

Reliable Productivity and Safety in Filling Machines

EL1-B

COMPACT SERIES

AUTOMATIC FILLING MACHINE FOR ISO DRUMS FROM 60L TO 220 L INTEGRATED IN AN AUTOMATIC CONVEYING LINE

Automatic filling machine **EL1-B** from AiCROV's **Compact Series**.

Filling machine for filling liquid and viscous products in ISO drums from 60 liters to 220 liters completely automatically and safely for the operator, integrated in an automatic conveying line.

Benefits:

- ✓ Fully automatic filling at double flow with automatic tare in each cycle.
- ✓ Quick and simple set up and configuration.
- ✓ Fully automatic filling quality control at the end of each filling cycle to ensure that the required tolerances are fulfilled.
- ✓ Quick and simple installation and commissioning.
- ✓ Possibility of manufacturing in stainless steel and with special surface treatments for aggressive products and environments.
- ✓ Version for foaming, flammable, explosive and / or corrosive products.
- ✓ Customer's conveyor line tailor made designed.



EQUIPMENT CONFIGURATION AND OPERATION

1. Set up the filling recipe on the operator panel with the weight to be filled, the fine adjustment and the filling mode (by immersion, under bung hole or over bung hole). The operator panel can store the recipes for different products, so it is only necessary to enter them the first time.
2. Adjust the height of the filling head manually and without tools to adapt it to the height of the container to be filled.
3. Place the drums on the infeed conveyor, which will automatically move them to the filler. When the drums reach the filler, align the container bung hole with the filling nozzle and press the start button to start the fully automatic filling cycle.
4. When the filling cycle is complete, press the evacuate button to take out the drum automatically.
5. Repeat points 3 to 4 as many times as containers you need to fill.

TECHNICAL SPECIFICATIONS

Approximate nominal production	65 drums/hour (220 liters)
Approximate weight	400Kg
Weight scale resolution	3.000 divisions: 100gr (standard) 6.000 divisions: 50gr (optional)
Power	Electrical: 240 VAC, 50-60Hz, <1Kw Pneumatic: 6Bar, 40 NI/cycle approx.
Room temperature	5-35°C (out of this range on request)
Product temperature	0-130°C (out of this range on request)

AVAILABLE ACCESSORIES

- ✓ Gas hood with anti-drip system.
- ✓ Product hose support system.
- ✓ Proportional filling control.
- ✓ Product feed pump control.
- ✓ Communication with plant.
- ✓ Nitrogen purging.
- ✓ Internal and external cleaning system for the filling nozzles.
- ✓ Integrated flushing system.
- ✓ Coding of filling nozzles for incompatible products.
- ✓ Rack for filling nozzles storage.
- ✓ Data storage at AiCROV's DB.
- ✓ Overfill detection.
- ✓ Remote device access module.
- ✓ Manual grounding system for containers.
- ✓ In/Out conveyors.
- ✓ Pneumatic debunging, bunging and sealing tools.