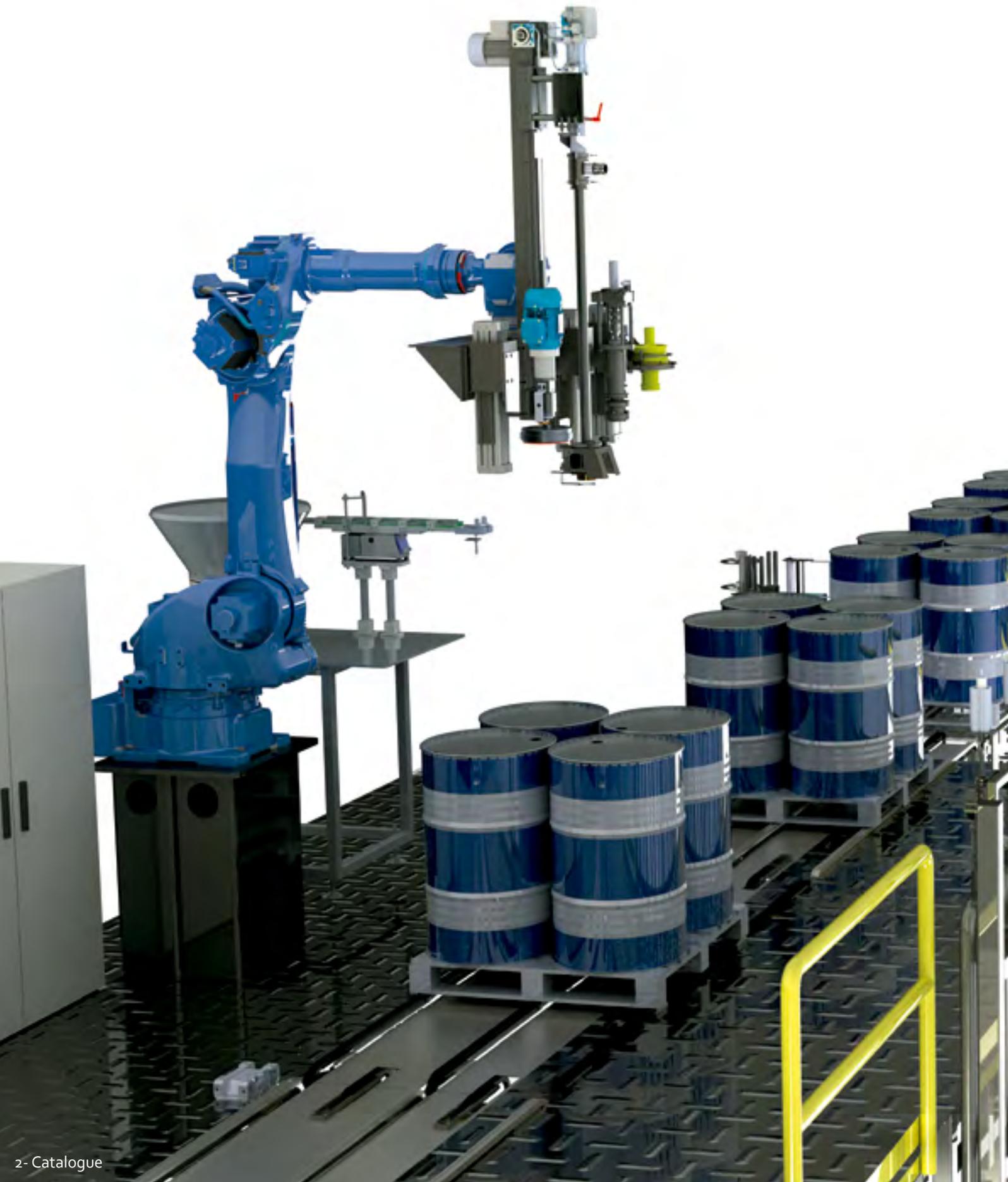




**Reliable Productivity  
and Safety in Filling Systems**





# Reliable Productivity and Safety in Filling Systems

AiCROV is the most innovative and dynamic company in the design, manufacturing, maintenance and optimisation of liquid filling systems for large-format containers between 1lt till 1.500lt and productivity up to 1,000 containers per hour, with accuracy and precision of up to 5 gr.

Our liquid filling systems guarantee maximum process productivity, prioritising employee safety while offering post-sales technical support of outstanding added value.

