



## HIGH PERFORMANCE LUBRICATION

### DRY LUBRICATION SYSTEM FOR TRANSPORTERS IN THE FOOD AND BEVERAGE INDUSTRY

To optimize the overall performance of your filling line, LOEHRKE can already assure you a dry lubrication system of tomorrow.

One of our innovations is the HIGH PERFORMANCE LUBRICATION (HPL) - a combination of the state of the art ULTRA-DRY belt lubrication technology plus a combination of the established EXTRA-DRY and/or SEMI-DRY systems with an app controlled possibility to enter individual spraying time.

The concept is to use ULTRA-DRY nozzles where they are needed most: In the critical areas of a line like the decollating belts. The EXTRA-/SEMI-DRY-lubrication is developed for the uncritical areas of the lines. In addition to optimizing the overall performance of the filling line, the absence of fresh water is another major advantage. For this, transporters and floors remain dry, microbiological growth is minimized and work safety is improved. Sustainably and individually, each HPL concept is adapted to your filling line and requirements. Flexible with a view to the trends of bottle shapes and the development of filling lines and conveyors.



### BENEFITS

- Exact controllable via app
- Protects resource
- Extremely low consumption
- Increased working safety
- No aerosol formation
- Improved hygiene situation
- Higher total operating performance

### CHARACTERISTICS

- Developed for state-of-the-art filling lines
- High flexibility of application volumes
- High pulse frequency, full spray pattern
- Extremely low consumption
- No use of fresh water
- Dry conveyor belt system and floors

### TECHNICAL DATA

#### Lubrication:

Consumption: from 0,00005 ml per dosing point  
Dosing period to extend of 5 ms

#### Air:

Entrance air: 10 mm  
Min admission pressure: 4 bar

#### Electro:

Valve control with 24 V  
Communication: Profibus / Ethernet

#### Materials:

Material: 1.4301/1.4404  
Seal: FKM / EPDM

