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MAGAZINE

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# TIMES HAVE CHANGED.

## HAS YOUR LUBRICATION PROGRAMME KEPT UP?

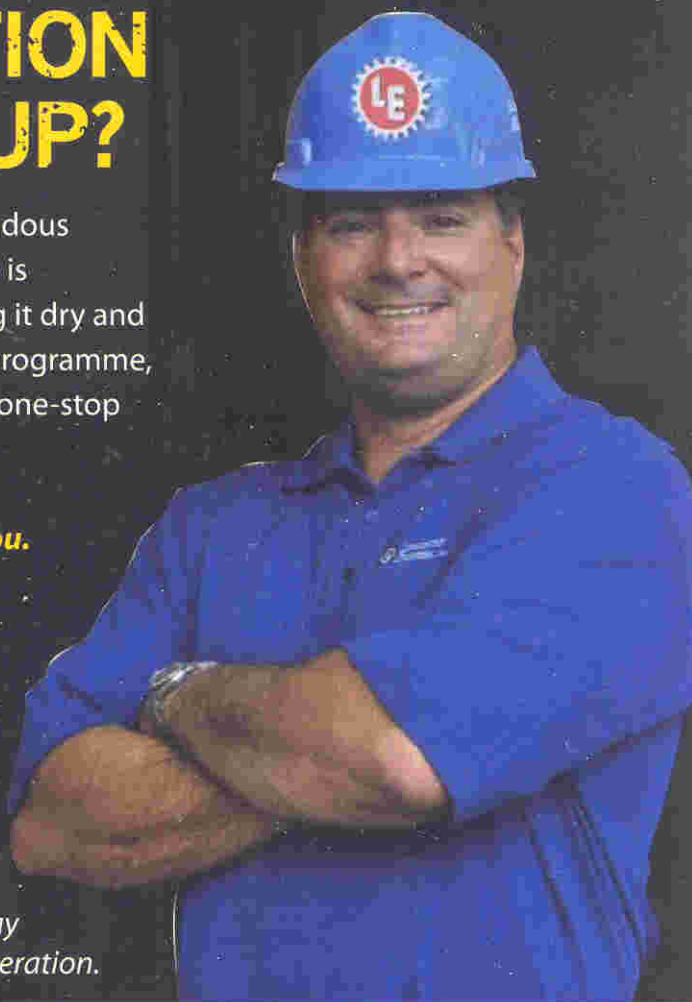
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U.S. General Sales Manager

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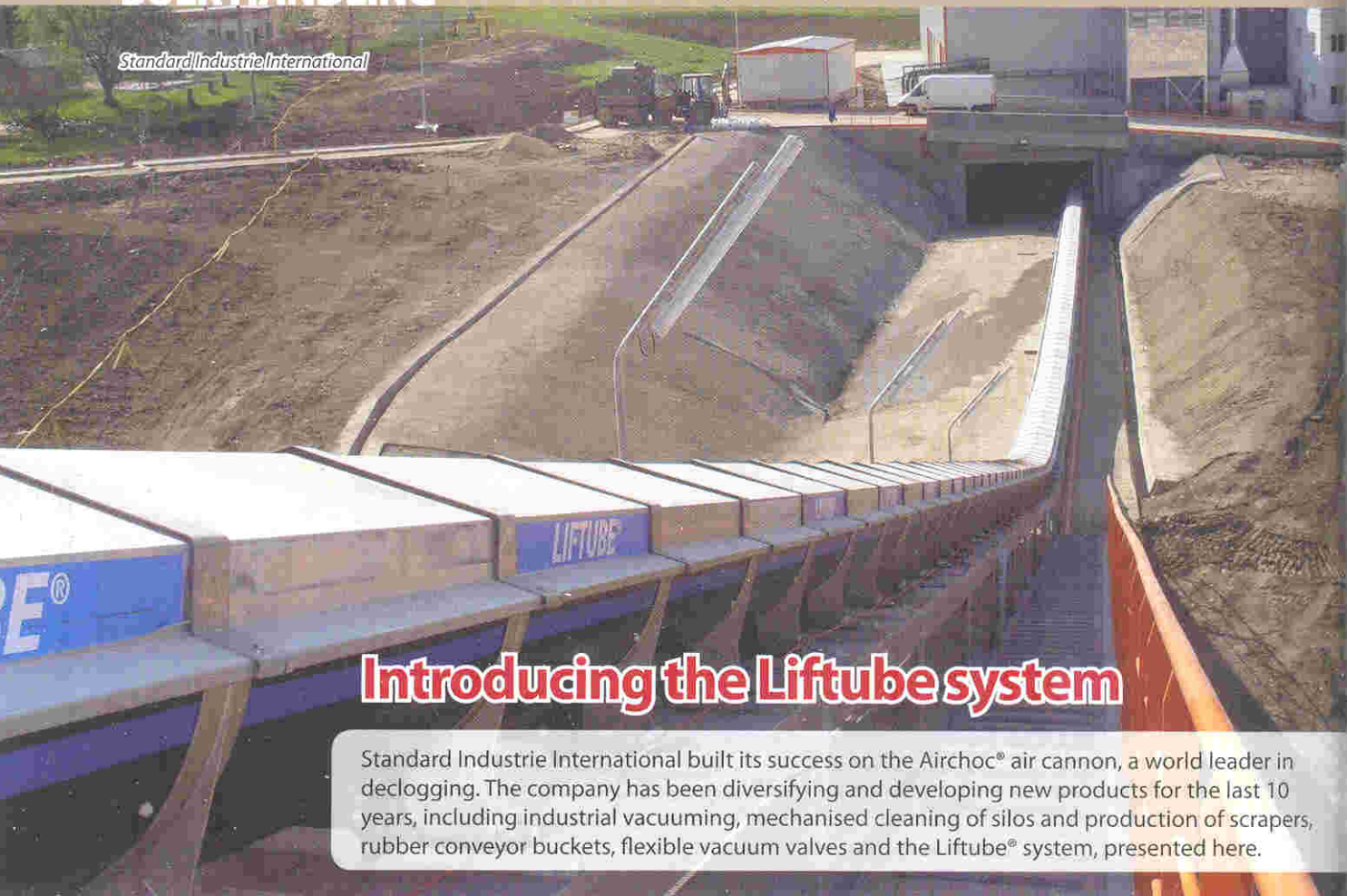