All of this responds to AiCROV's business model and the introduction of the innovative concept of Smart Filling, which incorporates the latest technologies available in the market to each and every one of its projects in order to offer a technological proposal that is differentiated and unique to each client. The use of state-of-the-art software and the most advanced manufacturing means allow for the possibility of delivering the most innovative designs on the market while achieving maximum productivity in absolute safety.



**We place our clients first and never compromise safety in favour of productivity**

# Smart Filling

## The AicrovFill® filling algorithm

We guarantee maximum efficiency across the filling processes

All our systems feature the AicrovFill® filling function, which has been under development and testing for over 20 years.

The AicrovFill® filling control algorithm is based on the Smart Filling concept, which allows for carrying out the filling process with maximum accuracy and precision and in the least amount of time possible, all while adapting to different types of product, containers and environment.

The Smart Filling technology allows for achieving levels of productivity that are superior to those of other comparable machines, which coupled with unparalleled accuracy and precision, yields the most attractive productivity ratios in the market.

This allows us to maximise production costs for our clients.

At AiCROV, it is our belief that each project is unique, and this is why among other factors, we design each filling system taking into account the liquid product, the industrial setting and the productivity and safety, all in aid of offering a filling system that is a perfect match for each client and situation.

Adjustable  
time-accuracy ratio  
Modular flow



# The AiCrovFill® function allows for adjusting the filling mode according to the product and environment

## Below surface filling mode:

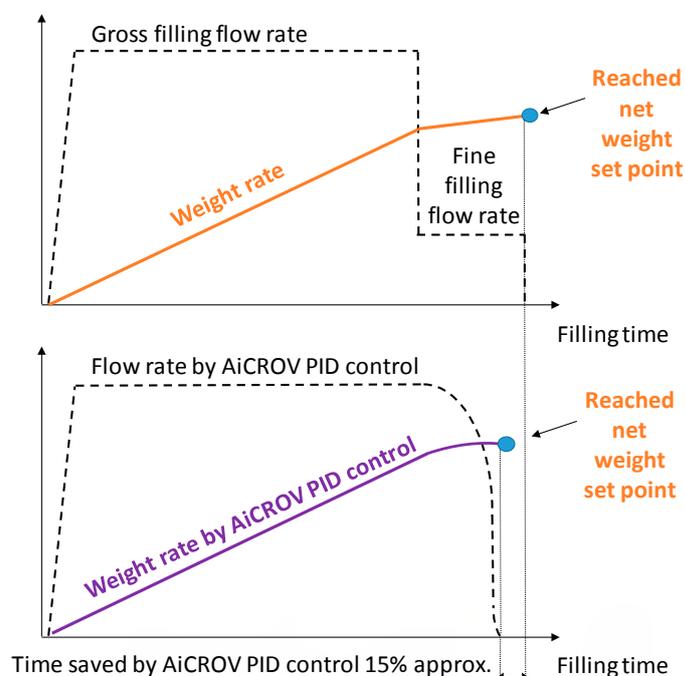
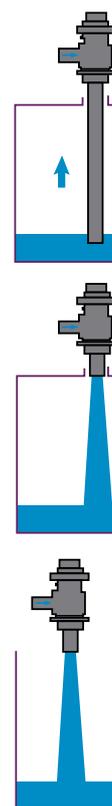
Suitable for products that are foaming, flammable, explosive, etc.

## Under bunghole filling mode:

Suitable for filling products that are non-foaming, non-flammable, non-explosive or presenting high density or viscosity.

## Over bunghole filling mode:

Suitable for filling highly viscous, non-foaming products, such as greases, paint, etc. in containers lacking a bunghole.



Accuracy and precision to very last gramme

## Container fine filling fully adjusts to the filling objective

**External fine filling:** The dosing lance only opens and closes. Changes in flow are carried out externally.

**Machine fine filling:** The dosing lance is able to change between thick and thin flow when needed. The fine flow level is adjusted mechanically.

**Proportional fine filling:** A proportional actuator allows for linking the level of opening during fine filling using the filling parameters in such a way that the adjustments are carried out from the control panel. Proportional fine filling is suitable for filling products presenting varying viscosities and densities using the same system.

# Our filling systems are designed to guarantee maximum safety

No liquid is impossible, be it highly viscous, sticky, flammable, foaming or even explosive. The AiCROV filling systems adapt to the most stringent conditions while offering safe operational environments for employees.

To this end, we designed filling systems for EX 2G, 2GD, 3G y 3GD-classified zones, we use nitrogen inerting and even pressurise the containers. No filling technique is beyond our capabilities.

All our systems undergo the most stringent quality and safety controls and adapt both to the regulations of the countries in which we operate and the safety requirements and specific quality standards of our clients.

