

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	

SYSTEM PLAST

Smart
guide

57010a

INDEX EQUIPMENT

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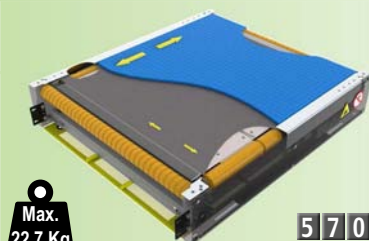
MODSORT® MODULE RANGE

New

MODSORT®

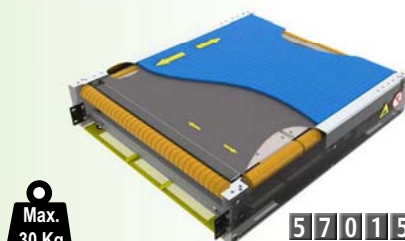
STANDARD VERSION

HEAVY DUTY VERSION



Max.
22,7 Kg

57015a

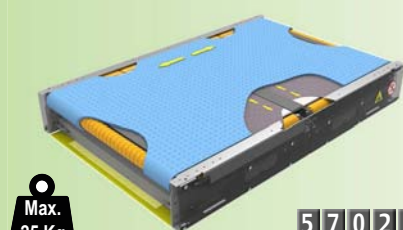


Max.
30 Kg

57015a

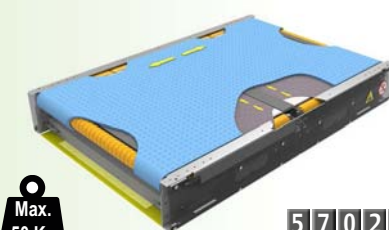
DUAL DIVERT VERSION

DUAL DIVERT - HEAVY DUTY VERSION



Max.
25 Kg

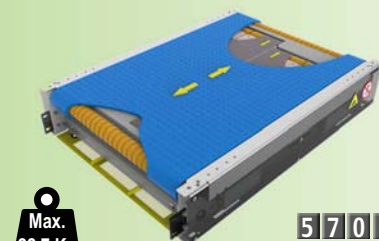
57020a



Max.
30 Kg

57020a

MODTURN VERSION

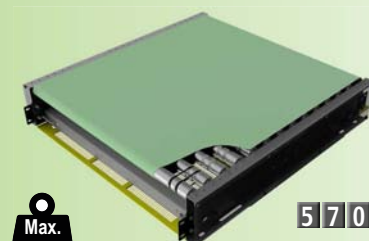


Max.
22,7 Kg

57020a

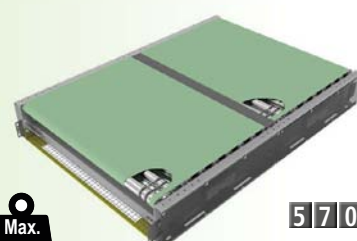
INTERMEDIATE SINGLE VERSION

INTERMEDIATE DOUBLE VERSION



Max.
25 Kg

57020a



Max.
25 Kg

57020a

MODSORT ACCESSORIES



57025a

SUPPORT LEG KIT - POWER SUPPLY KIT - STAND ALONE KIT - CONTROL CARD, ETC.



FEATURES FOR VERSIONS:

Standard, Heavy Duty, Dual Divert and Dual Divert-Heavy Duty

- Can be used as Infeed
- Passes product straight through
- Maintain properly product gapping
- Stop and divert full 90 degrees
- Divert on the fly (blended vector angle)

Modturn

- Can be used as Infeed
- Passes product straight through
- Combined action of both PVC Turning Belts rotate products
- 90 degrees turn
- 180 degrees turn

Intermediate (Single or Double)

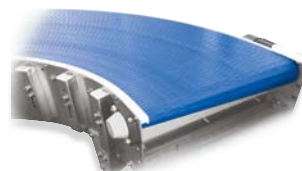
- Can be used as Infeed
- Passes product straight through
- Maintain properly product gapping
- Can be used as Gapper / Singulator

iCOF® CONDITION MONITORING

MODFLEX™ MODULAR CURVE



iCOF®
57080a



MODFLEX™
57030a

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	

57015a

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MODSORT® TRANSFER MODULE

STANDARD AND HEAVY DUTY VERSIONS



Features and benefits:

