

Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
Modular belts & sprockets	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

5 7 0 1 0 a

EQUIPMENT INDEX

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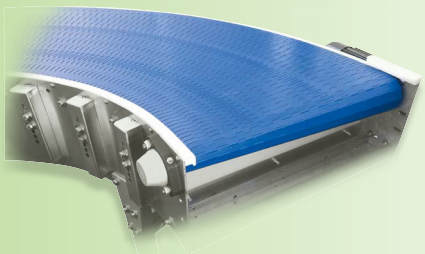
MODSORT® RIGHT ANGLE TRANSFER MODULE



MODSORT®
5 7 0 1 5 a

New

MODFLEX™ MODULAR CURVE



MODFLEX™
5 7 0 3 0 a

New

iCOF® CONDITION MONITORING



iCOF®
5 7 0 8 0 a

New

Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
Modular belts & sprockets	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

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MODSORT® RIGHT ANGLE TRANSFER MODULE

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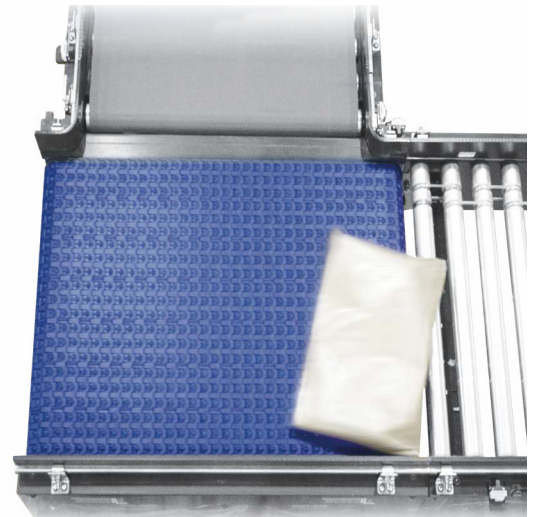
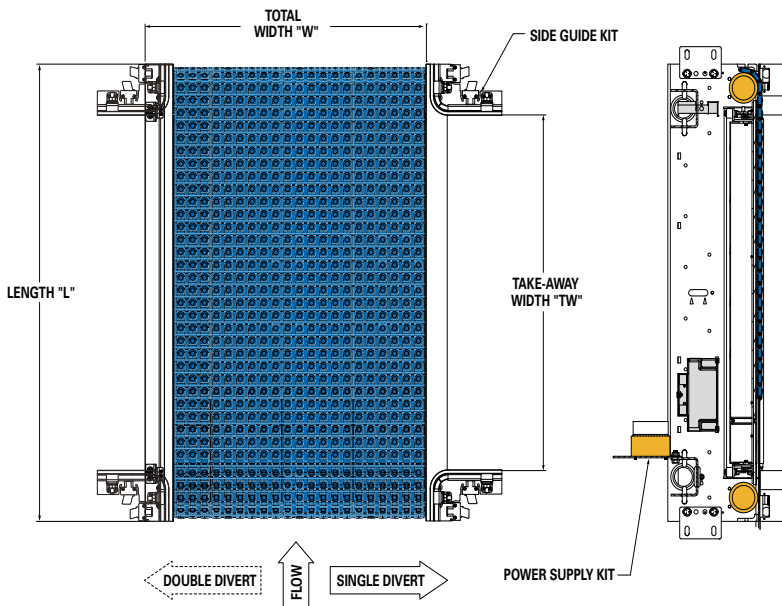
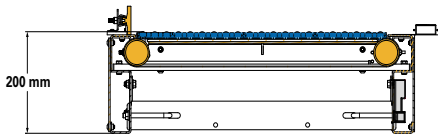
MODSORT



Features and benefits:

- Can be easily integrated into existing traditional or motorized roller conveyor systems.
- Ability to transfer a wide array of products.
- Mechanical lift unneeded (only two means of motion required).
- Run smaller packages without "gaps" associated with pop-up transfer modules.
- Ideal for handling polybags and smaller packages.
- Utilizes unique System Plast® 2253 roller top belt technology.
- Zero contact, zero pressure accumulation.
- Run on demand technology.
- Low noise and low voltage (24VDC, no conduit required).
- Energy savings as high as 50%-60% as compared to traditional conveyors.
- Easy maintenance through minimum spare parts requirements.
- High resolution package control.

continue ►



ITEM DESCRIPTION COMPLETE UNIT	SIZE	LENGTH "L" in. (mm)	TOTAL WIDTH "W" in. (mm)	TAKE-AWAY WIDTH "TW" in. (mm)	EFFECTIVE ZONE LENGTH in. (mm)
MODSORT-AI2-30-16	1	30 (770)	16 (410)	24 (610)	24 (610)
MODSORT-AI2-30-22	2	30 (770)	22 (560)	24 (610)	24 (610)
MODSORT-AI2-36-16	3	36 (920)	16 (410)	30 (770)	30 (770)
MODSORT-AI2-36-22	4	36 (920)	22 (560)	30 (770)	30 (770)
MODSORT-AI2-36-28	5	36 (920)	28 (720)	30 (770)	30 (770)
MODSORT-AI2-42-22	6	42 (1070)	22 (560)	36 (920)	36 (920)
MODSORT-AI2-42-28	7	42 (1070)	28 (720)	36 (920)	36 (920)
MODSORT-AI2-42-34	8	42 (1070)	34 (870)	36 (920)	36 (920)

AI2: Networked Control

continue ►

Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
Modular belts & sprockets	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

57020a

MODSORT® RIGHT ANGLE TRANSFER MODULE

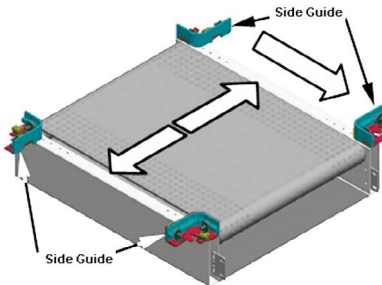
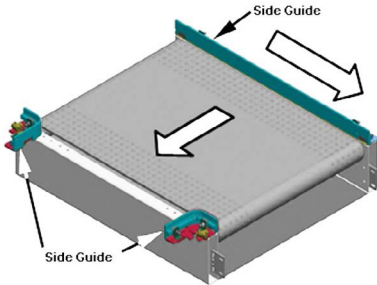
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ACCESSORIES KIT



SIDE GUIDE KITS - SINGLE DIVERT

SIDE GUIDE KITS - DOUBLE DIVERT



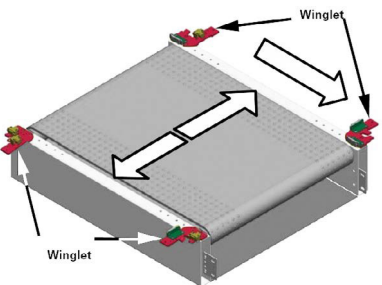
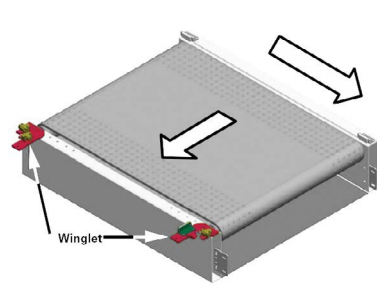
◀ back continue ▶

ITEM DESCRIPTION
MODSORT-MSGK-30-16TAW-S
MODSORT-MSGK-30-22TAW-S
MODSORT-MSGK-36-16TAW-S
MODSORT-MSGK-36-22TAW-S
MODSORT-MSGK-36-28TAW-S
MODSORT-MSGK-42-22TAW-S
MODSORT-MSGK-42-28TAW-S
MODSORT-MSGK-42-34TAW-S

