

Skirt Sealing System



A frequently heard complaint regarding bulk transport on conveyor belts is that spillage and/or dust causes a great deal of nuisance. Therefore, the conveyor belt sealing is a crucial component of the installation. A well-known solution is to use lateral rubber strips as sealers. However, these strips only produce marginal improvements, as the strip could not be adjusted to match the belt profile. The current stringent requirements in the areas of safety and the environment, and the need for more efficient production mean that this type of sealing is no longer sufficient.

The sealing system does away with these disadvantages. It is very durable, easy to adjust, simple to install and easy to maintain.

Eliminates spillage at transfer points and reduces operational- and maintenance costs.

Consists of the following main components:

Backing plate

The easy to fit backing plates are permanently attached to the side walls and rear wall of the chute.

The standard version is zinc-plated.

Stainless steel is available on request.

Sealing blocks

The sealing blocks are manufactured from a special wear-resistant rubber. The elastic and wear resistant properties of this rubber are utilised to be full. Its softness (50₀-60₀ Shore A) means that there is no danger of belt cutting. The blocks can be taken out in a direction horizontal from the backing plate, thus requiring minimum space during installation or replacement.

Clamps

The serrated clamps ensure that the blocks can be adjusted downwards, but make any movement upwards impossible. The clamps also prevent the blocks being pushed off the backing plate by the lateral motion of the belt or the pressure of the material. The standard version is zinc-plated.

Stainless steel available on request.

The advantages point by point:

- Easy and fast installation.
- The rubber block, soft yet solid contact with the belt creates a perfect seal.
- The blocks can be quickly and easily adjusted.
- The blocks are easy to replace without having to remove the other blocks.
- The soft yet wear-resistant blocks do not cut into the belt, considerably increasing its life span.
- The special wear-resistant rubber guarantees an extremely long life span.

The HDS sealing system

Each HDS sealing system has a length of 1200 mm and consists of:

- 1 backing plate HD with a length of 1194 mm.
- 8 sealing blocks HDS, dimension 150mm x 200mm
- 8 serrated clamps including fasteners.

The LPS sealing system:

Each sealing system has a length of 1000 mm and consists of:

- 1 backing plate LP with a length of 994 mm
- 8 sealing blocks LPS dimension 125 x150 mm
- 8 serrated clamps LP including fasteners

The HDR sealing system

The HDR system is used for the sealing of the rear side of the chute.

It can be used in combination with HDS or LPS.

On site they will be cut in the shape of the belt by a sharp knife.

Each HDS sealing system has a length of 1200 mm and consists of:

- 1 backing plate HD with a length of 1194 mm.
- 8 sealing blocks HDR, dimension 150mm x 300mm
- 8 serrated clamps including fasteners.

The HDR sealing system



The HDS sealing system