We are in possession of all the necessary quality and safety certifications and always guarantee maximum filling process safety, both for operators assisting with the process and the product itself.



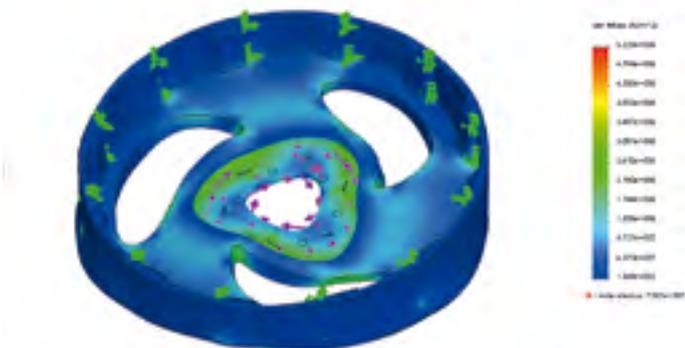
Fotògraf: P. Ferré

# Our operational methodology

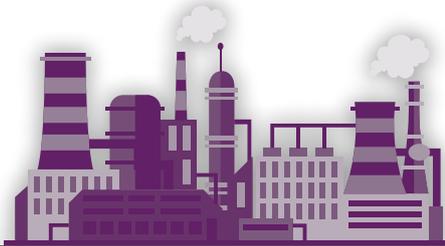
It is aimed at our clients being fully satisfied by means of a comprehensive quality management system



We integrate ongoing quality improvement models to our management processes



# Sectors where we operate



**PETROCHEMICAL**



**CHEMICAL**



**AGRI-FOOD**

Each industrial sector shows different filling needs for its liquid products. Depending on the product and its characteristics (viscosity, density, filling temperature...) and the container's capacity, at AiCROV we customise our filling systems in order to deliver optimum solutions in terms of safety and productivity for each of our clients.

We study, project and plan the possibilities we are able to offer by carrying out projects that are customised for each client in order to maximise productivity without compromising safety.

## Our products and services

**Their success is our own.  
We provide assessment  
on the filling solution your  
productive process needs**

What sets us apart is that we offer a comprehensive assessment and full customisation of each project. The flexibility of our manufacturing process facilitates the design and manufacturing of the most suitable filling system for each of our clients.

We are committed to our customers and seek the very best solutions for their filling processes.

### LIQUID FILLING SYSTEMS AND LINES



### TURN-KEY PROJECTS





We design and manufacture the filling systems that better adapt to the requisites of your filling process and products

**LOGISTICAL**



**INTRALOGISTICS**

**POST-SALES SERVICES**



Manual container moving  
Manual alignment of  
the filling lance and the  
bunghole  
Manual positioning of the  
dosing lance  
Automatic filling



# LC SERIES

## When what really matters is filling

AiCROV's LC systems offer a Plug & Fill solution that focuses on the filling function; they are designed for low volume production processes where what matters the most is flexibility and cost-cutting, but without sacrificing accurate filling.



### Main characteristics:

- No installation needed.
- High reliability and durability of the equipment.
- Pneumatic dosing lance lifting system.
- Possibility of delivering mobile equipment.
- Manual container moving.
- Possibility of incorporating free roller conveyors.
- Manual alignment of the bung hole and the dosing lance.

- Automatic filling.
- Positioning of the dosing lance on or under the bung hole.
- Possibility of manufacturing in different materials and finishes.

#### Accessories available:

- Under consultation.

Manual container moving  
Manual alignment of  
the filling lance and the  
bunghole  
Automatic filling



# PLUG & FILL SERIES

## Start producing from the very start

AiCROV's Plug & Fill systems are easily and seamlessly installed, due to which their entry into operation is immediate.

Their main advantage is that they do not require installation and they stand out on account of their ease of use. The Plug & Fill systems are pre-configured, due to which clients will waste no time configuring the system. All they need to do is connect the equipment and start the filling process straight away.

### Highlights of the series:

- No installation needed.
- High reliability and durability of the equipment.
- Electric or pneumatic dosing lance movement.
- Possibility of delivering mobile equipment.

### Main characteristics:

- Manual container moving
- Possibility of incorporating free roller conveyors.
- Manual alignment of the bung hole and the dosing lance.
- Weighted, mass or flow filling.

- Automatic filling featuring all the AicrovFill® functionalities.
- Adjustable filling height for filling containers of varying sizes.
- Possibility of manufacturing in different materials and finishes.
- Available in an anti-explosion version for dangerous areas.

