

Reliable Productivity and Safety in Filling Machines

## SP2 COMPACT SERIES

### AUTOMATIC FILLING MACHINE FOR PALLETISED CONTAINERS FROM 20L TO 1.500 L INTEGRATED IN AN AUTOMATIC CONVEYING LINE

Automatic filling machine SP2 from AiCROV's Compact Series.

Filling machine for filling liquid and viscous products in palletised containers from 20 liters to 1.500 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 bunghole or over bunghole). 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 pallets with empty containers on the infeed conveyor, which will automatically move them to the filler. When the pallet reach the filler, align the filling nozzle with the containers bugholes and press the start button to start the fully automatic filling cycle.
4. When all containers are filled, press the evacuate button to take out the pallet automatically.
5. Repeat points 3 to 4 as many times as containers you need to fill.

## TECHNICAL SPECIFICATIONS

<b>Approximate nominal production</b>	65 drums/hour (220 liters) - 15 IBC/hour (1.200 liters)
<b>Approximate weight</b>	800Kg
<b>Weight scale resolution</b>	3.000 divisions: 500gr (standard) 6.000 divisions: 250gr (optional) 10.000 divisions: 100gr (optional)
<b>Power</b>	Electrical: 240 VAC, 50-60Hz, <1Kw Pneumatic: 6Bar, 40 NI/cycle approx.
<b>Room temperature</b>	5-35°C (out of this range on request)
<b>Product temperature</b>	0-130°C (out of this range on request)
<b>Movie</b>	<a href="https://www.youtube.com/watch?v=BO47O8bBW5w">https://www.youtube.com/watch?v=BO47O8bBW5w</a> <a href="https://www.youtube.com/watch?v=rZyQ0um2qaw&amp;t=0s">https://www.youtube.com/watch?v=rZyQ0um2qaw&amp;t=0s</a>

## AVAILABLE ACCESSORIES

- ✓ Gas hood with anti-drip system.
- ✓ Product hose support system.
- ✓ Proportional filling control.
- ✓ Product feed pump control.
- ✓ Communication with plant.
- ✓ Pneumatic debunging, bunging and sealing tools.
- ✓ 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.
- ✓ Manual or automatic grounding system for containers.
- ✓ In/Out line conveyors.
- ✓ Nitrogen purging.