ITEM DESCRIPTION	LENGTH "L" in. (mm)	TAKE-AWAY WIDTH "TW" in. (mm)
MODSORT-MSGK-30-16TAW-D	30 (770)	16 (410)
MODSORT-MSGK-30-22TAW-D	30 (770)	22 (560)
MODSORT-MSGK-36-16TAW-D	36 (920)	16 (410)
MODSORT-MSGK-36-22TAW-D	36 (920)	22 (560)
MODSORT-MSGK-36-28TAW-D	36 (920)	28 (720)
MODSORT-MSGK-42-22TAW-D	42 (1070)	22 (560)
MODSORT-MSGK-42-28TAW-D	42 (1070)	28 (720)
MODSORT-MSGK-42-34TAW-D	42 (1070)	34 (870)

PHOTO EYE KIT - SINGLE DIVERT

PHOTO EYE KIT - DOUBLE DIVERT

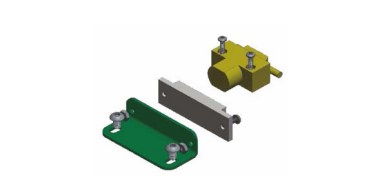
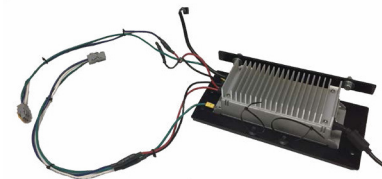


ITEM DESCRIPTION
MODSORT-MPES-30-16TAW-S
MODSORT-MPES-30-22TAW-S
MODSORT-MPES-36-16TAW-S
MODSORT-MPES-36-22TAW-S
MODSORT-MPES-36-28TAW-S
MODSORT-MPES-42-22TAW-S
MODSORT-MPES-42-28TAW-S
MODSORT-MPES-42-34TAW-S

ITEM DESCRIPTION	LENGTH "L" in. (mm)	TAKE-AWAY WIDTH "TW" in. (mm)
MODSORT-MPES-30-16TAW-D	30 (770)	16 (410)
MODSORT-MPES-30-22TAW-D	30 (770)	22 (560)
MODSORT-MPES-36-16TAW-D	36 (920)	16 (410)
MODSORT-MPES-36-22TAW-D	36 (920)	22 (560)
MODSORT-MPES-36-28TAW-D	36 (920)	28 (720)
MODSORT-MPES-42-22TAW-D	42 (1070)	22 (560)
MODSORT-MPES-42-28TAW-D	42 (1070)	28 (720)
MODSORT-MPES-42-34TAW-D	42 (1070)	34 (870)

POWER SUPPLY KIT

STAND ALONE KIT



ITEM DESCRIPTION
MODSORT-MPS-400W

ITEM DESCRIPTION
MODSORT-MPEK

◀ back continue ▶

Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
Modular belts & sprockets	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

57025a

MODSORT® RIGHT ANGLE TRANSFER MODULE

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QUESTIONNAIRE



QUESTIONNAIRE MODSORT® MODULE

◀ back

SIZE	LENGTH "L" in. (mm)	TOTAL WIDTH "W" in (mm)	
1	30 (770)	16 (410)	<input type="checkbox"/>
		22 (560)	<input type="checkbox"/>
3	36 (920)	16 (410)	<input type="checkbox"/>
		22 (560)	<input type="checkbox"/>
5	42 (1070)	28 (720)	<input type="checkbox"/>
6		22 (560)	<input type="checkbox"/>
7		28 (720)	<input type="checkbox"/>
8		34 (870)	<input type="checkbox"/>

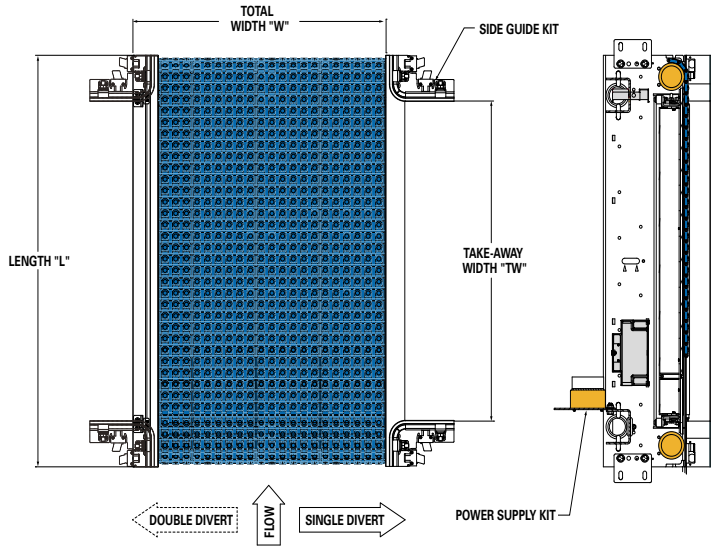
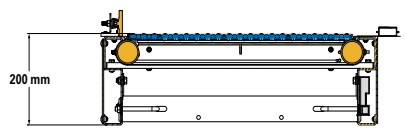
KIT LEG 2-SIDE AND BOLTS INCLUDED	
TOTAL HEIGHT in (mm)	
20-26 (500-670)	<input type="checkbox"/>
26-34 (670-865)	<input type="checkbox"/>
34-53 (865-1350)	<input type="checkbox"/>

PHOTO EYE KITS - TAKE-AWAY WIDTH "TW" in (mm)		
LENGTH "L"	TAKE-AWAY WIDTH "TW"	
30 (770)	16 (410)	<input type="checkbox"/>
	22 (560)	<input type="checkbox"/>
36 (920)	16 (410)	<input type="checkbox"/>
	22 (560)	<input type="checkbox"/>
42 (1070)	28 (720)	<input type="checkbox"/>
	22 (560)	<input type="checkbox"/>
	28 (720)	<input type="checkbox"/>
	34 (870)	<input type="checkbox"/>

DIVERT TYPE	
SINGLE	<input type="checkbox"/>
DOUBLE	<input type="checkbox"/>

SIDE GUIDE	<input type="checkbox"/>
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POWER SUPPLY KIT	<input type="checkbox"/>
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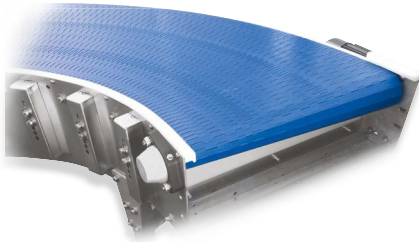
◀ back

Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
Modular belts & sprockets	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

5 7 0 3 0 a

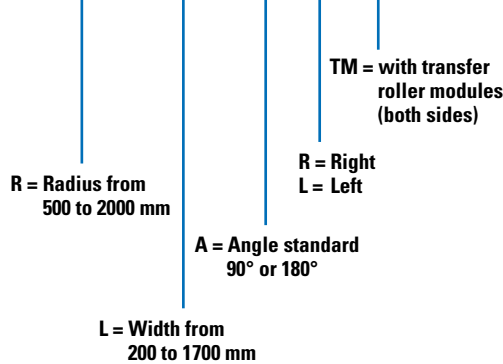
MODFLEX™ MODULAR CURVE

www.SystemPlastSmartGuide.com



MODFLEX™

MODFLEX - R800 L1400 A90 R - TM



PRODUCT TYPICALLY CONVEYED

General information:

- Compact design in relation to the width of the belt (small radius in combination with wide curve possible).
- Position and orientation of conveyed products perfectly controlled and not altered during operation.
- Relatively small in-feed and out-feed rolling diameters to grant a good product transfer.
- High strength and resistance to heavy loads.
- High linear speed.
- Easy maintenance requirements.