## Accessories available for the PLUG & FILL series

- Fume hood.
- Anti-drip system.
- Anti-drip system.
- Filling history management.
- Electrostatic discharge control.
- Product hose support system.
- CIP cleaning system.
- Flushing system.
- Proportionate filling.

- Product pump control.
- Connection with factory.
- Double filling weight scale.
- Frontal protection.
- Packaging recipes.
- Dosing lance support rack.
- Dosing lance number control.
- Overfill detection.
- Additional weight scale for cans.

# LSG

1 - 60 l.   

- Manual feeding and evacuation of containers.
- Manual alignment of the dosing lance and bung hole.
- Automatic weight filling.
- No installation needed.
- For small-scale productions and frequent format or product changes.
- Adjustable filling height.
- Interchangeable dosing lance.
- Approximate nominal production:  
130 30-litre containers / hour.
- Weight: 200 kg.
- Weight scale resolution:
  - 3,000 divisions: 0.020 kg.
  - 6,000 divisions: 0.010 kg.
  - 10,000 divisions: 0.005 kg.
- Power:
  - Electrical: 220 VAC 50 Hz.
  - Pneumatic: 6 bar.



# LSB

60 - 250 l.   

- Manual feeding and evacuation of containers.
- Manual alignment of the dosing lance and bung hole.
- Automatic weight filling.
- No installation needed.
- For small-scale productions and frequent format or product changes.
- Adjustable filling height.
- Interchangeable dosing lance.
- Approximate nominal production:  
60 200-litre containers / hour.
- Weight: 400 kg.
- Weight scale resolution:
  - 3,000 divisions: 0.50 kg.
  - 6,000 divisions: 0.25 kg.
  - 10,000 divisions: 0.10 kg.
- Power:
  - Electrical: 220 VAC 50 Hz.
  - Pneumatic: 6 bar.



# SP1

20 - 1500 l.



Manual feeding and evacuation of containers on pallet.

Manual alignment of the dosing lance and bunghole.

Automatic weight filling.

No installation needed.

For small-scale productions and frequent format or product changes.

Adjustable filling height.

Interchangeable dosing lance.

Approximate nominal production:

60 200-litre containers / hour.

Weight: 600 kg.

Weight scale resolution:

3,000 divisions: 0.50 kg.

6,000 divisions: 0.25 kg.

10,000 divisions: 0.10 kg.

Power:

Electrical: 220 VAC 50 Hz.

Pneumatic: 6 bar.



# LSC

800 - 1500 l.



Manual feeding and evacuation of containers on pallet.

Manual alignment of the dosing lance and bunghole.

Automatic weight filling.

No installation needed.

For small-scale productions and frequent format or product changes.

Adjustable filling height.

Interchangeable dosing lance.

Approximate nominal production:

11 1,500-litre containers / hour.

Weight: 400 kg.

Weight scale resolution:

3,000 divisions: 0.50 kg.

6,000 divisions: 0.25 kg.

10,000 divisions: 0.10 kg.

Power:

Electrical: 220 VAC 50 Hz.

Pneumatic: 6 bar.



Automatic container moving  
Manual alignment of  
the filling lance and the  
bunghole  
Automatic filling



# COMPACT SERIES

## The best cost - productivity ratio

AiCROV's Compact systems are designed to guarantee maximum return on investment, as they offer the best cost-productivity ratio for medium-sized productions. They stand out due to being capable of controlling driven roller conveyor lines.

The main advantage of the Compact systems is that they combine the efficiency and operativeness of our filling systems and the most innovative conveyor technology, as container feeding and evacuation is carried out automatically by means of roller or chain conveyors that have been specifically designed for the client's activities.

The Compact systems allow for increased production control thanks to their touchscreen.

### Highlights of the series:

- They allow for seamless, fast dosing lance interchange for frequent format or product changes.
- High reliability and durability of the equipment.
- Electro-pneumatic dosing lance lifting system.
- They allow for automating a whole line of conveyors.
- Adjustable filling height for filling containers of varying sizes.
- System structure in different materials and finishes.
- Available in an anti-explosion version for dangerous areas.

### Main characteristics:

- Automatic container feeding and evacuation.
- Manual alignment of the bung hole and the dosing lance.

- Weighted, mass or flow filling.
- Automatic filling control featuring all the AicrovFill® functionalities.

## Accessories available for the COMPACT series

- Fume hood.
- Anti-drip system.
- Filling history management.
- Electrostatic discharge control.
- Product hose support system.
- CIP cleaning system.
- Flushing system.
- PID controller filling algorithm.

