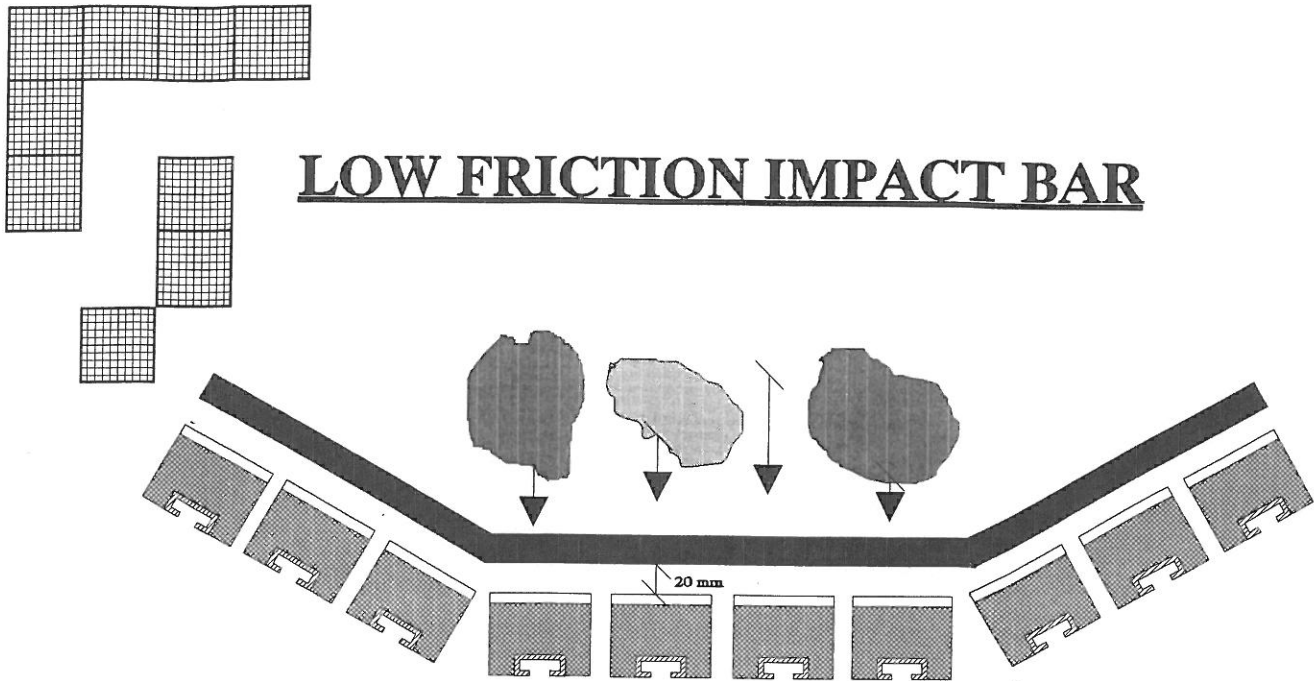
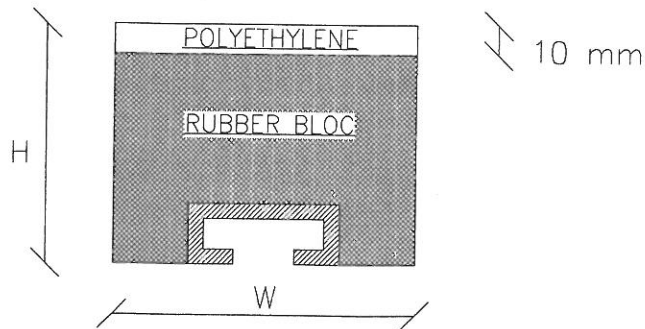