Features:

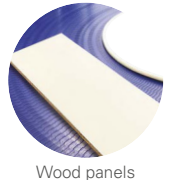
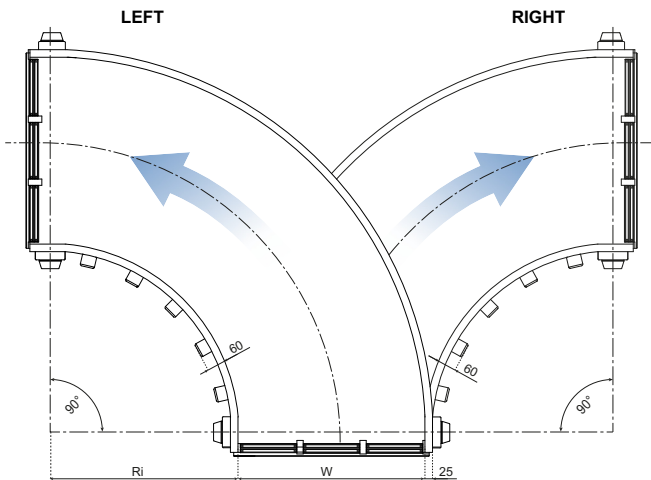
- Suitable for conveying large and heavy products.
- Safe design (completely closed structure).
- High wear resistance.
- High chemical resistance.
- Low noise.
- Dry run solution.

Application:

- Logistics industry and distribution centers.
- Food and beverage.
- Tiles, bricks and cement production.
- Woodworking industry.
- Hostile environments and heavy duty operation in general.

Details:

- Max load allowed: 250 Kg/m (2450 N/m).
- Max speed on inner radius Ri: 60 m/min.
- Curve angle from 30° to 180°.
- Useful width (W) from 200 mm to 1600 mm.
- Inner radius (Ri) from 500 mm to 2000 mm.
- Frame height (H) 235/275 mm.
- Frame in stainless steel.
- Low friction plastic belt material - color blue.
- Gearbox not included (40mm shaft diameter).
- Feet and legs not included; brackets, connecting joints, support bases and levelling pads can be provided on demand.



 5 7 0 3 5 a 90° Right	 5 7 0 4 0 a 90° Left	 5 7 0 4 5 a 90° Right with transfer	 5 7 0 5 0 a 90° Left with transfer
 5 7 0 5 5 a 180° Right	 5 7 0 6 0 a 180° Left	 5 7 0 6 5 a 180° Right with transfer	 5 7 0 7 0 a 180° Left with transfer

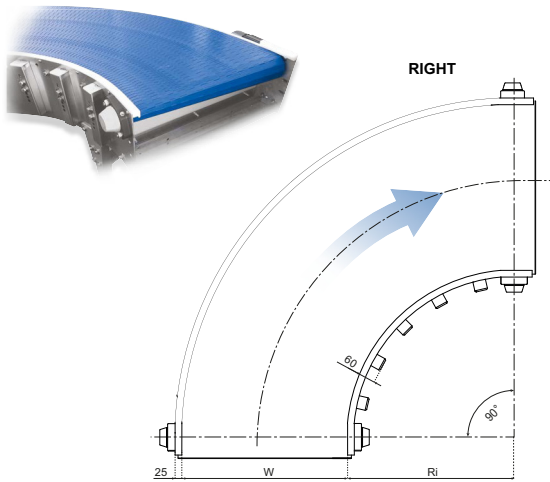
Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
Modular belts & sprockets	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

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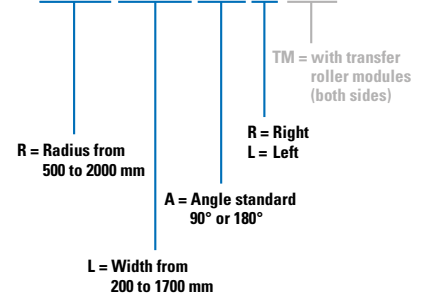
MODFLEX™ MODULAR CURVE

www.SystemPlastSmartGuide.com

RIGHT CURVE 90°



MODFLEX - R800 L1400 A90 R - TM



WIDTH	R500	R600	R800	R1000	R1200
200	-	MODFLEX-R600L200A90R	MODFLEX-R800L200A90R	MODFLEX-R1000L200A90R	MODFLEX-R1200L200A90R
300	MODFLEX-R500L300A90R	-	-	-	-
400	-	MODFLEX-R600L400A90R	MODFLEX-R800L400A90R	MODFLEX-R1000L400A90R	MODFLEX-R1200L400A90R
500	MODFLEX-R500L500A90R	-	-	-	-
600	-	MODFLEX-R600L600A90R	MODFLEX-R800L600A90R	MODFLEX-R1000L600A90R	MODFLEX-R1200L600A90R
700	MODFLEX-R500L700A90R	-	-	-	-
800	-	MODFLEX-R600L800A90R	MODFLEX-R800L800A90R	MODFLEX-R1000L800A90R	MODFLEX-R1200L800A90R
900	MODFLEX-R500L900A90R	-	-	-	-
1000	-	MODFLEX-R600L1000A90R	MODFLEX-R800L1000A90R	MODFLEX-R1000L1000A90R	MODFLEX-R1200L1000A90R
1100	MODFLEX-R500L1100A90R	-	-	-	-
1200	-	MODFLEX-R600L1200A90R	MODFLEX-R800L1200A90R	MODFLEX-R1000L1200A90R	-
1300	MODFLEX-R500L1300A90R	-	-	-	-
1400	-	MODFLEX-R600L1400A90R	MODFLEX-R800L1400A90R	-	-
1500	MODFLEX-R500L1500A90R	-	-	-	-
1600	-	MODFLEX-R600L1600A90R	-	-	-

WIDTH	R1400	R1600	R1800	R2000
200	MODFLEX-R1400L200A90R	MODFLEX-R1600L200A90R	MODFLEX-R1800L200A90R	MODFLEX-R2000L200A90R
400	MODFLEX-R1400L400A90R	MODFLEX-R1600L400A90R	MODFLEX-R1800L400A90R	-
600	MODFLEX-R1400L600A90R	MODFLEX-R1600L600A90R	-	-
800	MODFLEX-R1400L800A90R	-	-	-

Side mounting top brackets:

54020a

Connecting joints:

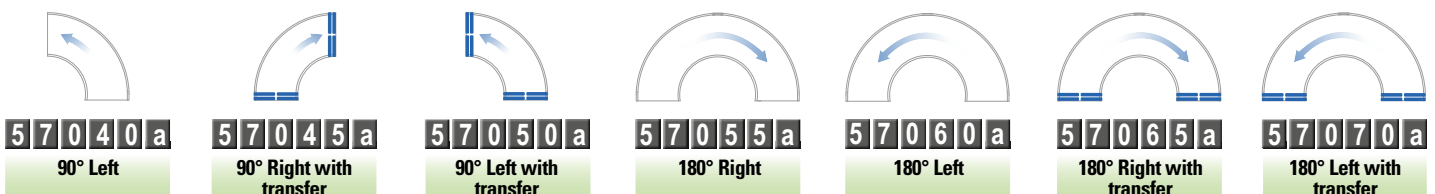
54070a

Support bases:

54030a

Levelers and tube ends:

55510a



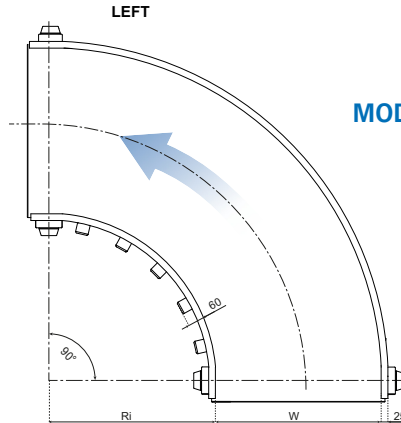
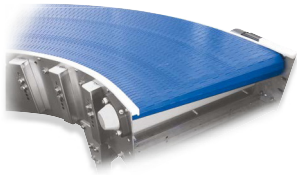
Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
Modular belts & sprockets	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

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MODFLEX™ MODULAR CURVE

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LEFT CURVE 90°



MODFLEX - R800 L1400 A90 R - TM

R = Radius from 500 to 2000 mm

R = Right
L = Left

A = Angle standard 90° or 180°

L = Width from 200 to 1700 mm



WIDTH	R500	R600	R800	R1000	R1200
200	-	MODFLEX-R600L200A90L	MODFLEX-R800L200A90L	MODFLEX-R1000L200A90L	MODFLEX-R1200L200A90L
300	MODFLEX-R500L300A90L	-	-	-	-
400	-	MODFLEX-R600L400A90L	MODFLEX-R800L400A90L	MODFLEX-R1000L400A90L	MODFLEX-R1200L400A90L
500	MODFLEX-R500L500A90L	-	-	-	-
600	-	MODFLEX-R600L600A90L	MODFLEX-R800L600A90L	MODFLEX-R1000L600A90L	MODFLEX-R1200L600A90L
700	MODFLEX-R500L700A90L	-	-	-	-
800	-	MODFLEX-R600L800A90L	MODFLEX-R800L800A90L	MODFLEX-R1000L800A90L	MODFLEX-R1200L800A90L
900	MODFLEX-R500L900A90L	-	-	-	-
1000	-	MODFLEX-R600L1000A90L	MODFLEX-R800L1000A90L	MODFLEX-R1000L1000A90L	MODFLEX-R1200L1000A90L
1100	MODFLEX-R500L1100A90L	-	-	-	-
1200	-	MODFLEX-R600L1200A90L	MODFLEX-R800L1200A90L	MODFLEX-R1000L1200A90L	-
1300	MODFLEX-R500L1300A90L	-	-	-	-
1400	-	MODFLEX-R600L1400A90L	MODFLEX-R800L1400A90L	-	-
1500	MODFLEX-R500L1500A90L	-	-	-	-
1600	-	MODFLEX-R600L1600A90L	-	-	-

WIDTH	R1400	R1600	R1800	R2000
200	MODFLEX-R1400L200A90L	MODFLEX-R1600L200A90L	MODFLEX-R1800L200A90L	MODFLEX-R2000L200A90L
400	MODFLEX-R1400L400A90L	MODFLEX-R1600L400A90L	MODFLEX-R1800L400A90L	-
600	MODFLEX-R1400L600A90L	MODFLEX-R1600L600A90L	-	-
800	MODFLEX-R1400L800A90L	-	-	-

Side mounting top brackets:

54020a

Connecting joints:

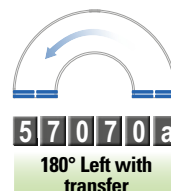
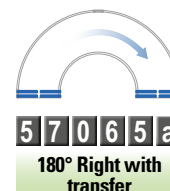
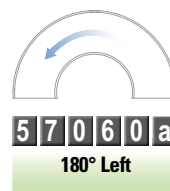
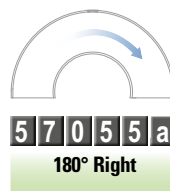
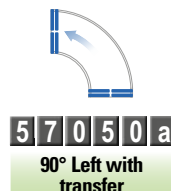
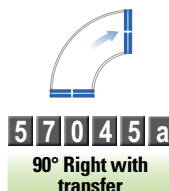
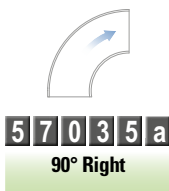
54070a

Support bases:

54030a

Levelers and tube ends:

55510a



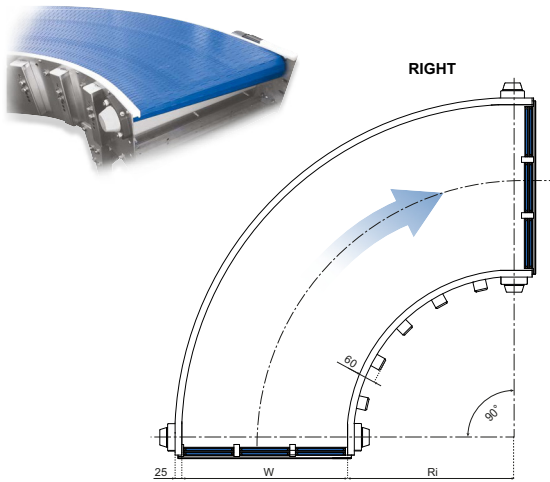
Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
Modular belts & sprockets	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

57045a

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MODFLEX™ MODULAR CURVE

RIGHT CURVE WITH TRANSFER ROLLER 90°



MODFLEX - R800 L1400 A90 R - TM

R = Radius from 500 to 2000 mm
L = Width from 200 to 1700 mm
A = Angle standard 90° or 180°
R = Right
L = Left
TM = with transfer roller modules (both sides)

WIDTH	R500	R600	R800	R1000	R1200
200	-	MODFLEX-R600L200A90R-TM	MODFLEX-R800L200A90R-TM	MODFLEX-R1000L200A90R-TM	MODFLEX-R1200L200A90R-TM
300	MODFLEX-R500L300A90R-TM	-	-	-	-
400	-	MODFLEX-R600L400A90R-TM	MODFLEX-R800L400A90R-TM	MODFLEX-R1000L400A90R-TM	MODFLEX-R1200L400A90R-TM
500	MODFLEX-R500L500A90R-TM	-	-	-	-
600	-	MODFLEX-R600L600A90R-TM	MODFLEX-R800L600A90R-TM	MODFLEX-R1000L600A90R-TM	MODFLEX-R1200L600A90R-TM
700	MODFLEX-R500L700A90R-TM	-	-	-	-
800	-	MODFLEX-R600L800A90R-TM	MODFLEX-R800L800A90R-TM	MODFLEX-R1000L800A90R-TM	MODFLEX-R1200L800A90R-TM
900	MODFLEX-R500L900A90R-TM	-	-	-	-
1000	-	MODFLEX-R600L1000A90R-TM	MODFLEX-R800L1000A90R-TM	MODFLEX-R1000L1000A90R-TM	MODFLEX-R1200L1000A90R-TM
1100	MODFLEX-R500L1100A90R-TM	-	-	-	-
1200	-	MODFLEX-R600L1200A90R-TM	MODFLEX-R800L1200A90R-TM	MODFLEX-R1000L1200A90R-TM	-
1300	MODFLEX-R500L1300A90R-TM	-	-	-	-
1400	-	MODFLEX-R600L1400A90R-TM	MODFLEX-R800L1400A90R-TM	-	-
1500	MODFLEX-R500L1500A90R-TM	-	-	-	-
1600	-	MODFLEX-R600L1600A90R-TM	-	-	-

