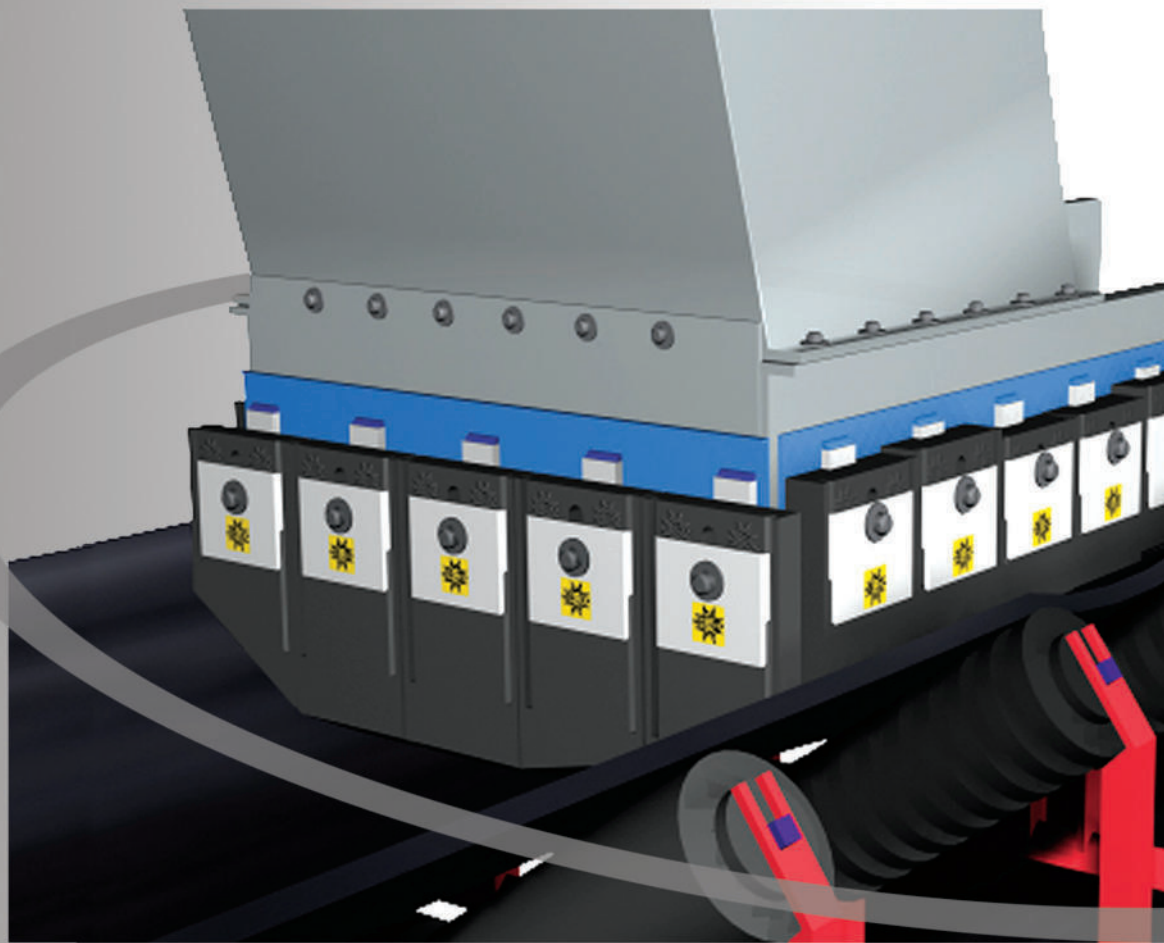




TOTAL : Solution™

TEGA SPILL-EX

Skirt Sealing System



Clean Safe Uninterrupted Conveying

SPILL-EX : Skirt Sealing System

When the material falls on the belt, it remains agitated and needs to be guided up to a certain distance till it gets stabilized. In general, every chute is attached with skirt board to stop material from spilling out. The conventional skirt sealing system, made up of a long rubber strip, leads to gap in the sag portion (between two rollers) of the conveyor. This gap will be effectively sealed with TEGA SPILL-EX which ensures efficient spillage control.