- Product pump automation.
- Corporate ERP integration.
- Double filling weight scale.
- Frontal protection.
- Packaging recipes.
- Dosing lance support rack.
- Dosing lance number control.
- Overfill detection.
- Additional weight scale for cans.

# EL1-E



Automatic container feeding and evacuation.  
Manual alignment of the dosing lance and bunghole.

Automated weight filling.

Easy configuration and entry into operation.

For medium-sized productions and frequent format or product changes.

Adjustable packaging height.

Interchangeable dosing lance.

Approximate nominal production:

165 30-litre containers / hour.

Weight: 200 kg.

Weight scale resolution:

3,000 divisions: 0.020 kg.

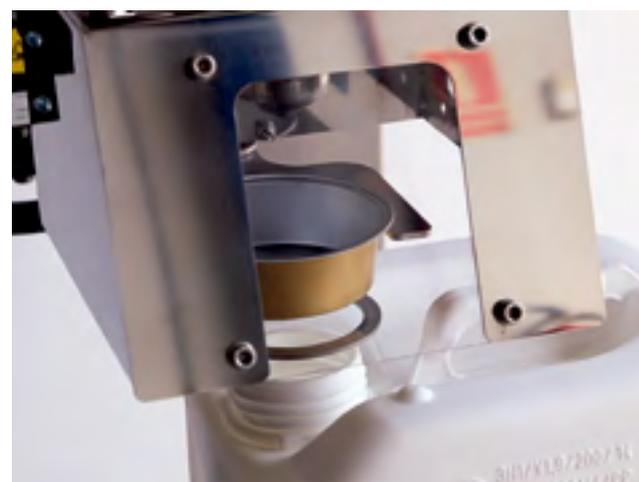
6,000 divisions: 0.010 kg.

10,000 divisions: 0.005 kg.

Power:

Electrical: 380 VAC 50 Hz.

Pneumatic: 6 bar.



# EL1-B

60 - 250 l. 

Automatic container feeding and evacuation of the containers by means of roller conveyors. Manual alignment of the dosing lance and bung hole.

Automatic weight filling.

Easy configuration and entry into operation.

For medium-sized productions and frequent format or product changes.

Adjustable filling height.

Interchangeable dosing lance.

Approximate nominal production:

60 200-litre containers / hour.

Weight: 400 kg.

Weight scale resolution:

3,000 divisions: 0.50 kg.

6,000 divisions: 0.25 kg.

10,000 divisions: 0.10 kg.

Power:

Electrical: 380 VAC 50 Hz.

Pneumatic: 6 bar.





Automatic feeding and evacuation of containers on a pallet by means of roller or chain conveyors.  
Manual alignment of the dosing lance and bung hole.  
Weighted or mass / flow meter filling.  
For medium-sized productions and frequent format or product changes.  
Interchangeable dosing lance.  
Adjustable filling height.  
The size of the input and output accumulation conveyor will depend on productivity.

Approximate nominal productions:  
70 200-litre containers / hour.  
15 1,500-litre containers / hour.  
Weight: 700 kg.  
Weight scale resolution:  
3,000 divisions: 0.5 kg.  
6,000 divisions: 0.25 kg.  
10,000 divisions: 0.10 kg.  
Power:  
Electrical: 380 VAC 50 Hz.  
Pneumatic: 6 bar.

## SP25

20 - 1500 l.



The alignment of the filling lance is controlled by a joystick

Automatic feeding and evacuation of containers on a pallet by means of roller or chain conveyors.  
Manual alignment of the dosing lance and the bunghole using a joystick.  
Weighted or mass / flow meter filling.  
For medium-sized productions and frequent format or product changes.  
Interchangeable dosing lance.  
Adjustable filling height.  
The size of the input and output accumulation conveyor will depend on productivity.  
The lance feeding is controlled by a joystick.

Approximate nominal productions:  
70 200-litre containers / hour.  
15 1,500-litre containers / hour.  
Weight: 1,000 kg.  
Weight scale resolution:  
3,000 divisions: 0.5 kg.  
6,000 divisions: 0.25 kg.  
10,000 divisions: 0.10 kg.  
Power:  
Electrical: 380 VAC 50 Hz.  
Pneumatic: 6 bar.

Automatic container moving  
Automatic alignment of  
the filling lance and the  
bunghole  
Automatic filling



# ADVANCED SERIES

## Maximum automation and filling control

AiCROV's Advanced systems guarantee maximum productivity in fully automated systems that may be integrated into production lines.

