



MAXX ORB™

Impact Bar

Product Feature:

Conveyor belts are often damaged due to uneven and inadequate support to the belt at loading points. Impact idlers are often not equipped or designed properly, resulting in the following problems:

- Shortened belt life due to faster wear of cover
- Carcass deterioration due to poor load support at impact points leading to belt failure
- Heavy maintenance of impact idlers
- Spillage of material

To get rid of these problems Oriental has introduced a very simple to install and cost effective product "MAXX ORB". It offers spillage free, maintenance free operating conditions, impact support to the belt and thereby reduces cover wear & prevents puncture damage.

MAXX ORB is installed under the belt to form an antifriction slider bed covering the entire width of the belt. It provides support to the entire area of the loading point, reduces the damage caused by material landing between the idlers and thus reduces spillage of material. Moreover, since the bed rests stationary and has no moving parts, the associated problems of routine maintenance (as in the case of impact idlers) are also eliminated.

As a product MAXX ORB is a composite of the following three components:

- **Belt Contact Strip:** Specially designed Ultra High Molecular Weight Polyethylene based top layer offers low coefficient of friction.
- **Rubber Base:** An energy absorbing, specially designed, rubber layer.
- **Fixture:** An aluminium metal profile with T- Slot facilitates quick installation of Impact bar on metal structure using self locking T-Bolt size N16/48 or N12/48.

Benefits:

- Exceptional Wear and Impact resistance
- Reduces spillage and provides better work environment
- Faster and easy to install / replace with help of bolt mounting system
- Lowers maintenance cost because of stationary parts
- Online change helps to reduce stoppage in production
- Enhances life of conveyor belt

Product Characteristics:

Width of Impact Bar	: 100 mm
Height of Impact Bar	: 50 and 75 mm
Length of Impact Bar	: 1200mm & 1500mm standard; other lengths on request
Colour of PE Covers	: Blue, Orange & Green Standard
Edge	: With or without Ramp
Packing Available in	: On pallets

Matter of attention:

- Avoid use of MAXX ORB where point impact load is very high, like loading of heavy logs and big lumps