CONVENTIONAL
SKIRT SEALING
SYSTEM

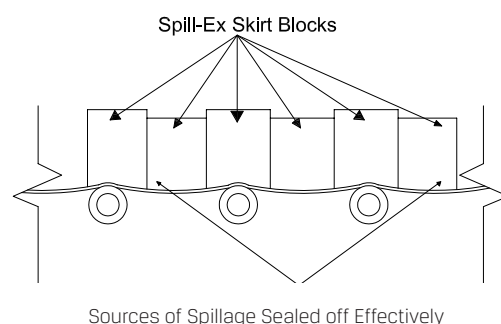
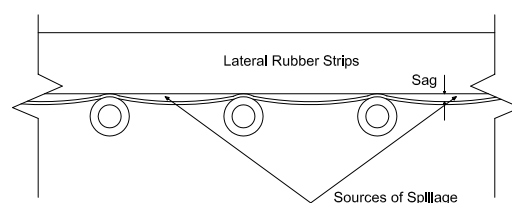
Tega Spill-Ex is designed with modular arrangement which contains flat rectangular spillage control blocks that can be installed according to the contour of the belt over the flat backing plate by means of serrated clamps and screw fastening system. Each block can be moved up and down over the backing plate by loosening the bolts. After considerable wear and tear, the blocks are lowered by adjusting the bolts so that the

gap that was created due to wear and tear between the assembly of blocks and the conveyor would be sealed.

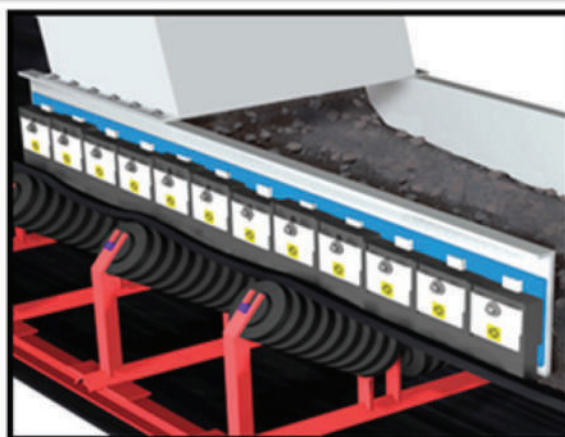
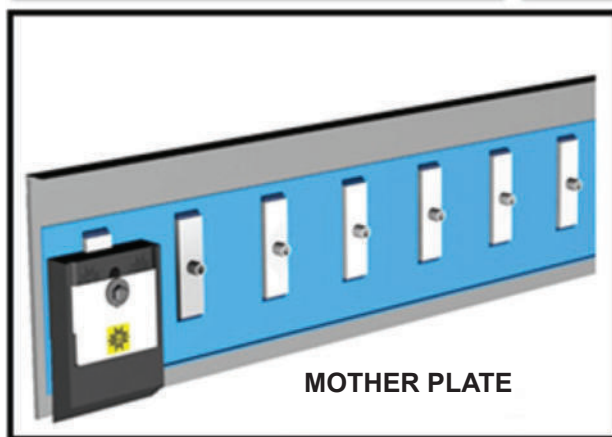
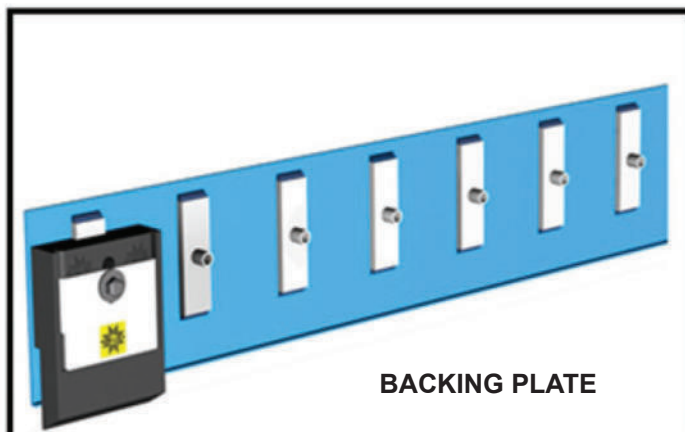
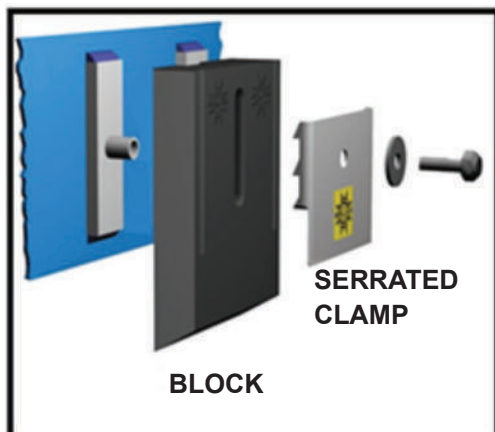
Tega innovated SPILL-EX skirt sealing system (Indian patent NO. 175838 & US patent no. 5.303.813) is simple yet effective in making conveyor loading stations completely spillage free. Our specially designed segmented rubber block ensures a smooth spillage-free operation, without any belt damage.