The Advanced systems allow for a fully automated filling system, which lead to total production control. A single system offers comprehensive supervision of the manufacturing process.

The Advanced systems allow for integrating full filling lines, thanks to which we are able to offer a single solution for the entire process.

### Highlights of the series:

- They allow for seamless, fast dosing lance interchange for frequent format or product changes.
- High reliability and durability of the equipment.
- Electro-pneumatic control system.
- They allow for controlling a whole line of conveyors.
- They allow for controlling product flow to the filling machine.
- They allow for multiple filling stations.

### Main characteristics:

- Automatic feeding and evacuation.
- Automatic alignment of the dosing lance and the bung hole.
- Weighted, mass or flow filling.
- Automatic filling featuring all the AicrovFill® functionalities.

- Adjustable filling height for filling containers of varying sizes.
- Easy configuration and entry into operation.
- Possibility of manufacturing in different materials and finishes.
- Available in an anti-explosion version for dangerous areas.

## Accessories available for the ADVANCED series

- Fume hood.
- Anti-drip system.
- Anti-drip system.
- Filling history management.
- Electrostatic discharge control.
- Product hose support system.
- CIP cleaning system.
- Flushing system.
- Proportionate filling.

- Product pump control.
- Connection with factory.
- Double filling weight scale.
- Frontal protection.
- Packaging recipes.
- Dosing lance support rack.
- Dosing lance number control.
- Overfill detection.

# EL2-E / EL4-E / EL5 / EL6

## Maximum automation coupled with total packaging flexibility in one system

Fully automated systems for weighted and production line filling of 1 to 60-litre round or rectangular-based metallic or plastic cans, barrels and drums. The machines may be equipped with multiple workstations. The models are designed for high filling productions featuring a high level of automation.

- Automatic feeding and evacuation.
- Automatic alignment of the dosing lance and the bunghole.
- Weighted or mass / flow meter filling.
- Suitable for production lines. They allow for controlling a whole line of conveyors.
- For high production levels.
- Quick format change with no need for tools.
- Interchangeable dosing lances.
- Automatic filling featuring all the AicrovFill® functionalities.
- Available in an anti-explosion version for dangerous areas.
- Electro-pneumatic control system.
- Easy configuration and entry into operation.
- Ease of use.
- High reliability and durability of the equipment.
- Adjustable packaging height for filling containers of different sizes.
- Configuration flexibility and multiple automatic workstations:
  - Bunghole Centring / Searching.
  - Inertisation.
  - Filling.
  - Covering.
- Approximate nominal production:
  - 165 30-litre containers / hour (1 lance).
- Weight: To be defined.
- Weight scale resolution:
  - 3,000 divisions: 0.020 kg.
  - 6,000 divisions: 0.010 kg.
  - 10,000 divisions: 0.005 kg.
- Power:
  - Electrical: 380 VAC 50 Hz.
  - Pneumatic: 6 bar.



**Flexible filling  
process according  
to client  
characteristics**



It allows for multiple filling stations

Complete centring, filling and covering automation



# EL2-B

## Maximum performance in production lines presenting high filling production

Fully automated system for weighted and production line filling of metallic and plastic 120 to 220-litre barrels, drums and containers. The machines may be equipped with multiple workstations. The model is designed for high filling productions featuring a high level of automation.

- Automatic feeding and evacuation.
- Automatic alignment of the dosing lance and the bung hole.
- Weighted or mass / flow meter filling.
- Suitable for production lines. They allow for controlling a whole line of conveyors.
- Quick format change with no need for tools.
- Interchangeable dosing lances.
- Automatic filling featuring all the AicrovFill® functionalities.
- Available in an anti-explosion version for dangerous areas.
- Electro-pneumatic control system.
- Easy configuration and entry into operation.
- Ease of use.
- High reliability and durability of the equipment.
- Adjustable packaging height for filling containers of different sizes.
- Includes an automatic earthing connection system (optional).
- Configuration flexibility and multiple automatic workstations:
  - Bunghole Centring / Searching.
  - Uncovering.
  - Inertisation.
  - Filling.
  - Covering.
  - Sealing.
- Approximate nominal production:
  - 90 200-litre containers / hour.
- Weight: To be defined.
- Weight scale resolution:
  - 3,000 divisions: 0.5 kg.
  - 6,000 divisions: 0.25 kg.
  - 10,000 divisions: 0.10 kg.
- Power:
  - Electrical: 380 VAC 50 Hz.
  - Pneumatic: 6 bar.