WIDTH	R1400	R1600	R1800	R2000
200	MODFLEX-R1400L200A90R-TM	MODFLEX-R1600L200A90R-TM	MODFLEX-R1800L200A90R-TM	MODFLEX-R2000L200A90R-TM
400	MODFLEX-R1400L400A90R-TM	MODFLEX-R1600L400A90R-TM	MODFLEX-R1800L400A90R-TM	-
600	MODFLEX-R1400L600A90R-TM	MODFLEX-R1600L600A90R-TM	-	-
800	MODFLEX-R1400L800A90R-TM	-	-	-

Side mounting top brackets:

54020a

Connecting joints:

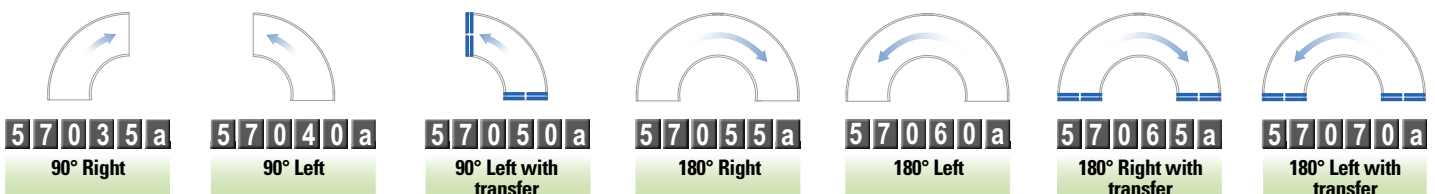
54070a

Support bases:

54030a

Levelers and tube ends:

55510a



57035a
90° Right

57040a
90° Left

57050a
90° Left with transfer

57055a
180° Right

57060a
180° Left

57065a
180° Right with transfer

57070a
180° Left with transfer

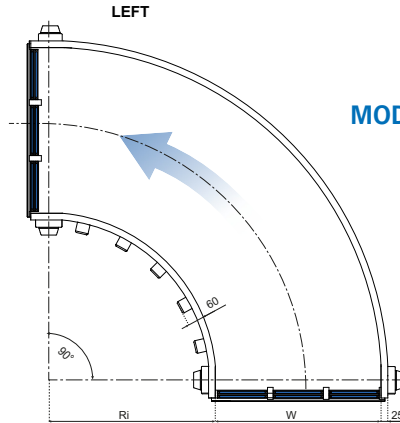
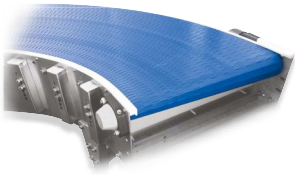
Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
Modular belts & sprockets	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

57050a

www.SystemPlastSmartGuide.com

MODFLEX™ MODULAR CURVE

LEFT CURVE WITH TRANSFER ROLLER 90°



MODFLEX - R800 L1400 A90 R - TM

R = Radius from 500 to 2000 mm
A = Angle standard 90° or 180°
L = Width from 200 to 1700 mm
R = Right
L = Left
TM = with transfer roller modules (both sides)

WIDTH	R500	R600	R800	R1000	R1200
200	-	MODFLEX-R600L200A90L-TM	MODFLEX-R800L200A90L-TM	MODFLEX-R1000L200A90L-TM	MODFLEX-R1200L200A90L-TM
300	MODFLEX-R500L300A90L-TM	-	-	-	-
400	-	MODFLEX-R600L400A90L-TM	MODFLEX-R800L400A90L-TM	MODFLEX-R1000L400A90L-TM	MODFLEX-R1200L400A90L-TM
500	MODFLEX-R500L500A90L-TM	-	-	-	-
600	-	MODFLEX-R600L600A90L-TM	MODFLEX-R800L600A90L-TM	MODFLEX-R1000L600A90L-TM	MODFLEX-R1200L600A90L-TM
700	MODFLEX-R500L700A90L-TM	-	-	-	-
800	-	MODFLEX-R600L800A90L-TM	MODFLEX-R800L800A90L-TM	MODFLEX-R1000L800A90L-TM	MODFLEX-R1200L800A90L-TM
900	MODFLEX-R500L900A90L-TM	-	-	-	-
1000	-	MODFLEX-R600L1000A90L-TM	MODFLEX-R800L1000A90L-TM	MODFLEX-R1000L1000A90L-TM	MODFLEX-R1200L1000A90L-TM
1100	MODFLEX-R500L1100A90L-TM	-	-	-	-
1200	-	MODFLEX-R600L1200A90L-TM	MODFLEX-R800L1200A90L-TM	MODFLEX-R1000L1200A90L-TM	-
1300	MODFLEX-R500L1300A90L-TM	-	-	-	-
1400	-	MODFLEX-R600L1400A90L-TM	MODFLEX-R800L1400A90L-TM	-	-
1500	MODFLEX-R500L1500A90L-TM	-	-	-	-
1600	-	MODFLEX-R600L1600A90L-TM	-	-	-

WIDTH	R1400	R1600	R1800	R2000
200	MODFLEX-R1400L200A90L-TM	MODFLEX-R1600L200A90L-TM	MODFLEX-R1800L200A90L-TM	MODFLEX-R2000L200A90L-TM
400	MODFLEX-R1400L400A90L-TM	MODFLEX-R1600L400A90L-TM	MODFLEX-R1800L400A90L-TM	-
600	MODFLEX-R1400L600A90L-TM	MODFLEX-R1600L600A90L-TM	-	-
800	MODFLEX-R1400L800A90L-TM	-	-	-

Side mounting top brackets:

54020a

Connecting joints:

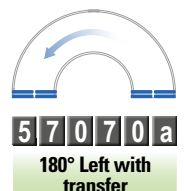
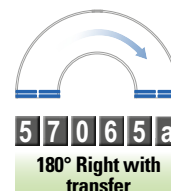
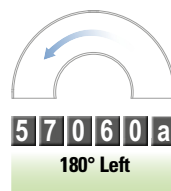
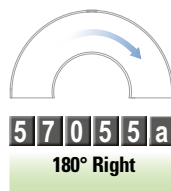
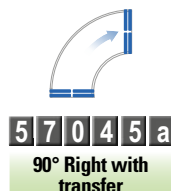
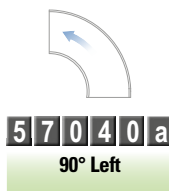
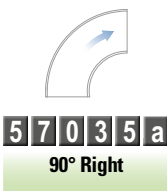
54070a

Support bases:

54030a

Levelers and tube ends:

55510a



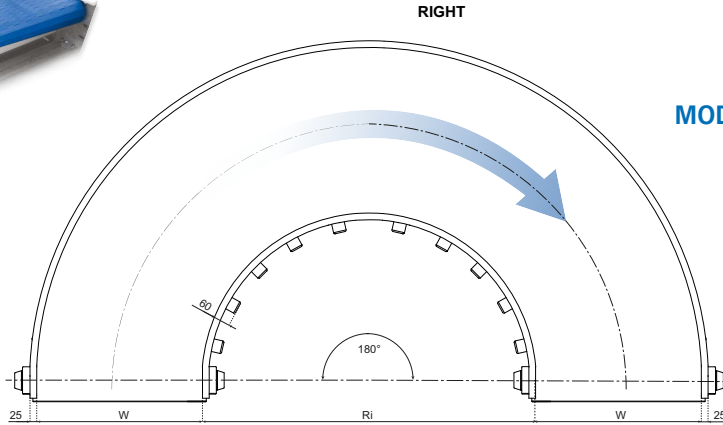
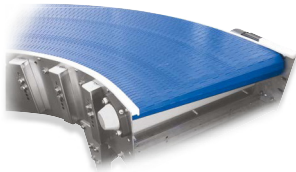
Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
Modular belts & sprockets	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