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## Introducing the Liftube system

Standard Industrie International built its success on the Airchoc® air cannon, a world leader in declogging. The company has been diversifying and developing new products for the last 10 years, including industrial vacuuming, mechanised cleaning of silos and production of scrapers, rubber conveyor buckets, flexible vacuum valves and the Liftube® system, presented here.

**Above:** The Liftube system installed by Standard Industrie International at an Electrabel plant in The Netherlands.

Liftube is a modular system that optimises the sealing of any existing conveyor belt, whatever the width, length or material, between the loading point and the unloading point. Instead of being in contact with idlers, the belt slides on a single central idler roller that is set up between lateral glideboards. Both idler roller and glideboards are tiltable to allow easy access when needed. A removable hood can be set up on top to ensure the reduction of airborne dust from the conveyor.

The components are standard and the dimensions of the central idler and hood only vary with the width of the conveyor belt. In addition, a patented system of tilting glideboards and idlers allows much simpler and safer maintenance and far less cleaning. This system, made of standard, adaptable, evolutive components, can be set up on existing or new installations.

### Advantages of Liftube

Traditional systems have drawbacks:

- Spillages give rise to loss of product,
- Flaps wear out,
- Belts wear out,
- Pinch points cause safety issues,
- Maintenance is time-consuming.

Conversely the Liftube system offers quick payback on initial investment and its glideboards and tilting roller system allow for a drastic reduction in maintenance. It also has a two-year warranty and

offers protection of pinch points that conform to European norms.

The hood and lateral curtains provide a drastic reduction of airborne dust between loading and unloading that conforms to ISO 14001 and reduction of loss of materials. The product is totally protected and no material contamination is possible. The belt also has longer life-expectancy and Liftube can be adapted to suit every existing type of conveyor thanks to its standard, adaptable and evolutionary components.

By reducing the loss of product, the cost of cleaning is also reduced. Moreover, the Liftube system reduces the cost of maintenance, meaning that the payback period is generally less than 18 months.

### Capabilities

The Liftube system allows for the transfer of fine grade bulk products such as cement and lime, as well as coarser materials such as coal, limestone, clinker and alternative fuels. It can also handle abrasive materials such as aluminium oxide, manganese, chrome and silica.

### Belt scrapers

In line with the Liftube system, Standard Industrie also supplies a range of accessories for conveyor belts, including belt scrapers and apparatus for pinch-point protection. There are two types of belt scrapers, namely modular front cleaners and secondary belt cleaners.

Three types of blades can be used depending on the product being handled. Carbide or ceramic blades are