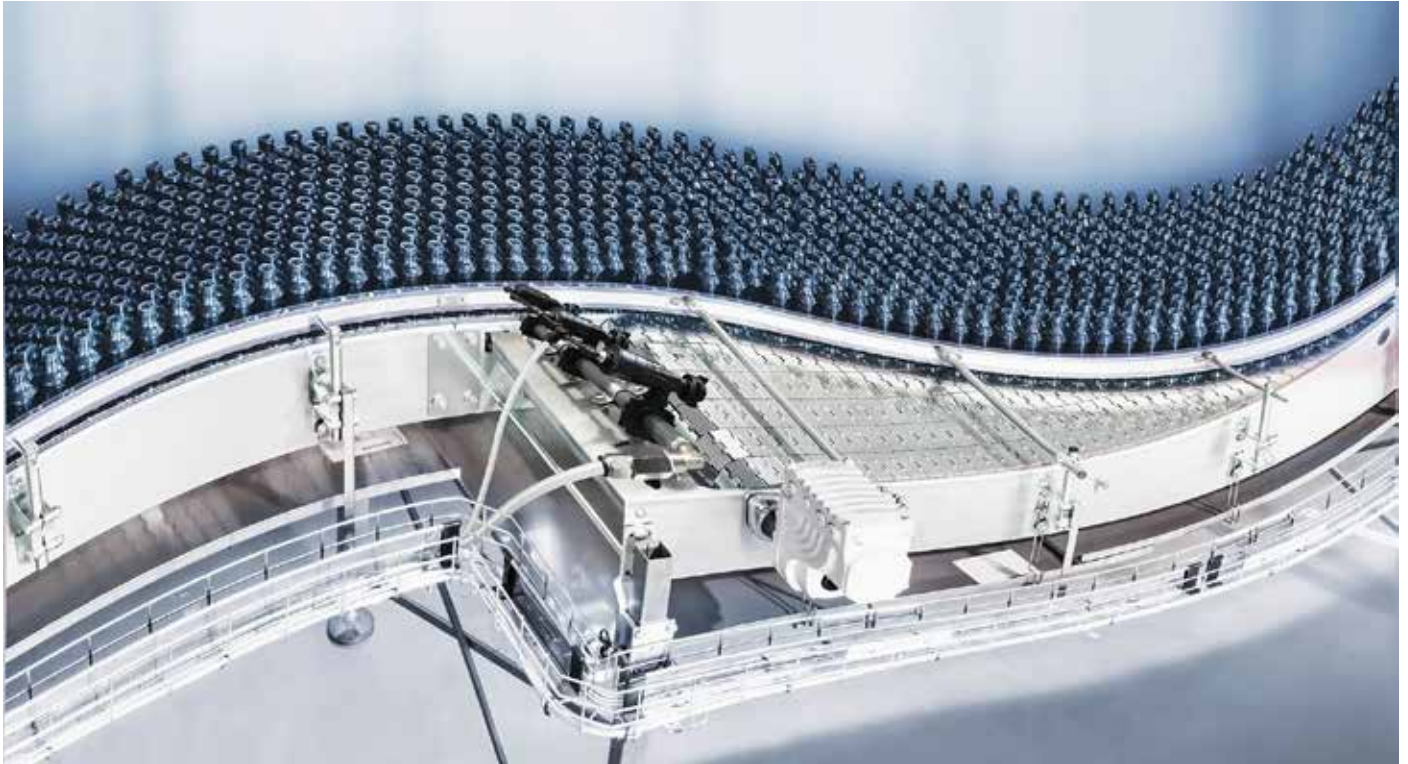


# LUBIMATIC CONTROL DRY

## Dry lubrication system of conveyor belts in plastic material



The liquid products packaging requires, before and after the filling, the transport of containers (glass bottles, plastic, steel, aluminium or polycoupled containers) on conveyor belts. The conveyor belts consist of a set of metal or plastic meshes, joined by hinges which allow flexibility. Nowadays, they slide on guides, mostly made of plastic material.



### THE IMPORTANCE OF A PROPER LUBRICATION OF CONVEYOR BELTS

**2%\*** AVERAGE INCIDENCE OF THE SYSTEM ON THE OPERATIONAL COSTS OF THE COMPANY

**28%\*** AVERAGE INCIDENCE OF COSTS LINKED TO INCORRECT LUBRICATION

\* THE ABOVE EXPENSE VALUES REFER TO THE UTILIZATION OF "SECOND GENERATION" LUBRICANTS (AMINE-BASED).

### WHY SHOULD WE CHOOSE THE DRY LUBRICATION?

OPTIMAL STABILITY OF CONTAINERS ON CONVEYOR BELTS

AVERAGE REDUCTION IN WATER AND ELECTRICITY CONSUMPTION BY 40-50%

INCREASED SAFETY FOR OPERATORS

NO MICROBIAL CONTAMINATION

EXTREME FLEXIBILITY, PRECISION AND DOSAGE CALIBRATION SPEED

THE DRY LUBRICATION SYSTEM IS THE MOST USED BY BOTTLING COMPANIES

### THE PNEUMATIC SPRAYING SYSTEM

For this range of equipment, **AEB** has developed a **pneumatic spraying system**, a revolutionary type of lubricant distribution and supply, innovating what already existing on the market.



## THE MAIN COMPONENTS

Lubimatic Control Dry consists of:

- 1 Electrical panel**, equipped with a PLC for the management of processing times and pause of each zone, a main switch, alarm and reset button, test button and dial indicator, alarm siren in the case of lack of air or product.
- 2 Pneumatic circuit**, composed of air pump, product suction line with a float to indicate the lack of product, filter regulator and solenoid valves to manage the lubricant supply.
- 3 Lines**, that is air inputs and outputs, lubricant inlet and outlet, plug 3P + earth.

The control unit must be coupled to the **dripless pneumatic lubrication nozzles**, with a standard flow rate of 200 cc/min.



Lubimatic Control Dry



Lubimatic Control Dry Eco

Lubimatic Control Dry allows to simultaneously serve **up to 80 lubrication nozzles**.

MODELS	MANAGEABLE PLANTS	DIMENSIONS HXLXD (CM)
LUBIMATIC CONTROL DRY 5 ZONES	LARGE-SIZED PLANTS	155X50X36
LUBIMATIC CONTROL DRY ECO*	SMALL-SIZED PLANTS	30X39X20

*\*The ECO version is equipped with just one zone and can handle up to a maximum of 15 nozzles, thanks to a timer for the process and pause management.*

AEB recommends the lubricant SINTODRY to be used in combination with the equipment of the range Lubimatic Control Dry.

FORMULATION	DESCRIPTION	CHARACTERISTICS	APPLICATION FIELD	MODALITIES OF UTILIZATION
SINTODRY	POLYSILOXAN E-BASED LUBRICANT	<ul style="list-style-type: none"><li>• INSENSIBLE TO THE WATER HARDNESS</li><li>• EXCELLENT LUBRICANT ACTIVITY</li></ul>	<ul style="list-style-type: none"><li>• PLASTIC (PET) CONTAINERS</li><li>• POLYCOUPLED CARDBOARD (SUCH AS TETRA) FOR LIQUIDS, GLASS AND CANS</li></ul>	NO DILUTION, WITH THE UTILIZATION OF HIGH PRECISION CENTRALIZED SYSTEMS (LUBIMATIC CONTROL DRY)