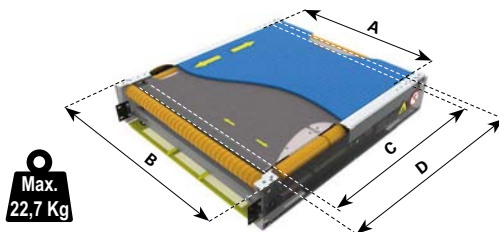
- Can be easily integrated into existing traditional or motorized roller conveyor systems.
- Ability to transfer a wide array of products.
- Mechanical lift unneeded (only two means of motion required).
- Run smaller packages without "gaps" associated with pop-up transfer modules.
- Ideal for handling 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 ►



STANDARD VERSION

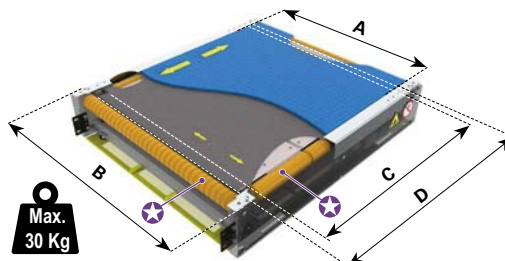


The Modsort® standard module is an all 24-Volt motorized driven roller (MDR) based right angle transfer and/or diverter station. It integrates easily with other MDR-based conveyors and can also be used to integrate to more traditional conveyor types, providing all interlocks and controls links are properly established. The Modsort standard module is designed to handle any kind of package, from small packages like polybags to medium sizes traditional packages. The Modsort standard module can be installed as a true right-angle transfer or can be utilized as an on-the-fly diverter station.

ITEM DESCRIPTION - COMPLETE UNIT	SIZE	LENGTH	INTERNAL WIDTH "A"	EXTERNAL WIDTH "B"	DIVERT ZONE LENGTH "C"	TRANSFER ZONE "D"	HEIGHT FRAME	UNIT WEIGHT
CONTROL CARD RIGHT SIDE								
mm (inch)								
MS-ST1-RH-AI2-L30W20-16	1	762 (30)	406 (16)	500 (20)	530 (21)	620 (24)	202 (8)	66 (145)
MS-ST2-RH-AI2-L30W26-22	2	762 (30)	559 (22)	653 (26)	530 (21)	620 (24)	202 (8)	79 (174)
MS-ST3-RH-AI2-L36W20-16	3	914 (36)	406 (16)	500 (20)	682 (27)	772 (30.4)	202 (8)	77 (170)
MS-ST4-RH-AI2-L36W26-22	4	914 (36)	559 (22)	653 (26)	682 (27)	772 (30.4)	202 (8)	91 (200)
MS-ST5-RH-AI2-L36W32-28	5	914 (36)	711 (28)	805 (32)	682 (27)	772 (30.4)	202 (8)	103 (227)
MS-ST6-RH-AI2-L42W26-22	6	1066 (42)	559 (22)	653 (26)	834 (33)	924 (36.4)	202 (8)	103 (227)
MS-ST7-RH-AI2-L42W32-28	7	1066 (42)	711 (28)	805 (32)	834 (33)	924 (36.4)	202 (8)	116 (256)
MS-ST8-RH-AI2-L42W38-34	8	1066 (42)	864 (34)	958 (38)	834 (33)	924 (36.4)	202 (8)	129 (284)

Networked Control Card Ai2

HEAVY DUTY VERSION



The Modsort Heavy Duty module is an all 24-Volt motorized driven roller (MDR) based right angle transfer and/or diverter station. It integrates easily with other MDR-based conveyors and can also be used to integrate to more traditional conveyor types, providing all interlocks and controls links are properly established. The Modsort Heavy Duty module is can handle any kind of package, from small packages like polybags to medium sizes traditional packages.

It is designed to manage also heavier packages up to 30 kgs.

The Modsort Heavy Duty module can be installed as a true right-angle transfer or can be utilized as an on-the-fly diverter station.