57055a

MODFLEX™ MODULAR CURVE

www.SystemPlastSmartGuide.com

RIGHT CURVE 180°



MODFLEX - R800 L1400 A90 R - TM

R = Radius from 500 to 2000 mm

R = Right
L = Left

A = Angle standard 90° or 180°

L = Width from 200 to 1700 mm

TM = with transfer roller modules (both sides)

WIDTH	R500	R600	R800	R1000	R1200
200	-	MODFLEX-R600L200A180R	MODFLEX-R800L200A180R	MODFLEX-R1000L200A180R	MODFLEX-R1200L200A180R
300	MODFLEX-R500L300A180R	-	-	-	-
400	-	MODFLEX-R600L400A180R	MODFLEX-R800L400A180R	MODFLEX-R1000L400A180R	MODFLEX-R1200L400A180R
500	MODFLEX-R500L500A180R	-	-	-	-
600	-	MODFLEX-R600L600A180R	MODFLEX-R800L600A180R	MODFLEX-R1000L600A180R	MODFLEX-R1200L600A180R
700	MODFLEX-R500L700A180R	-	-	-	-
800	-	MODFLEX-R600L800A180R	MODFLEX-R800L800A180R	MODFLEX-R1000L800A180R	MODFLEX-R1200L800A180R
900	MODFLEX-R500L900A180R	-	-	-	-
1000	-	MODFLEX-R600L1000A180R	MODFLEX-R800L1000A180R	MODFLEX-R1000L1000A180R	MODFLEX-R1200L1000A180R
1100	MODFLEX-R500L1100A180R	-	-	-	-
1200	-	MODFLEX-R600L1200A180R	MODFLEX-R800L1200A180R	MODFLEX-R1000L1200A180R	-
1300	MODFLEX-R500L1300A180R	-	-	-	-
1400	-	MODFLEX-R600L1400A180R	MODFLEX-R800L1400A180R	-	-
1500	MODFLEX-R500L1500A180R	-	-	-	-
1600	-	MODFLEX-R600L1600A180R	-	-	-
1700	MODFLEX-R500L1700A180R	-	-	-	-

WIDTH	R1400	R1600	R1800	R2000
200	MODFLEX-R1400L200A180R	MODFLEX-R1600L200A180R	MODFLEX-R1800L200A180R	MODFLEX-R2000L200A180R
400	MODFLEX-R1400L400A180R	MODFLEX-R1600L400A180R	MODFLEX-R1800L400A180R	-
600	MODFLEX-R1400L600A180R	MODFLEX-R1600L600A180R	-	-
800	MODFLEX-R1400L800A180R	-	-	-

Side mounting top brackets:

54020a

Connecting joints:

54070a

Support bases:

54030a

Levelers and tube ends:

55510a

57035a
90° Right

57040a
90° Left

57045a
90° Right with transfer

57050a
90° Left with transfer

57060a
180° Left

57065a
180° Right with transfer

57070a
180° Left with transfer

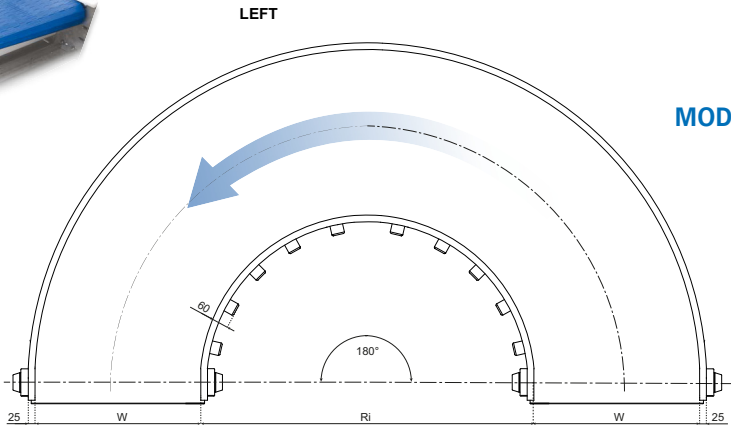
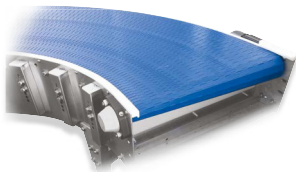
Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
Modular belts & sprockets	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

57060a

MODFLEX™ MODULAR CURVE

www.SystemPlastSmartGuide.com

LEFT CURVE 180°



MODFLEX - R800 L1400 A90 R - TM

R = Radius from 500 to 2000 mm
 A = Angle standard 90° or 180°
 L = Width from 200 to 1700 mm
 R = Right
 L = Left
 TM = with transfer roller modules (both sides)

WIDTH	R500	R600	R800	R1000	R1200
200	-	MODFLEX-R600L200A180L	MODFLEX-R800L200A180L	MODFLEX-R1000L200A180L	MODFLEX-R1200L200A180L
300	MODFLEX-R500L300A180L	-	-	-	-
400	-	MODFLEX-R600L400A180L	MODFLEX-R800L400A180L	MODFLEX-R1000L400A180L	MODFLEX-R1200L400A180L
500	MODFLEX-R500L500A180L	-	-	-	-
600	-	MODFLEX-R600L600A180L	MODFLEX-R800L600A180L	MODFLEX-R1000L600A180L	MODFLEX-R1200L600A180L
700	MODFLEX-R500L700A180L	-	-	-	-
800	-	MODFLEX-R600L800A180L	MODFLEX-R800L800A180L	MODFLEX-R1000L800A180L	MODFLEX-R1200L800A180L
900	MODFLEX-R500L900A180L	-	-	-	-
1000	-	MODFLEX-R600L1000A180L	MODFLEX-R800L1000A180L	MODFLEX-R1000L1000A180L	MODFLEX-R1200L1000A180L
1100	MODFLEX-R500L1100A180L	-	-	-	-
1200	-	MODFLEX-R600L1200A180L	MODFLEX-R800L1200A180L	MODFLEX-R1000L1200A180L	-
1300	MODFLEX-R500L1300A180L	-	-	-	-
1400	-	MODFLEX-R600L1400A180L	MODFLEX-R800L1400A180L	-	-
1500	MODFLEX-R500L1500A180L	-	-	-	-
1600	-	MODFLEX-R600L1600A180L	-	-	-
1700	MODFLEX-R500L1700A180L	-	-	-	-

WIDTH	R1400	R1600	R1800	R2000
200	MODFLEX-R1400L200A180L	MODFLEX-R1600L200A180L	MODFLEX-R1800L200A180L	MODFLEX-R2000L200A180L
400	MODFLEX-R1400L400A180L	MODFLEX-R1600L400A180L	MODFLEX-R1800L400A180L	-
600	MODFLEX-R1400L600A180L	MODFLEX-R1600L600A180L	-	-
800	MODFLEX-R1400L800A180L	-	-	-

Side mounting top brackets:

54020a

Connecting joints:

54070a

Support bases:

54030a

Levelers and tube ends:

55510a

57035a 90° Right	57040a 90° Left	57045a 90° Right with transfer	57050a 90° Left with transfer	57055a 180° Right	57065a 180° Right with transfer	57070a 180° Left with transfer

