

Double Drums Filling Machine Mod. RF200D

Drum filling machine with double filling unit.



For filling in commercial 200 liter drums (or containers of different capacity) high-viscosity materials such as silicone, acrylic, polyurethane, etc.

The filling machine mod. RF200D **fills volumetrically at level** 200 liter commercial drums (on request, also containers of different capacity) with high/very high-viscosity products **avoiding trapping air bubbles in the product** during filling.

The machine prevents the formation of air bubbles because it **fills the drum from the bottom, going progressively upwards** while filling the container.

The product **comes out under the pressing disc** leveling off under the pressure of the same, which also helps to **expel any air bubbles already present** in the product.

The machine stops automatically closing the product cut-off ball valve **when the desired drum filling level is reached**. The level can be **adjusted** at will.

On request, it is possible can have a **filling kit** also for **20-25 liter pails/buckets**.

This model is characterized by being **provided with a double filling unit**, to be able to start filling the second drum when the first drum is full.

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- **Strong welded frame**, to be bolted to the floor, **with two columns, each one provided with its own independent unit** for filling each drum.
- **Two head support carts and filling pipe**, with vertical sliding on linear bearings.
- **Drum centering device** under the filling disk.
- Standard 3" DN80 **product passage hose**, fixed to the ball valve with **quick couplings** for **quick disassembly and cleaning**.
- Standard 3" DN80 **ball valve** (not always necessary with products with a higher viscosity) fixed with quick couplings between the product pipe and the filling disk, with **pneumatic actuator** for the opening controlled manually from the control panel and for automatically closing when the drum is totally filled.
- **Filling disc** with rounded edges to avoid damaging the possible nylon or aluminum bag inside the drum.
- On request, **microperforated filling disk for the air suction system** in order to keep in place a plastic sheet to be put on the product at the end of filling.
- **Two vertical pneumatic cylinders** for the handling on linear bearings of the carts with the filling heads, fitted with a **safety valve** to prevent its unintended descent.
- **The pressure** of the filling unit on product is **adjustable**, in order to work with different viscosity products.
- It is possible to **set an aiding upward back pressure of the filling unit**, so as to **adjust the weight on the product according to its viscosity**, preventing it from going over the filling disk.
- If connected to one of our presses/extruders, it's integrated our **communication system that starts and stops the press** when the drum is empty or full.
- **Control panel** for **starting-stopping opening-closing** the ball valve and **for setting** the pressure of the **filling unit on the product**.
- On request, **load cell scale** to **display the weight of the container**.
- On request, standard 3" DN80 hose fitted with **quick couplings for the connection of the machine to the press** feeding the product.

