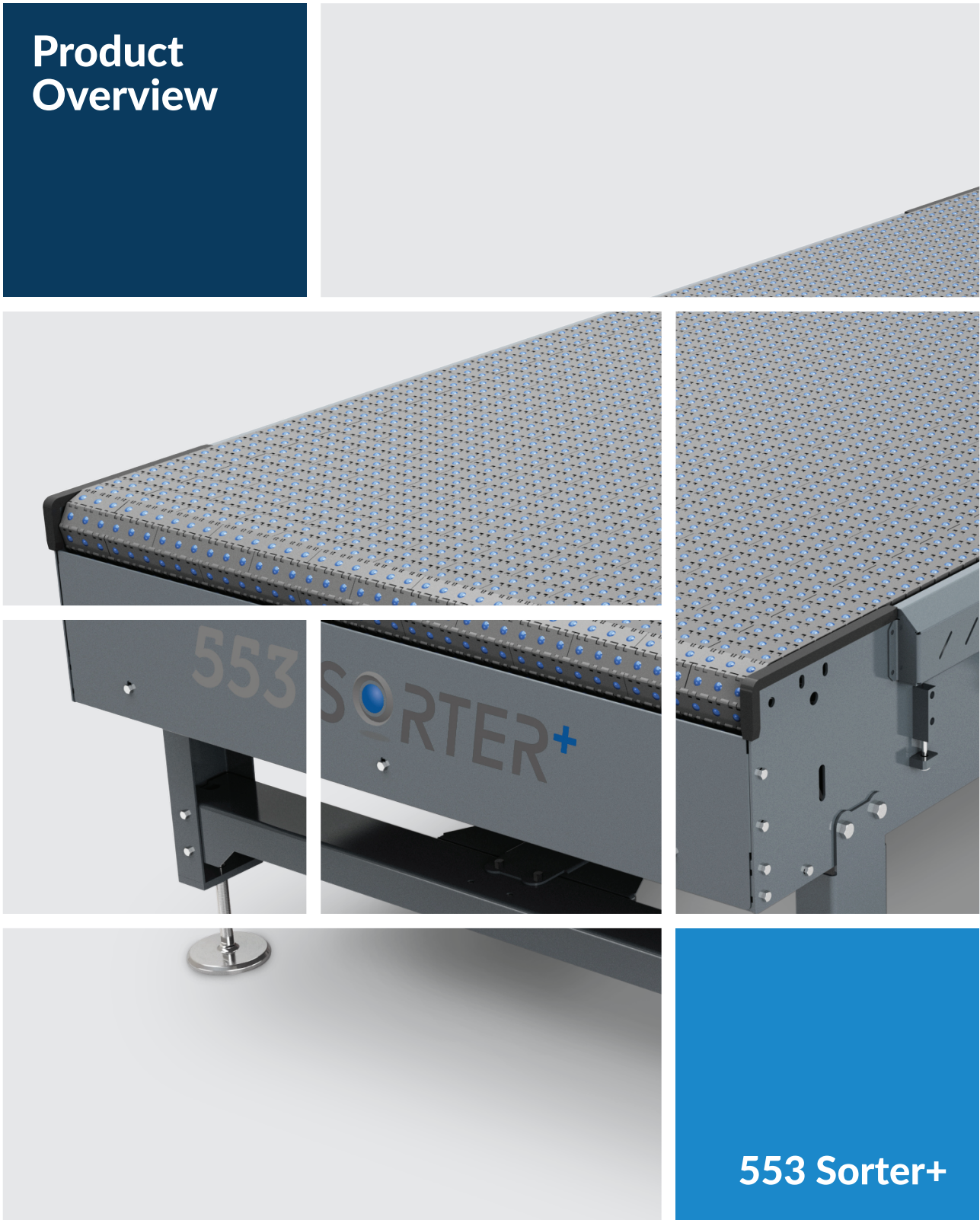


# Product Overview



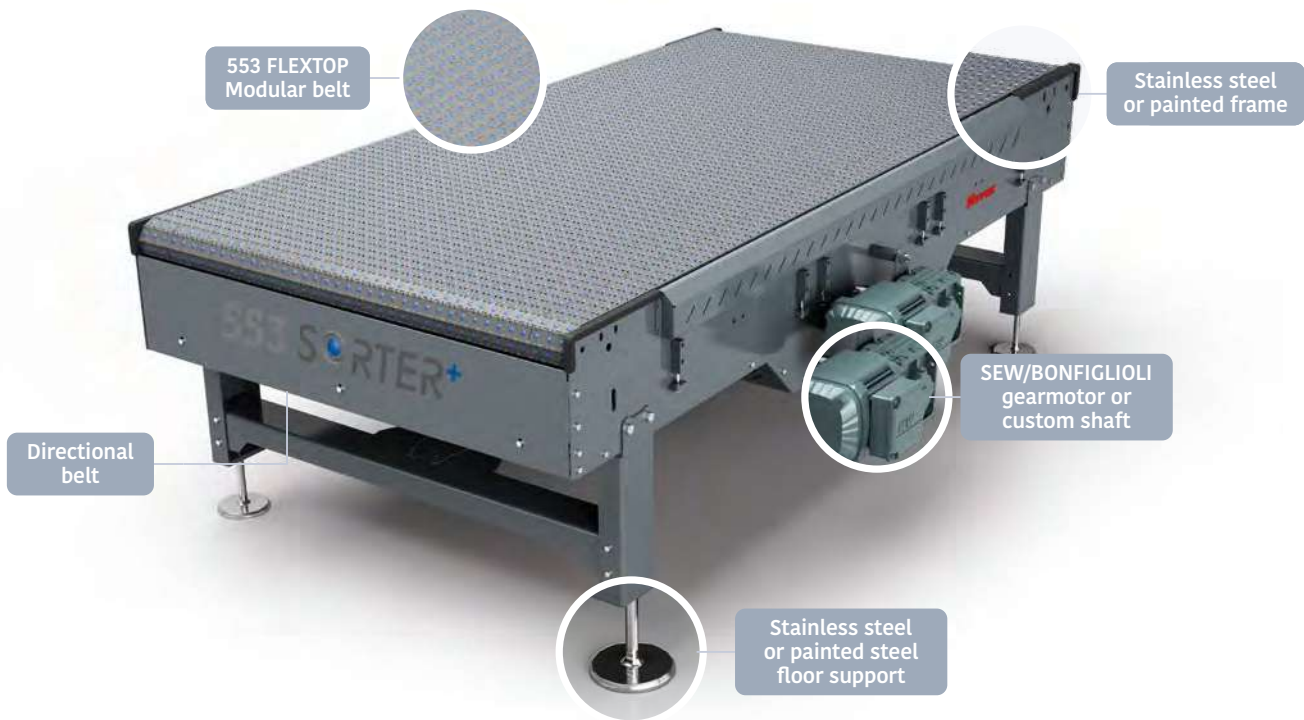
553 Sorter+



**Movex**<sup>®</sup>  
OFFICIAL UK PARTNER

# 553 SORTER<sup>+</sup>

## MULTIDIRECTIONAL CONVEYOR

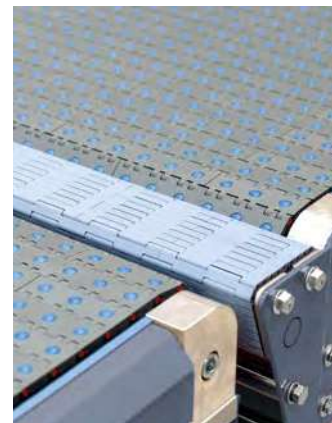


### Product use

The **553 Sorter plus™** is a multidirectional conveyor, equipped with the unique and patented 553 FlexTop modular belt, and with directional belt or plate, is the ideal solution to transport countless types of products and for several types of industries. It can be easily integrated into existing systems.