✦ Double PulseRoller®* Senergy®* 3 Stage MDRs with proprietary drive lagging.

ITEM DESCRIPTION - COMPLETE UNIT	SIZE	LENGTH	INTERNAL WIDTH "A"	EXTERNAL WIDTH "B"	DIVERT ZONE LENGTH "C"	TRANSFER ZONE "D"	HEIGHT FRAME	UNIT WEIGHT
		mm (inch)						kg (lbs.)
MS-HD2-AI2-L30W26-22	2	762 (30)	559 (22)	653 (26)	530 (21)	620 (24)	202 (8)	79 (174)
MS-HD4-AI2-L36W26-22	4	914 (36)	559 (22)	653 (26)	682 (27)	772 (30.4)	202 (8)	91 (200)
MS-HD5-AI2-L36W32-28	5	914 (36)	711 (28)	805 (32)	682 (27)	772 (30.4)	202 (8)	103 (227)
MS-HD6-AI2-L42W26-22	6	1066 (42)	559 (22)	653 (26)	834 (33)	924 (36.4)	202 (8)	103 (227)
MS-HD7-AI2-L42W32-28	7	1066 (42)	711 (28)	805 (32)	834 (33)	924 (36.4)	202 (8)	116 (256)
MS-HD8-AI2-L42W38-34	8	1066 (42)	864 (34)	958 (38)	834 (33)	924 (36.4)	202 (8)	129 (284)

Networked Control Card Ai2

* The following are believed to be the trademarks and/or trade names of their respective owners and are not owned or controlled by Regal Beloit Corporation. PulseRoller, Senergy: Insight Automation, Inc.

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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	

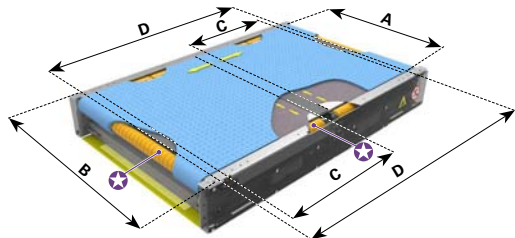
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MODSORT® TRANSFER MODULE

DUAL DIVERT, DUAL DIVERT-HEAVY DUTY, MODTURN AND INTERMEDIATE (SINGLE OR DOUBLE BELT) VERSIONS

DUAL DIVERT AND DUAL DIVERT-HEAVY DUTY VERSIONS



**Max.
25 Kg**
DUAL
DIVERT

**Max.
50 Kg**
DUAL DIVERT
HEAVY - DUTY

Double PulseRoller® Senergy® 3 Stage MDRs with proprietary drive lagging.

The Modsort® Dual Divert module is an all 24-Volt motorized driven roller (MDR) based right angle transfer and/or diverter station. It integrates easily with other MDR-based conveyors and can also be used to integrate to more traditional conveyor types, providing all interlocks and controls links are properly established. The Modsort Dual Divert module is designed to handle smaller, more problematic packages such as polybags and small packages, but it can also handle more traditional boxes. The Modsort Dual Divert module can be installed as a true right-angle transfer or can be utilized as an on-the-fly diverter station.

The Dual Divert version is designed to manage up to 25 kgs both as carriable weight on the whole unit and for each diverter.

The Heavy Duty version is designed to manage also heavier packages. Up to 50 kgs overall carriable weight on the whole unit, 30kg for each diverter.