**Its structure is modular and it may be configured to include as many workstations as needed**



# SP3

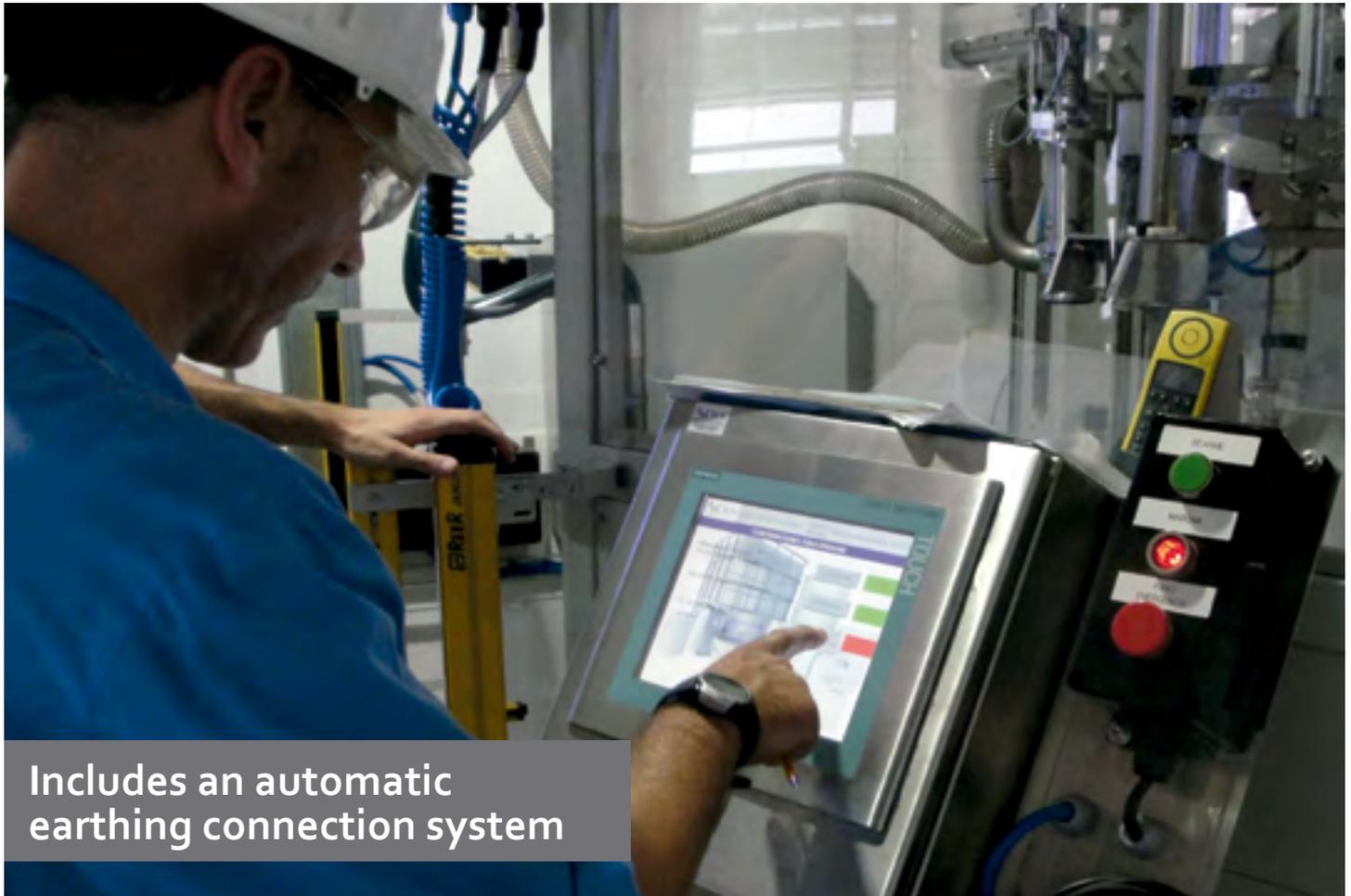
## Comprehensive pallet automation

Fully automated system for weighted and production of drums, cans, barrels and IBCs on pallets. The model is designed for high filling productions featuring a high level of automation.

