



Conveyor Technology

**DUST & SPILLAGE FREE
CONVEYOR TECHNOLOGY**



ABSAM

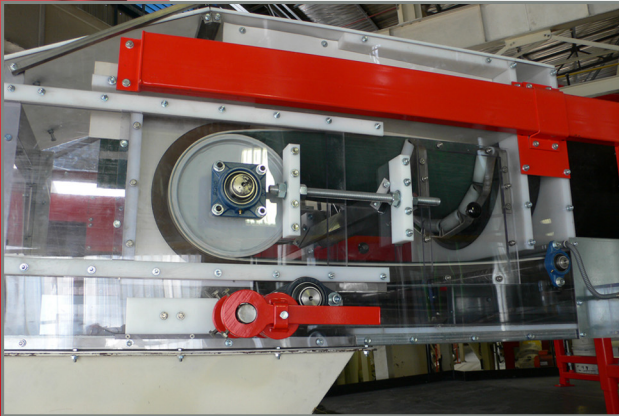
Fully enclosed belt conveyor,

- Our field of activity is for bulk material handling : chemicals, food industries, mining, pharmaceutical, hazardous, explosives and other free flowing products
- We provide engineering for complete conveying projects: fixed and - or mobile. Ship loading, truck unloading, customized units for trucks and freight car loading, silo extraction, and so on...
- Technology Born in 1972, more than 5 000 machines all over the world



The concept

- A belt is running inside a tube
- No idlers along the tube to support the belt
- Belt specially developed for deep trough
- Airflow generated by the movement of the belt to carry the dust along



high efficiency, reliable, economical and ecological

Advantages

- No product losses and no dust spillage
- Full protection for personnel and environment
- Capability to guarantee less than 1 mg of dust per meter cubic of air. Design for pressure tight units up to 600 mm (23,5 inch) of water column
- Mechanical parts are not in contact with the product and the dust
- Mean time between maintenance is highly reduced
- Belt very stable because centered by the tube with the product load
- No mechanical action on the material which is being conveyed
- Can handle highly abrasive products without any abnormal belt wear
- Performing with hygroscopic products
- Adapted design for corrosive products (use of plastics)
- Can handle product up to 200 C° (400 F°)
- Avoids any dust concentration and considerably reduces the risk of explosion
- Capability to run the conveyor under Nitrogen for explosion proof applications
- FDA approved for food and pharmaceutical industry
- Light weight design allowing long distances between supports, significantly reducing installation costs
- High capacity conveyors, existing design up to 3 000 T/h





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