



FRIFLO Impact Bars



ProSpare



Belt damage caused by sharp objects. Increased belt wear and misalignment caused by trapped rollers. Spill and dust nuisance caused by an opening between the belt and seal due to sagging of the belt between the sets of rollers. These examples are common problems at the transfer points of conveyor belts. FRIFLO takes care of this.

FRIFLO absorbs the released fall energy, supports the conveyor belt and guides it with very limited friction.

FRIFLO reduces maintenance costs considerably and extends the life of the belt.



FRIFLO fit and forget

FRIFLO impact bars

FRIFLO impact bars absorb fall energy, support the conveyor belt under the transfer point and provide guidance with very low friction. FRIFLO does not have any moving parts and is easy to assemble.

The impact bar consists of the three following components that are connected to each other through hot vulcanization:

- A special rubber compound with a hardness of 60 Shore A, which absorbs fall energy when it is encountered;
- A top layer of very smooth UHMWPE (ultra high molecular weight polyethylene) with a friction coefficient of 0.1;
- A vulcanized aluminium profile for easy clamping of the impact bar.

The impact bar is attached on the support frame using the four clamps plates provided (they slide into the aluminium profile) and standard M16 bolts. These clamping plates have a much larger clamping surface than the commonly used T-bolts.

FRIFLO is available in two dimensions (LxWxH):

- 1300x100x55 mm;
- 1300x100x75 mm.

Key Features

- No moving parts;
- Prevents belt damage;
- Absorbs fall energy encountered;
- Quick and easy to install;
- Very low friction;
- Long service life;
- Significant reduction in maintenance and operating costs;
- In combination with SPILL-EX, forms an absolutely spill free overflow point.

FRIFLO impact beds

FRIFLO impact beds are easy to fit into any conveyor system. The dimensions conform to DIN 22107, but customised solutions can also be provided. The impact beds consist of four beams onto which the middle section is mounted and two removable side sections. The side sections are adjustable between 20 and 40 degrees. The unique locking system ensures that it is not necessary to lift the belt during assembly or disassembly of the impact bars. This not only saves time during installation of impact beds, but also during replacement.



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