The **553 Sorter plus™** is available in different widths and lengths and in two different versions:

- **Diverter** - able to quickly move side to side your goods
- **Static Turn** - able to rotate statically your goods



**BELT PITCH:** 25,4 mm

**THICKNESS:** 8,7 mm

**INCREMENTS:** 76,2 mm

**TOTAL LENGTH:** 600mm ÷ 1400mm

**TOTAL WIDTH:** 390mm ÷ 1000mm

**MATERIAL OF MODULES:** Dark grey acetal (POM)

**MATERIAL OF SPHERES:** Blue Polyamide (PA)

**TEMPERATURE RANGE**

-5°C ÷ 45°C non condensing  
(23°F ÷ 113°F non condensing)

**MAX. WORKING LOAD**

27.500 N/m belt width

**OPEN AREA** 0%

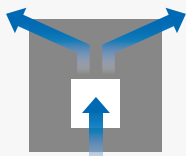
**FRAME** Stainless steel or Painted steel

## 553 SORTER+

The new design has improved the performance of the conveyor, making it even more effective and customizable to meet the needs of the most demanding customers. The completely closed sliding belt surface is the perfect solution for carrying carton boxes, crates, cans and bottles, shrink-wrapped packaging, and any kind of polybag with top-accuracy package control.

### Versatility is the watchword

Available movement options



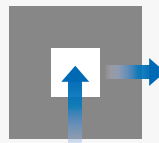
#### Diverter

Capable of moving your goods side to side (left and right).



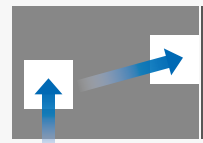
#### Static turn

Capable of rotating statically your goods.



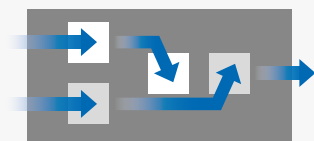
#### 90° transfer

Capable of moving your goods at a 90° angle (left and right).



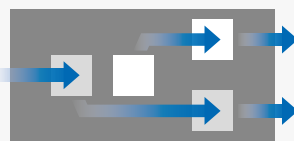
#### Aligner

Capable of moving your goods and aligning them with a lateral profile.



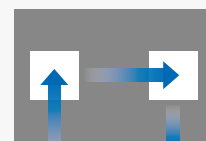
#### Merger

Capable of moving your goods and aligning them in a single row.



#### Diverger

Capable of moving your goods and dividing them in two rows.



#### U-turn

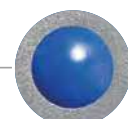
Capable of making a U-turn with your goods.

Available on request

### Ideal for several products and industries



These are just some of the products that can be handled with 553 Sorter+, its versatility allows to transport countless types of products and for several type of industries.



15 N  
LOAD/SPHERE  
Closed gap  
PATENTED

## 553 SORTER+ Single Diverter



**+ Accessories**

Page 345-346



Floor supports



Gearmotors

ZERO<sup>PRO</sup>ATP<sup>®</sup>  
ACTIVE TRANSFER PLATE

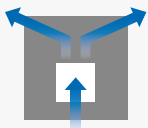


TRY IT NOW!

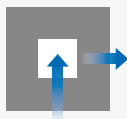
Choose the smallest Active Transfer Plate available on the market and boost your line performance! Ask for more info!

■ Standard 553 Sorter+ Painted steel frame color RAL 7031 - Blue grey

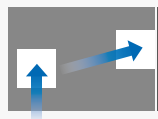
### Available movement options



Diverter



90° transfer



Aligner

### 553 Sorter+ Diverter version

These codes mean complete curve, except floor supports and gearmotors.

