No.	Weight	Supply
MX2 BP 45R500	4.6kg	1 set
MX2 BP 45R700	5.6kg	1 set
MX2 BP 45R1000	7.2kg	1 set

Tolerance:  $\pm 2^\circ$  & Radius:  $\pm 10$ mm

## Horizontal Plain Bend, 60°

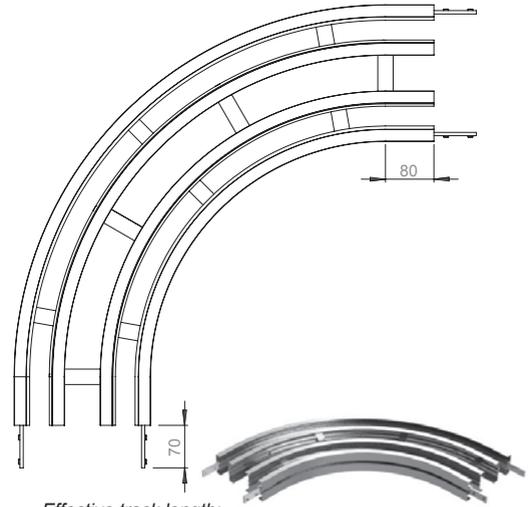


Effective track length:  
 R500: 0.68m 1-way (1.36m 2-way)  
 R700: 0.73m 1-way (1.46m 2-way)  
 R1000: 1.21m 1-way (2.42m 2-way)

Part No.	Weight	Supply
MX2 BP 60R500	5.4kg	1 set
MX2 BP 60R700	5.8kg	1 set
MX2 BP 60R1000	8.8kg	1 set

Tolerance:  $\pm 2^\circ$  & Radius:  $\pm 10$ mm

## Horizontal Plain Bend, 90°



Effective track length:  
 R500: 0.95m 1-way (1.90m 2-way)  
 R700: 1.26m 1-way (2.52m 2-way)  
 R1000: 1.73m 1-way (3.26m 2-way)

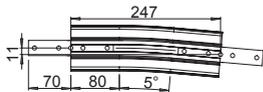
Part No.	Weight	Supply
MX2 BP 90R500	7.2kg	1 set
MX2 BP 90R700	9.2kg	1 set
MX2 BP 90R1000	12.2kg	1 set

Tolerance:  $\pm 2^\circ$  & Radius:  $\pm 10$ mm

Units: dimension (mm)

# Vertical Bends MX2

## Vertical Bend, 5°

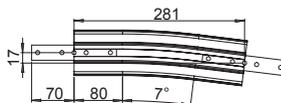


Effective track length:  
R1000: 0.25m 1-way (0.5m 2-way)

Part No.	Weight	Supply
MX2 BV 5R1000	2.1kg	1 set

Tolerance: ± 1° & Radius: ± 10mm

## Vertical Bend, 7°

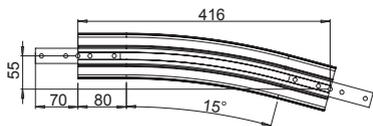


Effective track length:  
R1000: 0.28m 1-way (0.56m 2-way)

Part No.	Weight	Supply
MX2 BV 7R1000	2.3kg	1 set

Tolerance: ± 1° & Radius: ± 10mm

## Vertical Bend, 15°

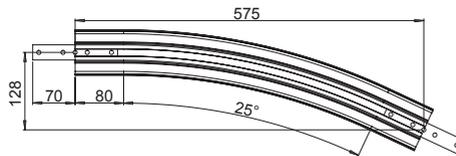


Effective track length:  
R400: 0.42m 1-way (0.84m 2-way)

Part No.	Weight	Supply
MX2 BV 15R1000	3.2kg	1 set

Tolerance: ± 1° & Radius: ± 10mm

## Vertical Bend, 25°

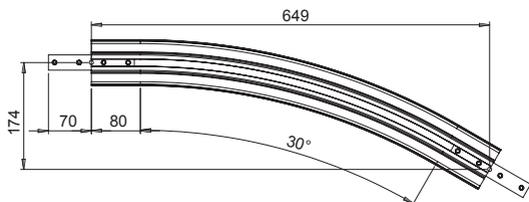


Effective track length:  
R1000: 0.6m 1-way (1.2m 2-way)

Part No.	Weight	Supply
MX2 BV 25R1000	4.3kg	1 set

Tolerance: ± 1° & Radius: ± 10mm

## Vertical Bend, 30°

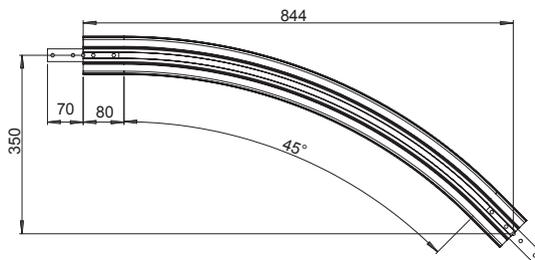


Effective track length:  
R1000: 0.68m 1-way (1.36m 2-way)

Part No.	Weight	Supply
MX2 BV 30R1000	5.6kg	1 set

Tolerance: ± 1° & Radius: ± 10mm

## Vertical Bend, 45°



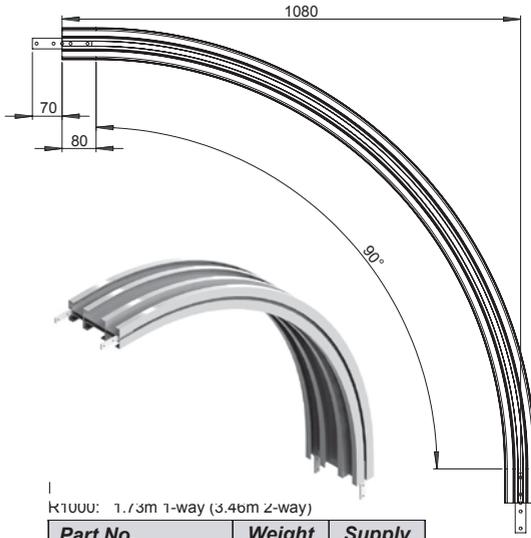
Effective track length:  
R1000: 0.95m 1-way (1.9m 2-way)

Part No.	Weight	Supply
MX2 BV 45R1000	6.6kg	1 set

Tolerance: ± 1° & Radius: ± 10mm

Units: dimension (mm)

Vertical Bend, 90°



K1000: 1.73m 1-way (3.46m 2-way)

Part No.	Weight	Supply
MX2 BV 90R1000	11.6kg	1 set

Tolerance: ± 1° & Radius: ± 10mm

Units: dimension (mm)