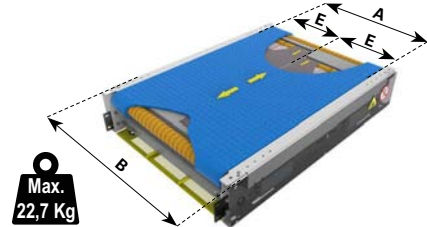
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ITEM DESCRIPTION - COMPLETE UNIT		SIZE	LENGTH	INTERNAL WIDTH "A"	EXTERNAL WIDTH "B"	DIVERT ZONE LENGTH "C"	TRANSFER ZONE "D"	HEIGHT FRAME	UNIT WEIGHT	
									DUAL DIVERT	DUAL DIVER HEAVY DUTY
DUAL DIVERT	DUAL DIVERT-HEAVY DUTY								mm (inch)	
MS-2D-AI2-L56W20-16	-	1, 3	1422 (56)	406 (16)	500 (20)	555 - each divert zone (22)	1275 (50)	200 (8)	80 (176.4)	-
MS-2D-AI2-L56W26-22	MS-HD2D-AI2-L56W26-22	2, 4, 6	1422 (56)	559 (22)	653 (26)		1275 (50)	200 (8)	90 (198.4)	105 (231.4)
MS-2D-AI2-L56W32-28	MS-HD2D-AI2-L56W32-28	5, 7	1422 (56)	711 (28)	805 (32)		1275 (50)	200 (8)	100 (220.4)	115 (253.5)
MS-2D-AI2-L56W38-34	MS-HD2D-AI2-L56W38-34	8	1422 (56)	864 (34)	958 (38)		1275 (50)	200 (8)	125 (275.5)	140 (308.6)
MS-2D-AI2-L56W40-37	MS-HD2D-AI2-L56W40-37	9	1422 (56)	922 (36)	1029 (40)		1275 (50)	200 (8)	130 (286.6)	145 (319.6)

Networked Control Card Ai2

MODTURN VERSION



**Max.
22,7 Kg**

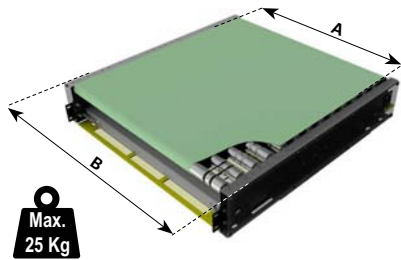
The Modsort Modturn module is an all 24-Volt motorized driven roller (MDR) based product rotation and transport station. It integrates easily with other MDR-based conveyors and can also be used to integrate to more traditional conveyor types, providing all interlocks and controls links are properly established. The Modsort Modturn module is designed to handle any kind of package, from small packages like polybags to medium sizes traditional packages. The Modsort Modturn module can be installed to rotate products on the fly or just to convey products.

ITEM DESCRIPTION - COMPLETE UNIT	SIZE	LENGTH	INTERNAL WIDTH "A"	EXTERNAL WIDTH "B"	TURNING LENGTH ZONE "E"	HEIGHT FRAME	UNIT WEIGHT
		mm (inch)					kg (lbs.)
MS-TRN-AI2-L36W32-28	5	914 (36)	711 (28)	805 (32)	338 x 650 (13.3 x 25.6)	202 (8)	113 (249)
MS-TRN-AI2-L42W32-28	7	1066 (42)	711 (28)	805 (32)	338 x 760 (13.3 x 29.9)	202 (8)	126 (277)
MS-TRN-AI2-L42W38-34	8	1066 (42)	864 (34)	958 (38)	425 x 760 (16.6 x 29.9)	202 (8)	139 (306)

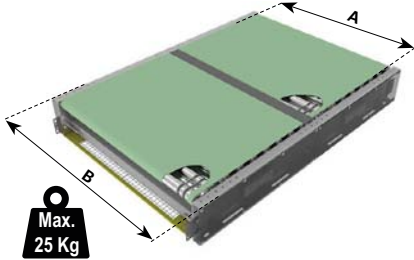
Networked Control Card Ai2

INTERMEDIATE SINGLE VERSION

INTERMEDIATE DOUBLE VERSION



**Max.
25 Kg**



**Max.
25 Kg**

The Intermediate module (single or double) is an all 24-Volt motorized belt conveyor actuated by driven roller (MDR). It integrates specifically with Modsort Dual Divert module. The machine is designed for interconnecting 2 Modsort units, with the possibility of managing the correct gap between the parcels for an effective sorting.

