

Lubricant Grease Automatic Vertical Cartridges Filling Machines

Totally automatic vertical filling machines, with single, double or triple head depending on the required production speed.



For filling lubricant greases in 400 grams cartridges provided with caps (euro-cartridges), or in cartridges with plunger or Lube Shuttle types.

- **Automatic feeding** of cartridges and caps by means of loading hoppers on the ground for **easy loading** by the operator.
- **Automatic loader** of **empty cartridges** and automatic loader of **caps**, with the discarding of badly oriented cartridges and caps.
- **Vertical volumetric dosing system** with **single, double or triple** head (depending on the required production speed).
- **Adjustable volume with range** depending on the size of the cartridge.
- Parts in contact with the product made of **carbon steel** or **stainless steel**.
- **3-way valve** of the rotor + stator (cube) type, for a **practical disassembly and reassembly** (separate cartridges conduits in the double and triple versions).
- Vertical filling of the cartridge for **maximum flexibility** in filling products of **any viscosity**, from liquid to high viscosity, having millions of cP/mPa.
- Filling of the cartridge from the bottom upwards, with **controlled lowering device to avoid the formation of air bubbles** during filling.
- **Product mushroom cut-off valve**, with anti-drop profile.
- **Capping system** with **automatic positioning** of the cap on the cartridge, or of the plunger in the cartridge and **pressing with total evacuation of the air** between plunger and product.
- **Station for the ejection** of the filled and capped cartridge in horizontal position.
- **PLC and touch screen 7" display** Siemens or, on request, Allen Bradley, Omron, or ASEM with **remote control system for assistance/service** from our office.
- The machine **can be completed with a semi-automatic packing unit** for boxing the cartridges.