TEGA SPILL-EX
SKIRT SEALING
SYSTEM



FEATURES & BENEFITS



01

SEGMENTED TYPE BLOCKS

- Fits easily into the sag part of the belt & Seals the gap
- Easy Maintenance and Cost Saving
- Available in PU or Rubber

02

SPECIALLY DESIGNED BACKING PLATE WITH GUIDES

- Allows only vertical movement of the block with no gap b/w two blocks
- Available in Mild Steel or Stainless Steel (SS 304)

03

SPECIALLY DEVELOPED BLOCKS

- Lower Hardness- Softer than the belt hence not damaging the belt conveyor
- Low abrasion loss- Improves Life of the block
- Higher tensile strength- Protects the block from the belt sway

04

TONGUE SHAPED SERRATED CLAMPS

- Arrests the outward and upward movement of the Block caused due to belt sway & vibration
- Available in Mild Steel or Stainless Steel (SS 304)

HOW TO SELECT TEGA SPILLEX?

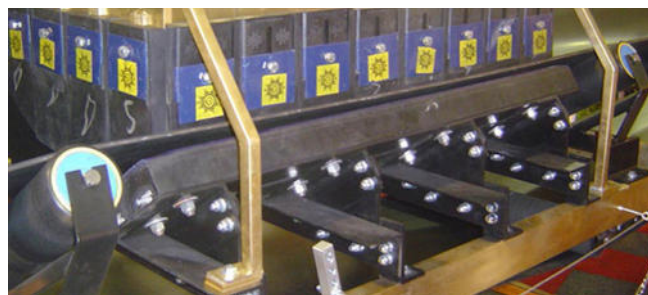
AAA-BB-CC-DD

AAA- Duty Condition-XDS/HDS/LDS/HDR

BB- Type of Steel-MS/SS

CC- Type of Block- RB (Rubber)/ PU (Poly Urethane)

DD- Temperature-NT/HT/SHT/OGR/FRAS



VARIANTS OF SPILL-EX (AAA)

Variant	Location	Application	Dimensions (mm)			
			Block Dimensions (W x H x T)	Wear Length of Block	Standard Module Length*	Backing Plate Thickness
XDS	Side	Extra Heavy Duty	150 x 200 x 32	65	1500	5
HDS	Side	Heavy Duty	150 x 200 x 25	65	1500	3
LDS	Side	Light Duty	125 x 150 x 25/15	45	1000	3
HDR	Rear	Light/Heavy	150 x 300 x 32	65	1500	3

* Modules are also available in various lengths to suit any skirt dimensions (Refer MODULE LENGTH VARIANTS table)

BLOCK CHARACTERISTICS (DD)

- 1 Hardness-The block have a hardness of 60(+/-5) Shore A
- 2 Temperature
 - NT Type suitable upto 70°C
 - HT Type suitable upto 120°C
 - SHT Type suitable upto 180°C
 - OGR Type Oil and Grease resistant
 - FRAS Type (Flame Retardant & Antistatic) suitable upto 120°C for fines and 150°C for lump

MODULE LENGTH VARIANTS

Side Skirt Sealing Module Selection (1 inch = 25.4 mm)							
Standard module (XDS/HDS)	mm	1500	1200	1050	900	750	600
Small module (LDS)	mm	1000	875	750	625	500	

Rear Skirt Sealing module selection (1 inch = 25.4 mm)									
Belt width	mm	600/650	750/800	1000	1200	1400	1600	1800	2000
Module length (HDR)	mm	450	600	750	900	1050	1200	1350	1500

Note

1. Duty conditions depends on capacity (tph), belt speed and material characteristics
2. All variants can be supplied with special anti-corrosive painting



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