LOW FRICTION IMPACT BAR



RECOMMENDED INSTALLATION

Belt Width (mm)	Side/Centre/Side (Pc.s)	Distances between Impact Bars (mm)		Existing Roll Width (mm)
		Side	Centre	
650	2/2/2	25	25	250
800	2/3/2	50	5	315
1000	3/3/3	25	25	380
1200	3/4/3	55	20	465
1400	4/5/4	45	7	530
1600	5/5/5	25	25	600



LOW FRICTION IMPACT BARS

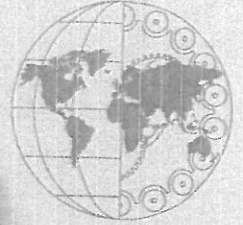
Height (mm)	Width (mm)	Length (mm)	Ref.No.:	Artikel	Fastening System
52	100	1220	539 0320	KG-02/PE	TT-1
80	100	1220	539 0337	KG-03/PE	TT-1
100	100	1220	539 0344	KG-04/PE	TT-2
80	70	1220	539 0382	KG-08/PE	TT-1

Numbers of Fastenings: Min. 3 Pc.s/ Impact Bar

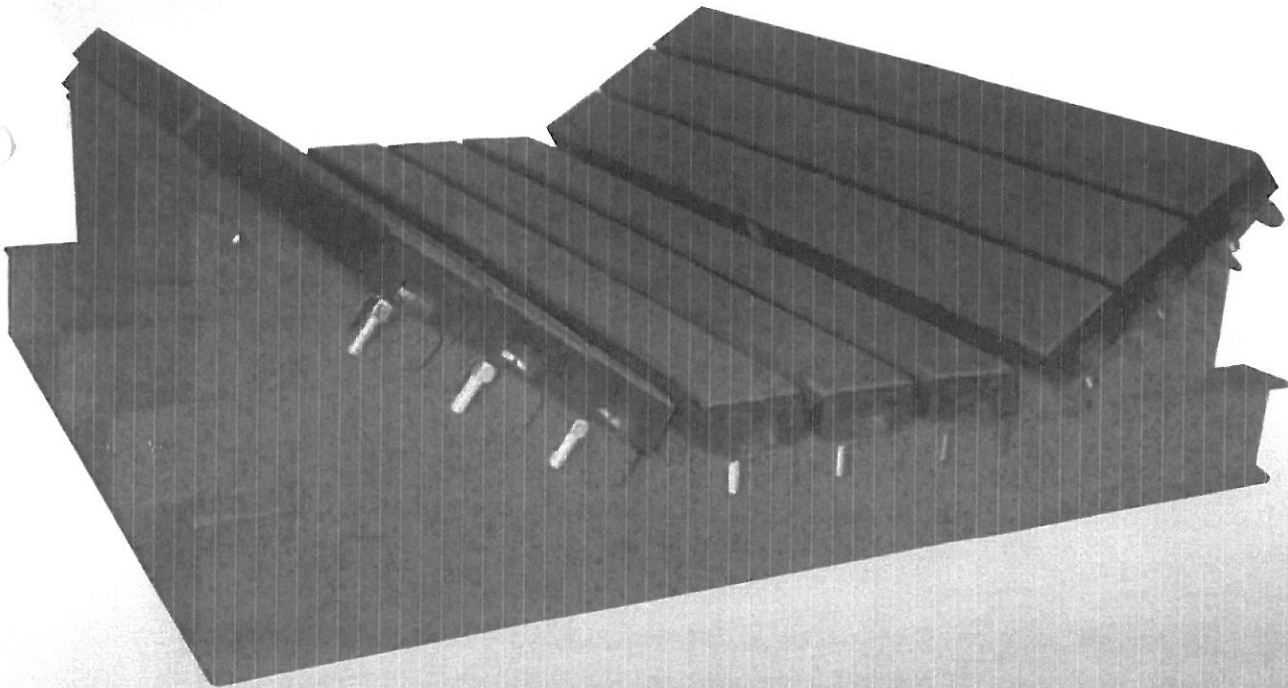


The impact solution

REMA TRANSFER STATION



Industrie



The problem

The specific weight, drop height and lump size of conveyed bulk materials all play a role in creating impact energy that standard installations in most instances cannot absorb. The shock of this impact energy results in damage to both the conveyor belt and related components.

