

Fully-automatic Gravimetric Filling Machines for Pails and Buckets - Mod. LN-DG100P

For filling pails and buckets of any size.



Nannini Renato Machinery designs and manufactures fully-automatic filling machines for the gravimetric filling of low-viscosity products such as paints, resins, thinners, etc.

- Fully-automatic filling machine provided with **load cells scale and control panel** for setting the job characteristics (weights, “flying” level, etc.).
- **The scale communicates** with the product mushroom cut-off valve with active phase in two stages:
 1. complete opening of the product outlet valve for **fast filling**;
 2. when the weight is almost reached, the product outlet valve closes partially for the “finishing” phase, thus obtaining **maximum weight accuracy**.
- Both the total opening section and the partial opening section of the product outlet valve are **adjustable**.
- The start of the weight “finishing” phase **can be set by the user** from the control panel.
- On request, the product outlet valve can be equipped with a perforated **antifoam disk** and/or **conical outlet nozzles** with a tubular pipe end.
- **Storable recipes** on the control panel with **Siemens PLC and HMI touch screen**.
- **Motorized roller conveyor** with automatic moving of the containers to any working station.
- Recommended **for containers of more than 3 kg and 160 mm diameter**, up to a weight on request.
- Version with **automatic feeding of empty containers**.
- Version with **lids storage and automatic lid placement** on the container.
- Version with **press** for the **lidding** of containers with snap lids.
- Version with **crimping head** for metal buckets provided with metal crimp lid.
- Version with output **roller conveyor for collecting of filled pails/buckets** (also motorized on request).
- **0.5 or 1 filling valves for greater accuracy**, or **3** for faster filling in large containers, or **standard 2 the most widely used**.