

The light range of **ROLLAX**® self-aligning rollers, L1 and L2, is used for curative or preventive purposes for the following applications:

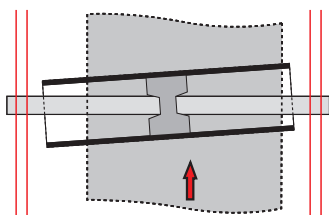
- Replacement of 'MINES' type standard lower rollers on common handling systems to help with belt alignment.
- Alignment of light thermoplastic or rubber belts.

The L1 and L2 **ROLLAX**® rollers comprise a 5-mm thick aluminium tube, Ø 89 with rubber coating, and a pin, Ø 25 mm, connected by a watertight ball joint that only allows the tube to move within 45° planes in relation to the belt.

Movement of the belt mass makes the roller lose its perpendicularity in relation to the chassis frame, at which point the **ROLLAX**® corrects the belt offset until it regains its balance.

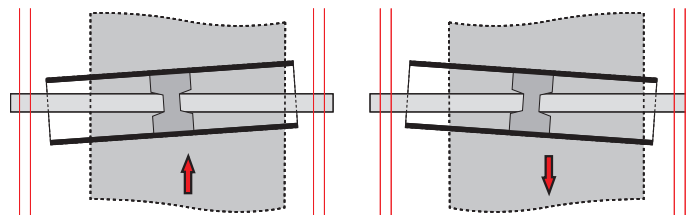
The **ROLLAX**® movements are in proportion to the extent of the offsets.

L1



Correction movement of the ROLLAX when the conveyor belt offsets to the right.

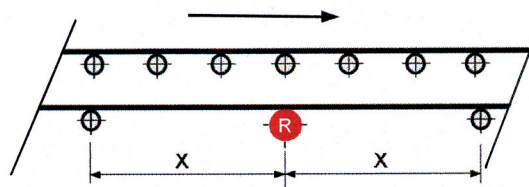
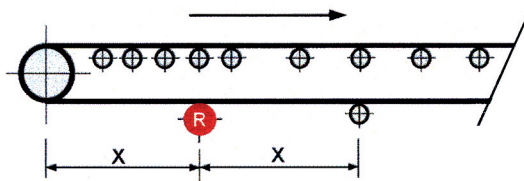
L2



Correction movements of the ROLLAX for an offset on the same side as the conveyor, depending on which direction the belt is travelling in.

ASSEMBLY

The upper tangent of the **ROLLAX**® must correspond to the tangents of the rollers or drums up- and downstream.



The width and weight of the belt define the dimension x which can vary between 1.5 and 3 m.



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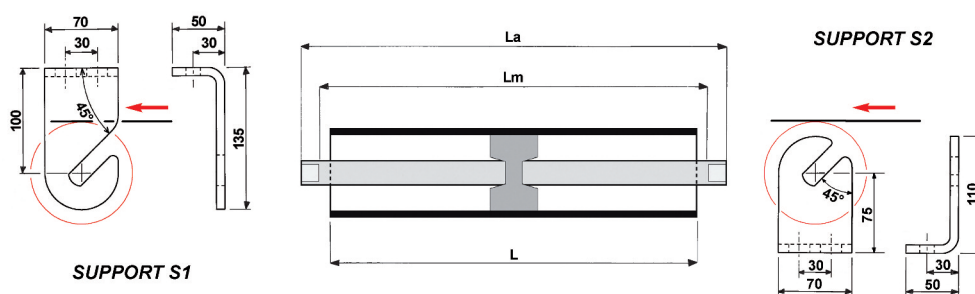
www.hamsa.fr

14, rue de l'Industrie Zone Ind. F-33500 LIBOURNE

TÉL. : +33 (0)5 57 51 87 89

access.bt@hamsa.fr

ROLLAX WITH ONE DIRECTION OF TRAVEL - L1



STANDARD PRODUCT RANGE

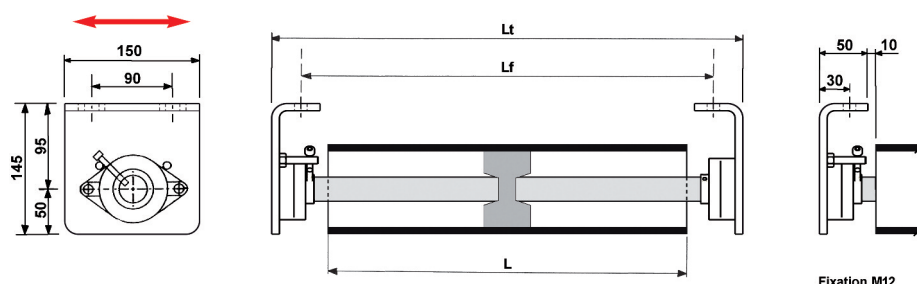
Reference	Belt width	Ø bare ROLLAX	L	Ø shaft	La	Lm	Weight
L1 400	400 mm	89	475	25	540	508	7,0
L1 500	500 mm	89	575	25	640	608	7,7
L1 650	650 mm	89	725	25	790	758	8,7
L1 800	800 mm	89	875	25	940	908	9,7
L1 1000	1000 mm	89	1115	25	1180	1148	11,3

*Different L, La and Lm on request

Flat 14

L1 rollers are always delivered with a pair of S1 or S2 supports, except when the same model supports are already in place (flat positioned at 45°).

REVERSIBLE ROLLAX - L2



Fixation M12

STANDARD PRODUCT RANGE

Reference	Belt width	Ø bare ROLLAX	L	Ø shaft	Lf	Lt	Weight
L2 300	300 mm	89	350	25	410	470	9,1
L2 400	400 mm	89	450	25	510	570	9,8
L2 500	500 mm	89	550	25	610	670	10,5
L2 600	600 mm	89	650	25	710	770	11,1
L2 650	650 mm	89	700	25	760	820	11,5
L2 800	800 mm	89	850	25	910	970	12,5
L2 1000	1000 mm	89	1050	25	1110	1170	14,1

With the support wing directed outwards, the Lf dimension is increased by 60 mm.

Different L, Lf and Lt dimensions on request.

LAGGING

- Anti-abrasion and non-clogging Black ACA 6mm
- Grease-resistant nitrile Black NAH 6mm
- Food grade White ALH 6mm

OTHER DELIVERY POSSIBILITIES

- Rollers with different dimensions.
- Partial or total finish in stainless steel.
- M1 and M2 rollers with Ø 133mm.