Standard installations can also suffer from poor sealing due to the variation in the belt travel caused by poor loading conditions which creates spillage and resultant damage and material losses.

The REMA TIP TOP solution

Rema Tip Top offers a Transfer Station that is designed to absorb this impact energy and in addition confine travel of the conveyor in the loading area with the following effects:

- Belt damage is minimized
- Spillage is minimized
- Extended service life of the conveyor belt and components is achieved



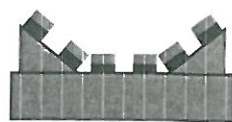


Product features

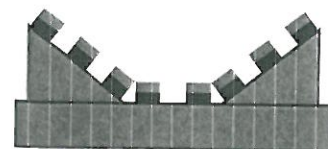
- Rema Tip Top Transfer Stations are manufactured using a rigid mild steel frame work combined with shock absorbing units in the form of KG Low Friction Bars.
- The KG Low Friction Bar is a combination of impact absorbing Remaline 25 rubber, which has excellent resilience characteristics (70%), in order to absorb the high dynamic acceleration of falling bulk materials to which the transfer station is continually exposed. The Polyethelyne topping provides the lowest possible friction coefficient between the KG Low Friction Bar and the conveyor belt.
- The KG Low Friction Bars are fixed using the Rema Tip Top Fastener system.
- Extreme applications are dealt with by using the Transfer Station in combination with a rubber torsion element system.
- The product is manufactured according to information gathered from a questionnaire, which must be completed in as much detail as possible.

Transfer Station complete

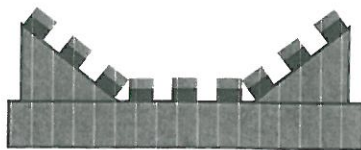
KG-02 / PE Reference No.	KG-03 / PE Reference No.	KG-04 / PE Reference No.	For Belt Width	Bar Configuration
539 1010	539 1110	539 1210	400 - 450mm	1 / 2 / 1
539 1012	539 1112	539 1212	650 mm	2 / 2 / 2
539 1014	539 1114	539 1214	750 mm	2 / 2 / 2
539 1015	539 1115	539 1215	900 mm	3 / 2 / 3
539 1016	539 1116	539 1216	1050 mm	3 / 3 / 3
539 1017	539 1117	539 1217	1200 mm	3 / 4 / 3
539 1018	539 1118	539 1218	1350 mm	3 / 4 / 3
539 1019	539 1119	539 1219	1500 mm	4 / 4 / 4
539 1021	539 1120	539 1220	1800 mm	4 / 5 / 4
539 1023	539 1123	539 1223	2100 mm	5 / 5 / 5



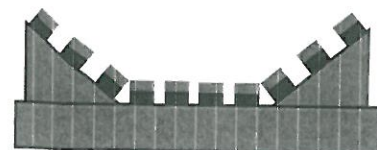
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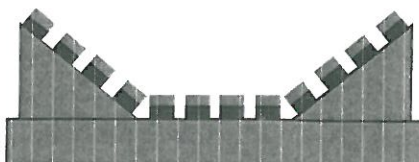
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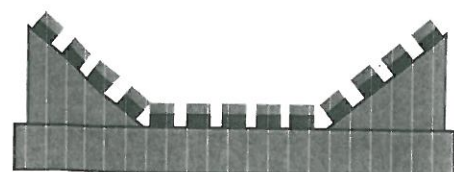
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3 / 4 / 3



4 / 4 / 4



4 / 5 / 4

Selection table for KG Low Friction Bar by application

Weight in Kilograms	50	100	200	300	400
Drop Height in meters					
1,0	KG-02/PE	KG-03/PE	KG-03/PE	KG-04/PE	KG-04/PE
2,0	KG-02/PE	KG-03/PE	KG-04/PE	KG-04/PE	
3,0	KG-03/PE	KG-04/PE	KG-04/PE		
4,0	KG-03/PE	KG-04/PE	KG-04/PE		

* The above table may be used for guideline purposes only.

