

Drum Filling Machine - Fixed Mod. RF200F

Single-head drum filling machine to be fixed to the floor and, optionally, with rotatable frame.



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. RF200F **fills volumetrically at level** commercial 200 liter 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 filling plate** 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 filling level** of the drum is **reached**. The level can be **adjusted** at will.

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

This model is characterized by the **fixed frame to be bolted to the floor** and its **bearing column** can also be **rotatable** to **quickly fill the second drum without waiting for the drum change over operation**.

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- **Strong welded frame** with central column to be bolted to the floor.
- **Support cart** for the head and **filling pipe**, with vertical sliding on linear bearings.
- On request, **rotatable frame** to **immediately start the filling cycle in the second drum** without waiting for the drum change over operation.
- **Drum centering device** under the filling disk.
- Standard 3" DN80 **product passage hose**, fixed to the filling disk or 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.
- **Vertical pneumatic cylinder** for moving on linear bearings the cart with the filling head, fitted with a **safety valve** to prevent its unintended descent.
- **The pressure** of the product filling unit is **adjustable**, in order to work with products of different viscosity.
- It is possible to **set an aiding upward counter-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 to **adjust the pressure of the filling unit** on the product.
- On request, **load cell scale** to **display the weight of the container**.
- On request, the 3" DN80 standard hose fitted with **quick couplings for the connection of the machine to the extruder/press** feeding the product.
- **Totally pneumatic supply**, no electrical connection required.

