

Filling Machine for Multi-Format Jars/Cans/Tins Linear with PLC - Mod. LNDOS

Filling machine usually run by a single operator boxing jars/cans/tins and filling the feeder with empty jars/cans/tins.



Fully automatic machine with **electro-pneumatic operation**, for **maximum production performance** and **on-board diagnostics**.

Compact and **streamlined** machine, **moveable** in case of need, for filling **high-viscosity products** (putties, pastes, mastics, glues, pastes for dental impressions, etc.) in **multi-format cylindrical or conical jars/cans/tins**.

- **PLC and touch screen 7" display** Siemens or, on request, Allen Bradley, Omron, or ASEM with **remote control system for assistance** from our office.
- **Modular length frame** according to the number of selected workstations.
- **Advancement** of the **jars/cans/tins** by means of a beam with **step-by-step pushers** (also called "walking beam conveyor"), with **step length adjustable** via touch screen display to adapt to the diameters of each jar/can/tin so that they are always centered under each station.
- Possibility of a **rotating table** for feeding empty jars/cans/tins with **standard diameter of 1000 mm**, or **other diameters** on request.
- **Easily adaptable to jars/cans/tins of different diameters and heights** with very easy change change-over.
- Filling of the jars/cans/tins through a **volumetric dosing unit** (also available **for abrasive products**), manually (or electrically as option on request) **adjustable from 0 to 1000 ml**, or from **0 to 2000 ml** depending on the size of the jars/cans/tins to be filled, **with mechanical mushroom valve** for cutting the product and, on request, **air blow cut**.
- **Dosing unit adjustable in height** manually or electrically.
- **Can presence control** in the filling station (no can = no dosing).
- **Suction-cup separator of the caps** with **docking station** for the vertical stack of **lids** (for pile-up lids only).
- **Small press for lids adjustable** in height for the **perfect capping** of each jar/can/tin size.
- **Production capacity: up to 15 jars/cans/tins per minute**, depending on the product viscosity and the volume of the can.

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Optional

- **Rotating table** or **motorized belt** on the output for collecting the filled jars/cans/tins.
- **Electrical adjustment of the volume and height of the dosing system** via touch screen display.
- **Weight control scale** with load cells **that communicates with the PLC and system for discarding jars/cans/tins with out-of-tolerance weight.**
- **Volumetric feedback after weight control** with **automatic recovery** of the correct weight in case 2 or 3 cans prove to be off weight.
- **Automatic lidding** by pressing or screwing.
- Internet Modem for **remote assistance.**
- **Version with two in-line dosing systems** for bi-component products.

