

Volumetric Semi-Automatic Dosing System for Filling Products in Cartridges and small or large Tubes

For filling products of any viscosity in cartridges and small and large tubes.



Nannini Renato Machinery designs and manufactures a wide range of volumetric vertical semi-automatic dosing systems for filling in cartridges (or in small and large tubes) products of any viscosity (very high viscosity included).

- **Continuously adjustable volume** with range depending on the tube size.
- Parts in contact with the product made of **carbon steel** or **stainless steel**.
- 3-way valve of the rotor + stator (cube) type for frequent and **practical disassembly and reassembly**.
- Vertical filling of the tube for maximum **flexibility in filling** products of any viscosity, from liquid to very highly viscous, having millions of cP/mPa.
- Filling of the tube from the bottom upwards, with **controlled lowering** to **avoid the formation of air bubbles** during filling.
- **Product cut valve** in rubber with suction rod for high-viscosity products, or mechanical mushroom valve for low viscosity products.
- **Dosing start chosen** by the customer or dependent on the type of container: via pedal, or automatically by means of micro-switch detecting the presence of the cartridge in the correct position to start the filling operation.
- **Brackets for mounting the dosing system** on the side of the press that feeds it, or self-standing support to make the dosing system independent and movable.
- Versions available to **fill any product into any format** of cartridge, tube or bottle.
- Version with **integrated workbench** and with **automatic lifting and lowering** of the cartridge during the filling process.
- On request, **nitrogen spraying station**.