

DIVERTER SH 1500

Straight
Powered

24V

400V

Product description

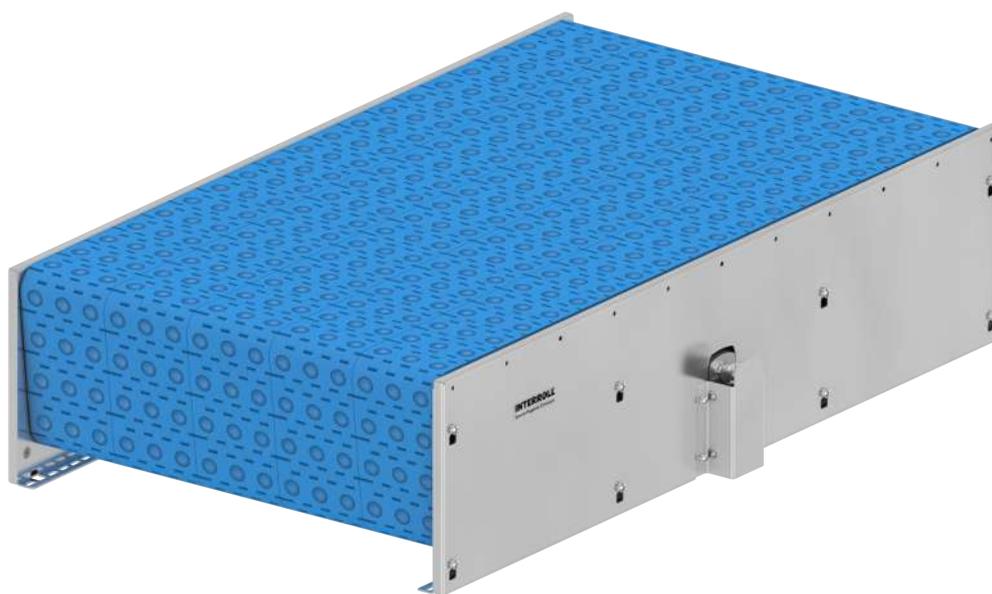
The diverter SH 1500 is used for diverting conveying goods, preferably with smooth bottom surfaces, at different angles to the right or to the left.

The module is equipped with two powerful drum motors. One drum motor drives the ball belt Ammeraal Uni QNB-Ball and the second drum motor turns a control belt, which is installed in the upper area and at a 90° angle under the ball belt.

By starting the control belt, the direction and speed of the balls of the ball belt can be manipulated.

By changing the speed of the control belt, the diverting angle can be individually adjusted as required.

The diverter can also be used for small sorting tasks.



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Technical data

General technical data	
Max. load capacity	35 kg/m (greater loads upon request)
Control belt conveying speed	1 m/s
Ball belt conveying speed	0.4 m/s
Ball circumferential speed	0.8 m/s (matches the product speed on the ball belt)
Max. conveying speed for conveying goods in 45° angles	1.18 m/s
Max. conveying speed for conveying goods in 90° angles	0.8 m/s
Incline/decline	Not suitable
Pass-through	Approx. 1400 goods per hour
Ambient temperature	-5 to +40 °C
Drive	
Rated voltage	230/400 V 50 Hz 230/460 V 60 Hz
Electrical power	2 x 550 W
Motor type	Synchronous/asynchronous drum motor DM 0080
Protection rating	IP 66 / IP 69K
Torque transmission	Via sprockets and friction
Materials	
Ball belt	Ammeraal M-QNB-C
Modular belt	Ammeraal Ropanyl
Stainless steel parts	Stainless steel AISI 304
Frequency inverter	Standard: FC1000 Interroll/Getriebbau Nord

Roller conveyor

Transfer module

Diverter

Modular belt conveyor

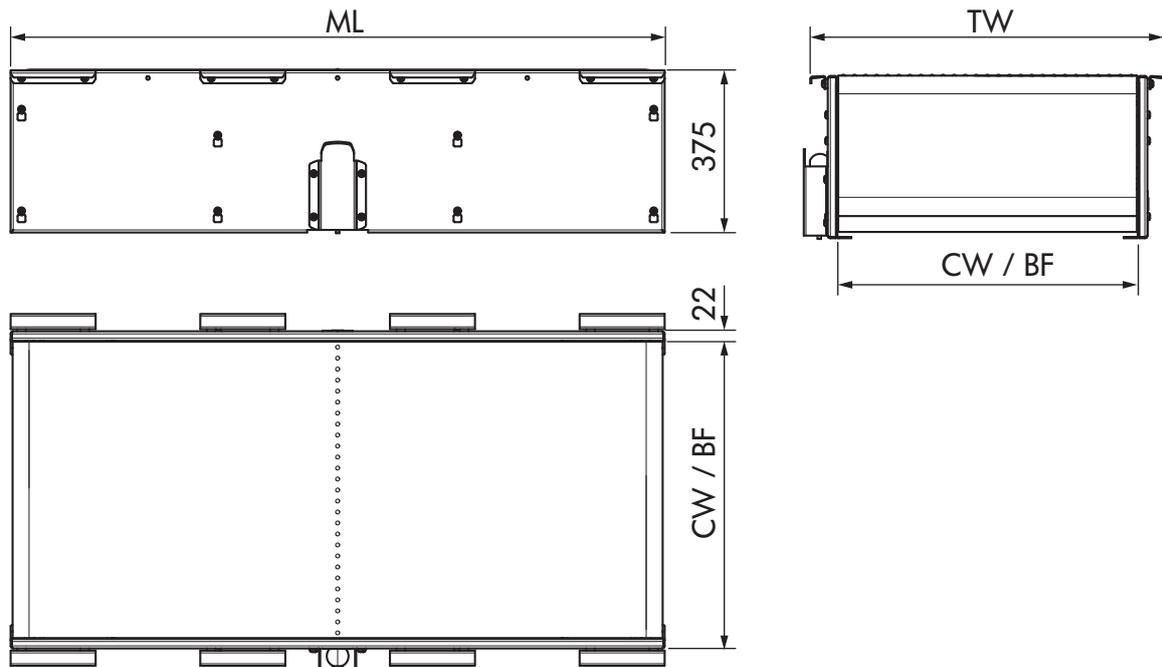
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Dimensions



BF	Rated width	< 690 mm (M), < 842 mm (L)
CW	Module conveying width	
	Size of conveying goods	Min. 100 x 100 mm; max. 700 x 800 mm
ML	Module length	1500 mm
TW	Module width	813 mm (M), 965 mm (L)