

## DataSheet

# FRIFLO Impact Beds

FRIFLO impact beds solve problems created during the loading of conveyor belts. As material is transferred onto the belt the resulting loading forces and weight of material can cause material spillage, leading to downtime, manual handling and component failure. In extreme cases impact forces can even damage the conveyor belt and supporting rollers.

FRIFLO fully supports the belt along the length of the impact area, eliminating the potential for the belt to deflect during loading. This deflection causes the belt to move away from the skirting and create gaps for material spillage and dust emission. By providing a stable surface to seal against, the transfer point can be sealed far more effectively.



**Absorb fall energy during loading**

**Reduce damage to belt and structure**

**Reduce spillage and dust emission**

**Bars guide belt with minimal interference**

**Modular and custom frames available**

The impact bars used in our FRIFLO impact beds are comprised of a 10mm polyethylene top layer to reduce friction, a centre made of a special grade of rubber for greater energy absorption and an aluminium profile, which accepts clamping plates specifically designed to make maintenance quick and simple. Standard bar length of 1300mm and width of 100mm.

Our off-the-shelf, modular, galvanised steel frame can be used with belts up to 1000mm wide and covers many combinations of standard troughing angles and transome depths. This highly flexible system is available from stock for quick installation. For larger belts or non-standard applications, we can also provide customised frames to suit client requirements.



Supporting the belt



Triple layer impact bar



Improving belt sealing

