

OPTIMAL STABILITY FOR CONTAINERS ON THE **CONVEYOR BELT**

NO **MICROBIAL CONTAMINATION** **EXTREME FLEXIBILITY, ACCURACY AND SPEED OF CALIBRATION OF THE DOSES**

QUICK AND EASY CONVEYOR BELT WASHING

INCREASED SAFETY FOR OPERATORS





MAXIMUM EFFICIENCY AND SAFETY WITH AEB ENGINEERING TECHNOLOGIES

Lubimatic systems are made by our AEB **ENGINEERING** division which, thanks to 100% in-house and on-site production, guarantees the highest quality and reliability for AEB technologies. AEB ENGINEERING is unique in that it provides constant support from our technicians, both during installation and aftersales. For an unparalleled service that is flexible and tailored to the customer needs.



The Lubimatic line consists of specially designed systems for the correct lubrication of conveyor belts, used in food industries for packaging liquid products, whether they are glass bottles, plastic containers, steel, aluminium or bonded materials. Keeping conveyor belts lubricated helps achieve many benefits, such as optimal stability of bottles and lower electricity and water consumption.

The pneumatic-style spray system, which characterises the Lubimatic models, is an innovative type of distribution and supply of the lubricant.



Lubimatic Control Dry



Lubimatic Control Dry Eco



Lubimatic Multi Fu



THE IMPORTANCE OF CORRECT LUBRICATION OF CONVEYOR BELTS

At most Food & Beverage sector companies, the packaging phase is done on conveyor belts consisting of a series of meshes made from plastic or metal, connected by joints that allow them to be flexible and slide along runners, which are now almost exclusively made from plastic.

It has been shown that a lack of lubrication on conveyor belts has a definite effect on a companies' energy efficiency, which, on average, accounts for 2%* of a company's operating costs and potentialy 28%* in the event of poor lubrication.

It is therefore essential to lubricate conveyor belts properly because, alongside reducing electricity consumption, it ensures greater stability for containers on the conveyor belt and even greater accuracy and speed for the calibration of the doses.

*The costs indicated above refer to the use of "second-generation" lubricants (made from amines).

DRY LUBRICATION WITH LUBIMATIC CONTROL DRY



There are many benefits of dry lubrication:

- Optimal stability of the containers on the conveyor belt;
- Minimising the consumption of lubricants and COD due to these components;
- Increased safety for operators;
- No microbial contamination;
- Extreme flexibility, accuracy and speed of calibration of the doses.

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THREE LUBIMATIC MODELS ARE AVAILABLE:

MODEL	TYPE OF LUBRICATION	MANAGEABLE SYSTEMS	DIMENSIONS HXLXD (CM)
LUBIMATIC CONTROL DRY 5 ZONE	Dry	Large systems (up to 80 lubrication stations)	155X50X36
LUBIMATIC CONTROL DRY ECO*	Dry	Small systems (up to 15 lubrication stations)	30X39X20
LUBIMATIC MULTI FU	Dilution	Large systems (up to 80 lubrication stations)	200X60X50

^{*} The ECO version is fitted with just one area and can handle up to a maximum of 15 stations thanks to a timer for managing processing and break times.

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THE EXCLUSIVE NEW LUBIMATIC MULTI FU

Lubimatic Multi FU lets you select an automatic washing cycle that mixes the detergent and cleans the conveyor belt (separately from the lubricant suction). All this uses the same pneumatic lubrication system in order to wash both the system and the conveyor belts in one single operation. This fast and effective system allows you to have a system that is always clean, taking advantage of the short periods of format change.





MAIN COMPONENTS

ELECTRIC SWITCHBOARD

Fitted with a PLC to manage processing and break times in each area, as well as a master control switch, an alarm and reset button, a test button and a line warning light, and an alarm siren if there is no air or product.

PNEUMATIC CIRCUIT

Formed of a pneumatic pump, a product suction line with a warning if there is no product, a reducing filter and solenoid valves to manage the supply of the lubricant.

UTILITIES

Or inputs and outputs for the air, the suction and the output for the lubricant, the earth 3P+ plug (for Control Dry models) and the earth 2P+ plug (for the Multi FU).

The control unit is combined with anti-drip pneumatic lubrication stations with a standard flow rate of 200 cc/min for the Lubimatic Control Dry and 130 cc/min for the Lubimatic Multi FU. With the Lubimatic Multi FU, you can also create a log of the formats used with automatic pairing of the supply/break times for each area.

RECOMMENDED PRODUCTS



SINTODRY



LUBISAN SUPER VET



LUBISAN SUPER DRY