W Belt Width*	L Conveyor length*	Type	N° of diverter	Diverter type (see below for more specs)	Diverter width (Check the relation with L)	Frame material
533 (21")	1000 (39")	DI Diverter	1	RD Roller drive	350 (13.8")	PS Painted steel
686 (27")	1400 (55")			DD Master/slave Roller drive	500 (19.7")	SS Stainless steel
838 (33")	1800 (70")			DM Drum motor	600 (23.6")	
990 (39")				GB Gearbox		

Article-Nr. structure guide (Example) Select the different value to compose the Article-Nr

**W0533**

**L01000**

**DI**

**1**

**RD**

**0350**

**PS**

### Diverter Power supply



**RD** Roller drive  
24Vdc



**Single motor**  
Up to 12Kg

**DD** Master/slave Roller drive  
24Vdc



**Dual motor**  
Up to 20Kg

**DM** Drum motor  
380/400V



**Single motor**  
Up to 50Kg

**GB** Gearbox  
380/400V



**Single motor**  
Up to 50Kg

RD and DD solutions include the control system.

\*Different lengths, widths and configurations are available on request, please contact your sales representative.

## 553 SORTER+ Double Diverter



**+ Accessories** Page 345-346



Floor supports



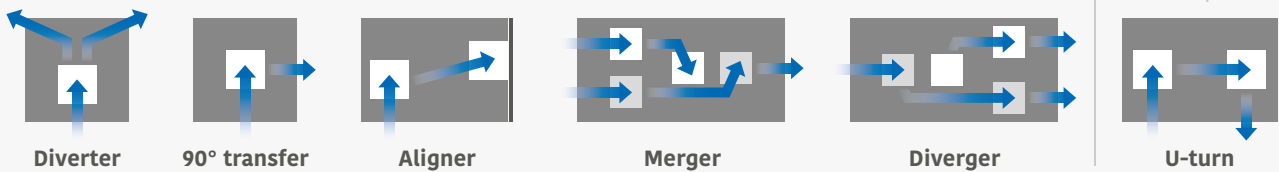
Gearmotors



Choose the smallest Active Transfer Plate available on the market and boost your line performance! Ask for more info!

■ Standard 553 Sorter+ Painted steel frame color RAL 7031 - Blue grey

### Available movement options



### 553 Sorter+ Diverter version

These codes mean complete curve, except floor supports and gearmotors.

W Belt Width*	L Conveyor length*	Type	N° of diverter	Diverter type (see below for more specs)	Diverter width (Check the relation with L)	Frame material
533 (21")	1200 (47.2")	DI Diverter	2	RD Roller drive	350 (13.8")	PS Painted steel
686 (27")	1500 (59")			DD Master/slave Roller drive	500 (19.7")	SS Stainless steel
838 (33")	1800 (70")			DM Drum motor	600 (23.6")	
990 (39")				GB Gearbox		

Article-Nr. structure guide (Example) Select the different value to compose the Article-Nr

**W0533 | L01200 | DI | 2 | RD | 0350 | PS**

### Diverter Power supply



**RD** Roller drive  
24Vdc



**Single motor**  
Up to 12Kg

**DD** Master/slave Roller drive  
24Vdc



**Dual motor**  
Up to 20Kg

**DM** Drum motor  
380/400V



**Single motor**  
Up to 50Kg

**GB** Gearbox  
380/400V



**Single motor**  
Up to 50Kg

RD and DD solutions include the control system.

\*Different lengths, widths and configurations are available on request, please contact your sales representative.

## 553 SORTER<sup>+</sup> Triple Diverter



**+ Accessories**

Page 345-346



Floor supports



Gearmotors

ZERO<sup>PRO</sup>ATP<sup>®</sup>  
ACTIVE TRANSFER PLATE

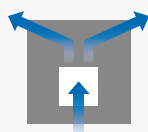


TRY IT NOW!

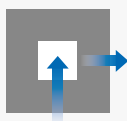
Choose the smallest Active Transfer Plate available on the market and boost your line performance! Ask for more info!

■ Standard 553 Sorter+ Painted steel frame color RAL 7031 - Blue grey

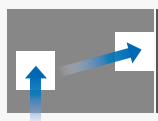
### Available movement options



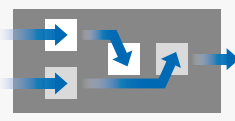
Diverter



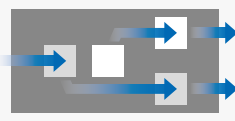
90° transfer



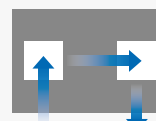
Aligner



Merger



Diverger



U-turn

On request

### 553 Sorter<sup>+</sup> Diverter version

These codes mean complete curve, except floor supports and gearmotors.