ITEM DESCRIPTION COMPLETE UNIT SINGLE BELT	ITEM DESCRIPTION COMPLETE UNIT DOUBLE BELT	SIZE	LENGTH SINGLE	LENGTH DOUBLE	INTERNAL WIDTH "A"	EXTERNAL WIDTH "B"	HEIGHT FRAME	UNIT WEIGHT	
								SINGLE	DOUBLE
			mm (inch)					kg (lbs.)	
MS-INT-1ZB-L28W19-16	MS-INT-2ZB-L56W19-16	1, 3	711 (28)	1422 (56)	406 (16)	500 (19.7)	202 (8)	60 (132.28)	120 (264.55)
MS-INT-1ZB-L28W26-22	MS-INT-2ZB-L56W26-22	2, 4, 6	711 (28)	1422 (56)	559 (22)	653 (25.7)	202 (8)	75 (165.35)	155 (341.72)
MS-INT-1ZB-L28W32-28	MS-INT-2ZB-L56W32-28	5, 7	711 (28)	1422 (56)	711 (28)	805 (31.7)	202 (8)	95 (209.44)	190 (418.88)
MS-INT-1ZB-L28W38-34	MS-INT-2ZB-L56W38-34	8	711 (28)	1422 (56)	864 (34)	958 (37.7)	202 (8)	115 (253.53)	230 (507.06)
MS-INT-1ZB-L28W40-37	MS-INT-2ZB-L56W40-37	9	711 (28)	1422 (56)	922 (36)	1029 (40.5)	202 (8)	124 (273.37)	240 (529.11)

Networked Control Card Ai2

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® TRANSFER MODULE

ACCESSORIES

SIDE GUIDE KITS (INCLUDING PHOTO-EYE)

SINGLE DIVERT

DOUBLE DIVERT

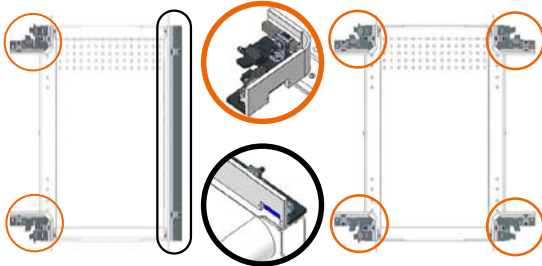
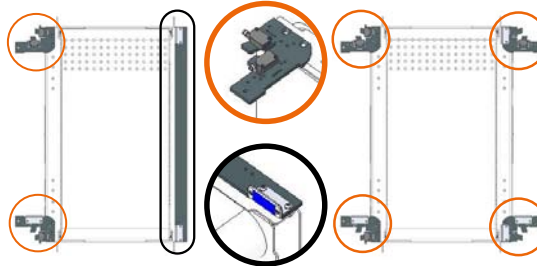


PHOTO EYE KITS

SINGLE DIVERT

DOUBLE DIVERT



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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
MODSORT-MSGK-56-36TAW-S
MODSORT-MSGK-56-42TAW-S
MODSORT-MSGK-56-48TAW-S

ITEM DESCRIPTION
MODSORT-MSGK-30-16TAW-D
MODSORT-MSGK-30-22TAW-D
MODSORT-MSGK-36-16TAW-D
MODSORT-MSGK-36-22TAW-D
MODSORT-MSGK-36-28TAW-D
MODSORT-MSGK-42-22TAW-D
MODSORT-MSGK-42-28TAW-D
MODSORT-MSGK-42-34TAW-D
MODSORT-MSGK-56-36TAW-D
MODSORT-MSGK-56-42TAW-D
MODSORT-MSGK-56-48TAW-D

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
MODSORT-MPES-56-36TAW-S
MODSORT-MPES-56-42TAW-S
MODSORT-MPES-56-48TAW-S

