



DLS 5000 dry lubrication system for plastic conveyor belts in the food industry

Filling plants with conveyor chains made of plastic are used to a large extent in the food industry. They are used wherever fruit juice and milk packaging, beverage cans, beverage crates or PET bottles are transported during the production and filling process. In order to minimise friction at the sides of the chain links and to ensure the flow of goods, these are constantly lubricated with aqueous soap or silicone solutions.

The consumption costs of the water and the disposal costs of the waste water are considerable. In addition, the water mixture forms a nutrient medium for bacteria. Wet and therefore dangerously slippery floors in the production area cannot be avoided. An explosive mixture, which causes many different problems.

Do you want to achieve the following goals?:

- dry, clean floors in the production area; no lubricant/water mixture dripping onto conveyor belts from belts positioned above
- an increase in the efficiency of your filling lines
- avoidance of brushes or spray systems that contaminate breathing air for the application of a wet lubricant
- no penetration of lubricant/water mixtures into soaked bases of cardboard packaging
- improvement of the hygiene standard with regard to bacterial growth
- use of highly developed, reliable and economical technology for dry lubrication

We offer you:

- a 100% dry working environment
- minimal lubricant consumption
- high line efficiency through the optimal adjustment of the lubricating film
- our best available technology for high-speed lines
- a practically maintenance-free lubrication system
- extended service life of your conveyor chains
- a five-year spare part warranty on all system components
- cost savings of 50 to 90% compared to conventional wet lubrication

Our dry lubrication system improves hygiene and optimises the transport process, thus increasing your competitiveness. Further information are available online or do not hesitate to call us.