



LUBRI-SEC LOGO DOSING SYSTEM

DESIGNED FOR WATER FREE LUBRICATION

FOR PLASTIC AND STAINLESS STEEL CONVEYORS
IN THE FOOD AND PHARMACEUTICAL INDUSTRIES



LUBRI-SEC LOGO

Operating principle and description of the components

In-line dosing of the product, as is, by a volumetric air pump which feeds the sprayer groups, whether they are single or multiple collectors, at a pressure of 3 bar to the groups of sprayers, whether they are single or multiple collectors. To each of the sectors is applied a solenoid valve combined to the pause-work timers positioned in line. Alternatively the electrovalves can be controlled directly from the customer's P.L.C.

The distribution lasts only a few seconds and the pause from 1 to 4 hours depending on the requirements of the conveyor requirements. The operation will occur only when the conveyor is in motion.

Points of use n.180 approx (with flow rates of 3,0 l/h each)

Pump capacity: 600 l/h (standard system)



Legend of components

- 1) Frame, supporting the stainless steel panel with cover
- 2) Control panel: Power supply 220V - Absorption 100W
- 3) Air supply with adjustment filter
- 4) Pump control solenoid valve 24VAC - 3.5 VA
- 5) Pneumatic dosing pump
- 6) Pressure relief solenoid valve
- 7) 3-way 1/4" Inox solenoid valve complete with pressure reducer for dividing lines into sectors
- 8) Product outlet to dispensers
- 9) Stainless steel panel dimensions = 700 x 500 x 235 mm
- 10) Alarm signal lamp

