

Reliable Productivity and Safety in Filling Machines

EL2-B

ADVANCED SERIES

AUTOMATIC FILLING AND CAPPING MACHINE FOR 220 L ISO DRUMS INTEGRATED IN AN AUTOMATIC CONVEYING LINE

Fully automatic filling machine **EL2-B** from **AiCROV's Advanced Series**. A fully automatic filler for filling liquid and viscous products in 220 liters ISO drums completely automatically and safely for the operator, integrated in an automatic conveying line. It can also include the automatic debunging, bunging and sealing of the drums.

Benefits:

- ✓ Fully automatic filling at double flow with automatic tare in each cycle. Automatic bunging with adjustable torque available. Automatic sealing available.
- ✓ 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.
- ✓ Modular and expandable configuration.
- ✓ 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.
- ✓ Easily integrable with other equipment such as labellers, palletizers...



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. Place the drums on the infeed conveyor, which will automatically move them to the filler. When the drums reach the filler, they will pass through all its stations for the correct positioning of the bung hole, debunging, filling and finally bunging and sealing. The entire operation is performed completely automatically.
3. The operator should only worry about loading empty drums and unloading those that are already finished.

TECHNICAL SPECIFICATIONS

Approximate nominal production	60 drums/hour (EL2-B-4 – With 1 filling station)
	100 drums/hour (EL2-B-4 – With 2 filling stations)
	120 drums/hour (EL2-B-6 – With 2 filling stations)
Approximate weight	To 3.500Kg
Weight scale resolution	3.000 divisions: 100gr (standard) 6.000 divisions: 50gr (optional)
Power	Electrical: 3x380 VAC, 50-60Hz, <10Kw Pneumatic: 6Bar, to 400 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)
Movie	https://www.youtube.com/watch?v=tqQyjPCwGqM&t=0s (100 drums/h) https://www.youtube.com/watch?v=Y55qiNI9eQ&t=0s (120 drums/h)

AVAILABLE ACCESORIES

- ✓ Gas hood with anti-drip system.
- ✓ Product hose support system.
- ✓ Proportional filling control.
- ✓ Product feed pump control.
- ✓ Communication with plant.
- ✓ Internal and external cleaning system of 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.
- ✓ Automatic grounding system for containers.
- ✓ In/Out conveyors.
- ✓ Nitrogen purging.