W Belt Width*	L Conveyor length*	Type	N° of diverter	Diverter type (see below for more specs)	Diverter width (Check the relation with L)	Frame material
533 (21")	1800 (70")	DI Diverter	3	RD Roller drive	350 (13.8")	PS Painted steel
686 (27")	2100 (86.7")			DD Master/slave Roller drive	500 (19.7")	SS Stainless steel
838 (33")	2400 (94.5")			DM Drum motor	600 (23.6")	
990 (39")				GB Gearbox		

Article-Nr. structure guide (Example) Select the different value to compose the Article-Nr

**W0533**

**L01800**

**DI**

**3**

**RD**

**0350**

**PS**

### Diverter Power supply



**RD** Roller drive  
24Vdc



**Single motor**  
Up to 12Kg

**DD** Master/slave Roller drive  
24Vdc



**Dual motor**  
Up to 20Kg

**DM** Drum motor  
380/400V



**Single motor**  
Up to 50Kg

**GB** Gearbox  
380/400V



**Single motor**  
Up to 50Kg

RD and DD solutions include the control system.

## 553 SORTER+ Static turn



■ Standard 553 Sorter+ Painted steel frame color RAL 7031 - Blue grey

### + Accessories Page 345-346



Floor supports



Gearmotors

ZEROPRO ATP®  
ACTIVE TRANSFER PLATE



TRY IT NOW!

Choose the smallest Active Transfer Plate available on the market and boost your line performance! Ask for more info!

### Available movement options



Static turn

### 553 Sorter+ Static turn version

These codes mean complete curve, except floor supports and gearmotors.

W Belt Width*	L Conveyor length*	Type	N° of diverter	Diverter type (see below for more specs)	Turning Table Ø (Check the relation with L)	Frame material
533 (21")	1200 (47")	ST Static turn	1	GB Gearbox	400 (15.8")	PS Painted steel
686 (27")	1800 (71")				600 (23.6")	SS Stainless steel
838 (33")					800 (31.5")	
990 (39")						

Article-Nr. structure guide (Example) Select the different value to compose the Article-Nr

**W0533** | **L01200** | **ST** | **1** | **GB** | **0400** | **PS**

### Static turn Power supply



**GB** Gearbox  
380/400V

**Single motor**  
Up to 50Kg

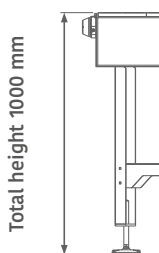
\*Different lengths, widths and configurations are available on request, please contact your sales representative.

## 553 Sorter+

Floor support  
with leveling feet



Conveyor Width	Painted Steel Floor support
533 (21")	<b>W0533HS</b>
686 (27")	<b>W0686HS</b>
838 (33")	<b>W0838HS</b>
990 (39")	<b>W0990HS</b>



- Stainless steel AISI 304 floor supports available on request
- Single or double floor fixation levellers available on request
- Customizable height and specifications

For different heights or custom specification please contact your sales representative.

## 553 Sorter+

Gearmotor

### SEW

- Foodgrade oil
- Type WA30 DRN71M4
- Internal shaft position (no cable supplied)



Article Nr.	Power
<b>M090-S/IM</b>	<b>0,37 kW</b>

### BONFIGLIOLI

- Type BN 71B 4 B14
- Internal shaft position (no cable supplied)



Article Nr.	Power
<b>M090L-S/IM</b>	<b>0,37 kW</b>

For different gearmotors please contact your sales representative.

SEW and BONFIGLIOLI are believed to be the trademarks and/or trade names of their respective owners and are not owned or controlled by Movex.



**Movex**  
OFFICIAL UK PARTNER

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ISO 9001, ISO 14001