ITEM DESCRIPTION	MODSORT SIZE	TAKE-AWAY WIDTH mm (inch)	TRANSFER LENGTH
MODSORT-MPES-30-16TAW-D	1, 2	406 (16)	762 (30)
MODSORT-MPES-30-22TAW-D	1, 2	559 (22)	762 (30)
MODSORT-MPES-36-16TAW-D	3, 4, 5	406 (16)	914 (36)
MODSORT-MPES-36-22TAW-D	3, 4, 5	559 (22)	914 (36)
MODSORT-MPES-36-28TAW-D	3, 4, 5	711 (28)	914 (36)
MODSORT-MPES-42-22TAW-D	6, 7, 8	559 (22)	1066 (42)
MODSORT-MPES-42-28TAW-D	6, 7, 8	711 (28)	1066 (42)
MODSORT-MPES-42-34TAW-D	6, 7, 8	864(34)	1066 (42)
MODSORT-MPES-56-36TAW-D	9	1422 (56)	914 (36)
MODSORT-MPES-56-42TAW-D	9	1422 (56)	1067 (42)
MODSORT-MPES-56-48TAW-D	9	1422 (56)	1219 (48)



VALU GUIDE

Check also our Low friction bead guides that are including light and heavy duty options.

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ADJUSTABLE LEG KIT

ITEM DESCRIPTION	MODSORT SIZE	TOTAL HEIGHT RANGE* mm (inch)
MODSORT-LSK-500-670-16BFW	1, 3	500 - 670 (20 - 26)
MODSORT-LSK-670-865-16BFW	1, 3	670 - 865 (26 - 34)
MODSORT-LSK-865-1350-16BFW	1, 3	865 - 1350 (34 - 53)
MODSORT-LSK-500-670-22BFW	2, 4, 6	500 - 670 (20 - 26)
MODSORT-LSK-670-865-22BFW	2, 4, 6	670 - 865 (26 - 34)
MODSORT-LSK-865-1350-22BFW	2, 4, 6	865 - 1350 (34 - 53)
MODSORT-LSK-500-670-28BFW	5, 7	500 - 670 (20 - 26)
MODSORT-LSK-670-865-28BFW	5, 7	670 - 865 (26 - 34)
MODSORT-LSK-865-1350-28BFW	5, 7	865 - 1350 (34 - 53)
MODSORT-LSK-500-670-34BFW	8	500 - 670 (20 - 26)
MODSORT-LSK-670-865-34BFW	8	670 - 865 (26 - 34)
MODSORT-LSK-865-1350-34BFW	8	865 - 1350 (34 - 53)
MODSORT-LSK-500-670-37BFW	9	500 - 670 (20 - 26)
MODSORT-LSK-670-865-37BFW	9	670 - 865 (26 - 34)
MODSORT-LSK-865-1350-37BFW	9	865 - 1350 (34 - 53)



1 Support Leg Kit includes Legs and levelers as shown in the image

* Height inclusive of Leg Kit + Standard Modsort Unit

POWER SUPPLY KIT



ITEM DESCRIPTION

MODSORT-MPS-400W

STAND ALONE KIT



ITEM DESCRIPTION

MODSORT-MPEK

CONTROL CARD



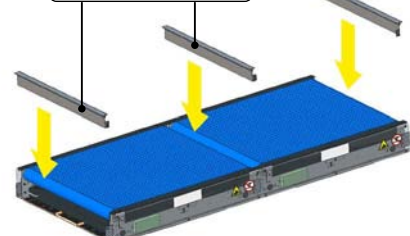
ITEM DESCRIPTION

MS-CONTROLLER-AI-2

TRANSFER PLATE KIT (SUPPORT FRAME AND FIXING BOLTS INCLUDED)

ITEM DESCRIPTION	MODSORT SIZE	TOTAL LENGTH mm (inch)	TOTAL HEIGHT mm (inch)	TRANSFER PLATE WIDTH mm (inch)
MS-EU-TRANSFER-PLATE-ASSEM-16W	1, 3	406 (16)	86,5 (3.4)	40 (1.57)
MS-EU-TRANSFER-PLATE-ASSEM-22W	2, 4, 6	559 (22)		
MS-EU-TRANSFER-PLATE-ASSEM-28W	5, 7	711 (28)		
MS-EU-TRANSFER-PLATE-ASSEM-34W	8	864 (34)		
MS-EU-TRANSFER-PLATE-ASSEM-37W	9	940 (37)		

TRANSFER PLATE KITS



MATERIAL: Transfer plate profile in Nolu-S™. Connecting plate in galvanized steel. Fixing screws in black-oxide alloy steel.

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