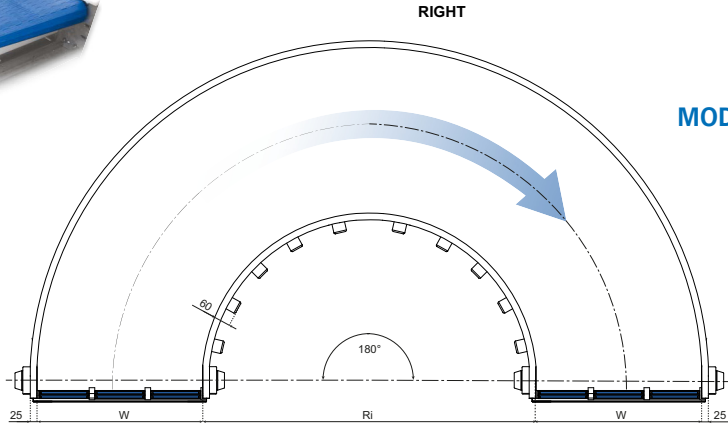
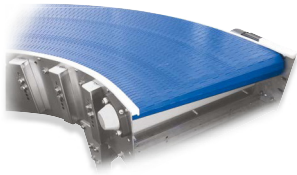
Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
Modular belts & sprockets	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

57065a

www.SystemPlastSmartGuide.com

MODFLEX™ MODULAR CURVE

RIGHT CURVE WITH TRANSFER ROLLER 180°



MODFLEX - R800 L1400 A90 R - TM

R = Radius from 500 to 2000 mm
L = Length from 200 to 1700 mm
A = Angle standard 90° or 180°
R = Right
L = Left
TM = with transfer roller modules (both sides)

WIDTH	R500	R600	R800	R1000	R1200
200	-	MODFLEX-R600L200A180R-TM	MODFLEX-R800L200A180R-TM	MODFLEX-R1000L200A180R-TM	MODFLEX-R1200L200A180R-TM
300	MODFLEX-R500L300A180R-TM	-	-	-	-
400	-	MODFLEX-R600L400A180R-TM	MODFLEX-R800L400A180R-TM	MODFLEX-R1000L400A180R-TM	MODFLEX-R1200L400A180R-TM
500	MODFLEX-R500L500A180R-TM	-	-	-	-
600	-	MODFLEX-R600L600A180R-TM	MODFLEX-R800L600A180R-TM	MODFLEX-R1000L600A180R-TM	MODFLEX-R1200L600A180R-TM
700	MODFLEX-R500L700A180R-TM	-	-	-	-
800	-	MODFLEX-R600L800A180R-TM	MODFLEX-R800L800A180R-TM	MODFLEX-R1000L800A180R-TM	MODFLEX-R1200L800A180R-TM
900	MODFLEX-R500L900A180R-TM	-	-	-	-
1000	-	MODFLEX-R600L1000A180R-TM	MODFLEX-R800L1000A180R-TM	MODFLEX-R1000L1000A180R-TM	MODFLEX-R1200L1000A180R-TM
1100	MODFLEX-R500L1100A180R-TM	-	-	-	-
1200	-	MODFLEX-R600L1200A180R-TM	MODFLEX-R800L1200A180R-TM	MODFLEX-R1000L1200A180R-TM	-
1300	MODFLEX-R500L1300A180R-TM	-	-	-	-
1400	-	MODFLEX-R600L1400A180R-TM	MODFLEX-R800L1400A180R-TM	-	-
1500	MODFLEX-R500L1500A180R-TM	-	-	-	-
1600	-	MODFLEX-R600L1600A180R-TM	-	-	-
1700	MODFLEX-R500L1700A180R-TM	-	-	-	-

WIDTH	R1400	R1600	R1800	R2000
200	MODFLEX-R1400L200A180R-TM	MODFLEX-R1600L200A180R-TM	MODFLEX-R1800L200A180R-TM	MODFLEX-R2000L200A180R-TM
400	MODFLEX-R1400L400A180R-TM	MODFLEX-R1600L400A180R-TM	MODFLEX-R1800L400A180R-TM	-
600	MODFLEX-R1400L600A180R-TM	MODFLEX-R1600L600A180R-TM	-	-
800	MODFLEX-R1400L800A180R-TM	-	-	-

Side mounting top brackets:

54020a

Connecting joints:

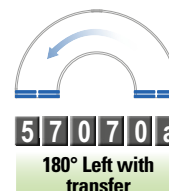
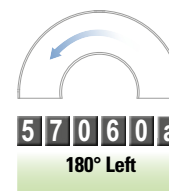
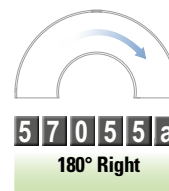
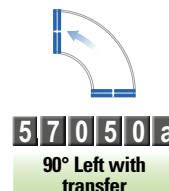
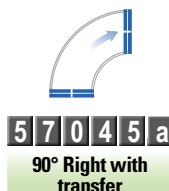
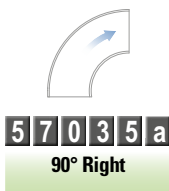
54070a

Support bases:

54030a

Levelers and tube ends:

55510a



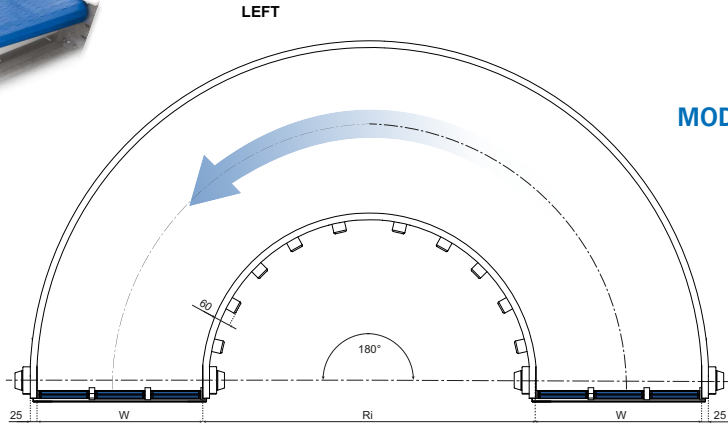
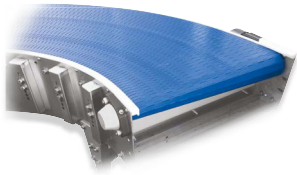
Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
Modular belts & sprockets	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

57070a

www.SystemPlastSmartGuide.com

MODFLEX™ MODULAR CURVE

LEFT CURVE WITH TRANSFER ROLLER 180°



MODFLEX - R800 L1400 A90 R - TM

R = Radius from 500 to 2000 mm
L = Width from 200 to 1700 mm
A = Angle standard 90° or 180°
R = Right
L = Left
TM = with transfer roller modules (both sides)