Polymer Properties

Physical properties : Rema Line 25

Physical Properties	Results
Hardness	35° Shore A
Resilience	70 %
Specific Weight	0,99 g/cm ³
Elongation at Break	> 600 %
Compound	NR
Colour	Black

Physical properties : UHMW-PE

Physical Properties	Results
Hardness	63° Shore D
Resilience	70 %
Specific Weight	1,04 g/cm ³
Elongation at Break	> 600 %
Colour	Green

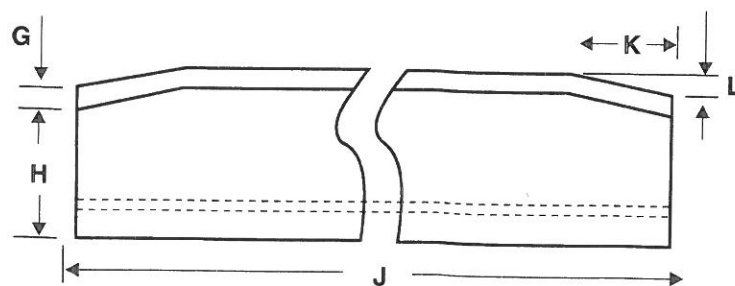
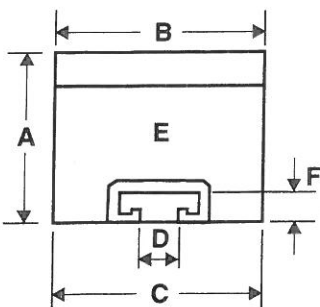
KG - Low Friction Bars

Product details

Reference No.	Description	Specifications	Fastener Unit	Packing Unit	Selling Unit
539 0605	KG-02 / PE	52 x 100 mm	Type 1 (M16 x 60 mm)	Bar/5 fasteners	set
539 0612	KG-03 / PE	80 x 100 mm	Type 1 (M16 x 60 mm)	Bar/5 fasteners	set
539 0629	KG-04 / PE	100 x 100 mm	Type 1 (M16 x 60 mm)	Bar/5 fasteners	set

Product dimensions

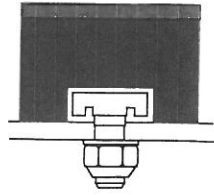
Dimensions	A	B	C	D	E	F	G	H	J	K	L
KG - 02 / PE	52 mm	100 mm	100 mm	20 mm	37 mm	20 mm	10 mm	38 mm	1220 mm	20 mm	5 mm
KG - 03 / PE	80 mm	100 mm	100 mm	20 mm	37 mm	20 mm	10 mm	65 mm	1220 mm	20 mm	5 mm
KG - 04 / PE	100 mm	100 mm	100 mm	20 mm	37 mm	20 mm	10 mm	85 mm	1220 mm	20 mm	5 mm





Industrie

Fastener Unit



Product details

Reference No	Description	Number per meter	Packing Unit	Selling Unit
539 1013	Type 1, M16 x 40mm	4	5 per bar	each

Installation guidelines

- Follow all safety precautions and procedures, ensuring that the conveyor is locked-out before commencing any work.
- Remove the existing idlers / impact idlers below the loading area.
- Install the Rema Tip Top Transfer Station to the stringers directly below the feed chute.
- The Transfer Station must be installed with an approximate gap of 20 mm between the KG Low Friction Bars and the unloaded conveyor belt. This can be achieved by installing idler frames before and after the Transfer Station at the recommended height.
- Multiple Transfer Stations may be installed, but an analysis for the power and loading requirements should be made.

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