WIDTH	R500	R600	R800	R1000	R1200
200	-	MODFLEX-R600L200A180L-TM	MODFLEX-R800L200A180L-TM	MODFLEX-R1000L200A180L-TM	MODFLEX-R1200L200A180L-TM
300	MODFLEX-R500L300A180L-TM	-	-	-	-
400	-	MODFLEX-R600L400A180L-TM	MODFLEX-R800L400A180L-TM	MODFLEX-R1000L400A180L-TM	MODFLEX-R1200L400A180L-TM
500	MODFLEX-R500L500A180L-TM	-	-	-	-
600	-	MODFLEX-R600L600A180L-TM	MODFLEX-R800L600A180L-TM	MODFLEX-R1000L600A180L-TM	MODFLEX-R1200L600A180L-TM
700	MODFLEX-R500L700A180L-TM	-	-	-	-
800	-	MODFLEX-R600L800A180L-TM	MODFLEX-R800L800A180L-TM	MODFLEX-R1000L800A180L-TM	MODFLEX-R1200L800A180L-TM
900	MODFLEX-R500L900A180L-TM	-	-	-	-
1000	-	MODFLEX-R600L1000A180L-TM	MODFLEX-R800L1000A180L-TM	MODFLEX-R1000L1000A180L-TM	MODFLEX-R1200L1000A180L-TM
1100	MODFLEX-R500L1100A180L-TM	-	-	-	-
1200	-	MODFLEX-R600L1200A180L-TM	MODFLEX-R800L1200A180L-TM	MODFLEX-R1000L1200A180L-TM	-
1300	MODFLEX-R500L1300A180L-TM	-	-	-	-
1400	-	MODFLEX-R600L1400A180L-TM	MODFLEX-R800L1400A180L-TM	-	-
1500	MODFLEX-R500L1500A180L-TM	-	-	-	-
1600	-	MODFLEX-R600L1600A180L-TM	-	-	-
1700	MODFLEX-R500L1700A180L-TM	-	-	-	-

WIDTH	R1400	R1600	R1800	R2000
200	MODFLEX-R1400L200A180L-TM	MODFLEX-R1600L200A180L-TM	MODFLEX-R1800L200A180L-TM	MODFLEX-R2000L200A180L-TM
400	MODFLEX-R1400L400A180L-TM	MODFLEX-R1600L400A180L-TM	MODFLEX-R1800L400A180L-TM	-
600	MODFLEX-R1400L600A180L-TM	MODFLEX-R1600L600A180L-TM	-	-
800	MODFLEX-R1400L800A180L-TM	-	-	-

Side mounting top brackets:

54020a

Connecting joints:

54070a

Support bases:

54030a

Levelers and tube ends:

55510a

57035a
90° Right

57040a
90° Left

57045a
90° Right with transfer

57050a
90° Left with transfer

57055a
180° Right

57060a
180° Left

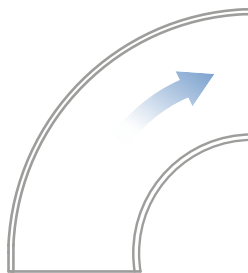
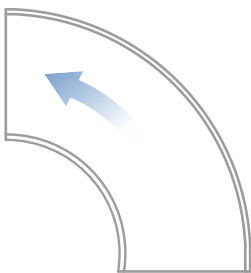
57065a
180° Right with transfer

Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
Modular belts & sprockets	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	



QUESTIONNAIRE MODFLEX™ MODULAR CURVE

N° UNIT	
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LEFT	<input type="checkbox"/>
-------------	--------------------------

RIGHT	<input type="checkbox"/>
--------------	--------------------------

90°	<input type="checkbox"/>	180°	<input type="checkbox"/>
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90°	<input type="checkbox"/>	180°	<input type="checkbox"/>
------------	--------------------------	-------------	--------------------------

CUSTOM	<input type="checkbox"/>
---------------	--------------------------

CUSTOM	<input type="checkbox"/>
---------------	--------------------------

RADIUS (Ri)					
500	<input type="checkbox"/>	1000	<input type="checkbox"/>	1600	<input type="checkbox"/>
600	<input type="checkbox"/>	1200	<input type="checkbox"/>	1800	<input type="checkbox"/>
800	<input type="checkbox"/>	1400	<input type="checkbox"/>	2000	<input type="checkbox"/>

WIDTH (W)							
200	<input type="checkbox"/>	600	<input type="checkbox"/>	1000	<input type="checkbox"/>	1400	<input type="checkbox"/>
300	<input type="checkbox"/>	700	<input type="checkbox"/>	1100	<input type="checkbox"/>	1500	<input type="checkbox"/>
400	<input type="checkbox"/>	800	<input type="checkbox"/>	1200	<input type="checkbox"/>	1600	<input type="checkbox"/>
500	<input type="checkbox"/>	900	<input type="checkbox"/>	1300	<input type="checkbox"/>	1700	<input type="checkbox"/>

STANDARD	<input type="checkbox"/>
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WITH TRANSFER ROLLER	<input type="checkbox"/>
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Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
Modular belts & sprockets	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	



PATENT PENDING



Features for iCOF® device:

- Real time monitoring of the line condition.
- Addressing all container type (PET, glass and cans).
- Continuously measures the coefficient of friction.
- Calculates average value and a trend.
- Triggers an alarm if pre-set limits are reached.
- Can be portable or integrated in line control system.

Benefits:

- No operator intervention required for measuring.
- Easy to define optimum cleaning regime: "Smart Cleaning".
- Corrective action can be scheduled before efficiency is affected.
- Long term line condition can be analyzed using data from the iCOF® device.

Why Coefficient of Friction?

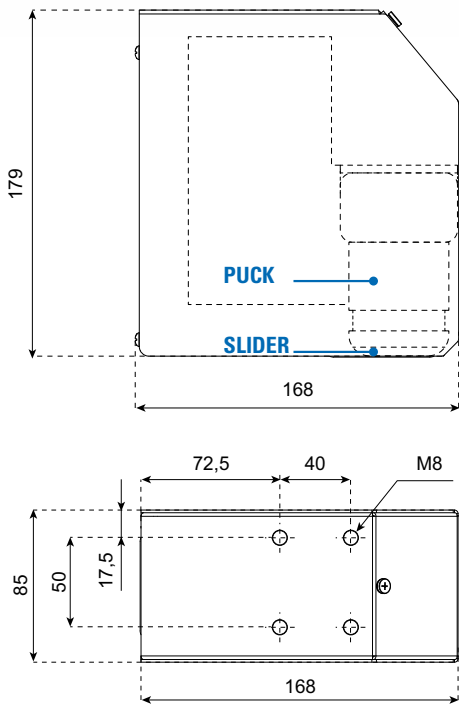
Variations in the coefficient of friction are a good indicator of changing conditions or pollution of the conveyor. Especially in dry running lines, the friction is a key factor for the proper handling and flow of containers. A permanent control process will help maintaining the optimum conditions and thus guarantee the line efficiency.

How does it work?

The iCOF® device can be mounted on a conveyor and integrated in the line control system. It measures the friction at regular intervals that can be set by the user. Obtained data is used to calculate the average value as well as the trend. The values can trigger a signal once a pre-set limit is passed. Based on this signal, the user can check the situation and decide about the required corrective action. The system can work with Ethernet or Profinet protocol. Output is done through RJ45 connector. Obviously for integration in the line control system, a close cooperation with the OEM is required. The iCOF device can also be used as a stand-alone or portable device for spot measurements.

Where can it be used?

The iCOF® device can be used throughout the line wherever it makes sense to temporarily or continuously monitor the friction to collect performance data, obtain data for trouble shooting or to act as continuous input for the line controls.



APPLICATION TYPE	COMPLETE UNIT - SLIDER INCLUDED*	
	ITEM DESCRIPTION	
PET		ICOF-PET
CAN		ICOF-CAN
GLASS		ICOF-GLASS

SPARE PARTS - SLIDERS ONLY	
ITEM DESCRIPTION	
	ICOF-SLIDER-PET
	ICOF-SLIDER-CAN
	ICOF-SLIDER-GLASS

Box includes:

- iCOF® device
- Slider (PET, CAN or GLASS)
- Set of screws for slider
- Screw driver
- USB drive with GUI



* The complete unit includes already related slider.