- Automatic feeding and evacuation.
- Automatic alignment of the dosing lance and the bunghole.
- Weighted or mass / flow meter filling.
- Suitable for production lines. They allow for controlling a whole line of conveyors.
- For high filling productions and a high level of automation.
- Quick format change with no need for tools.
- Interchangeable dosing lances.
- Automatic filling featuring all the AicrovFill® functionalities.
- Available in an anti-explosion version for dangerous areas.
- Electro-pneumatic control system.
- Easy configuration and entry into operation.
- Ease of use.
- High reliability and durability of the equipment.
- Adjustable packaging height for filling containers of different sizes.
- Includes an automatic earthing connection system (optional).
- Possibility of placing using an artificial 3D viewing system.
- Configuration flexibility and multiple automatic workstations:
  - Bunghole Centring / Searching.
  - Uncovering.
  - Inertisation.
  - Filling.
  - Covering.
  - Sealing.
- Approximate nominal productions:
  - 65 200-litre containers / hour: filling.
  - 45 200-litre containers / hour: uncovering, filling and covering.
  - 35 200-litre containers / hour: uncovering, filling, covering and sealing.
  - 18 1,500-litre containers / hour: filling.
  - 12 1,500-litre containers / hour: uncovering, filling and covering.
- Weight: 2,000 kg.
- Weight scale resolution:
  - 3,000 divisions: 0.5 kg.
  - 6,000 divisions: 0.25 kg.
  - 10,000 divisions: 0.10 kg.
- Power:
  - Electrical: 380 VAC 50 Hz.
  - Pneumatic: 6 bar.



**Possibility  
of placing using  
an artificial  
viewing system**



Includes an automatic earthing connection system





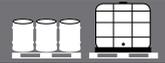
## Integration of complete production lines and turn-key projects

We design complete turn-key end of production lines, where our ADVANCED series fits in perfectly with all the labelling and packaging systems.

AiCROV customises end of production line design according to client requirements, including - when required - palletisers, de-palletisers, labelling machines, capping machines, sealing machines, wrapping machines and any other device needed until the level of integration and control required by the client is achieved.

# RF (ROBOT FILLER)

120 - 1500 l.



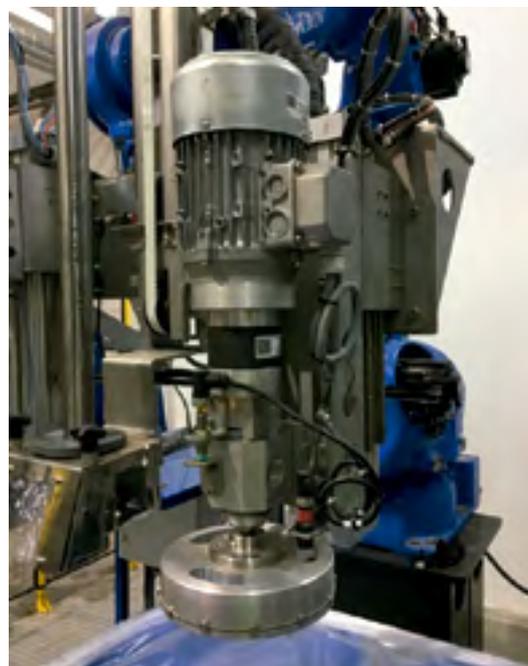
## Optimises manufacturing using the most advanced 'on pallet' filling system

Fully automated system for weighted and production line filling of drums, cans, barrels and IBCs on pallets. The model is designed for high productions featuring a high level of automation and much flexibility in changing the type of container.

- ➔ **The artificial 3D view allows for full adaptability and flexibility**
- ➔ **Minimisation of unneeded parades**
- ➔ **Minimum spare part stock**

Automatic feeding and evacuation.  
Automatic alignment of the dosing lance and the bung hole.  
Weighted or mass / flow meter filling.  
Suitable for production lines. They allow for controlling a whole line of conveyors.  
For high filling productions and a high level of automation.  
Quick format change with no need for tools.  
Interchangeable dosing lances.  
Automatic filling featuring all the AicrovFill® functionalities.  
Available in an anti-explosion version for dangerous areas.  
Electro-pneumatic control system.  
Easy configuration and entry into operation.  
Ease of use.

High reliability and durability of the equipment.  
Adjustable packaging height for filling containers of different sizes.  
Configuration flexibility using multiple work tools:  
Covering and uncovering.  
Filling.  
Sealing.  
Approximate nominal productions:  
65 200-litre containers / hour.  
18 1,500-litre containers / hour.  
Weight: To be defined.  
Weight scale resolution:  
3,000 divisions: 0.5 kg  
6,000 divisions: 0.25 kg.  
10,000 divisions: 0.10 kg.  
Power:  
Electrical: 380 VAC 50 Hz.  
Pneumatic: 6 bar.



# AiCROV 4.0

## We design and produce intelligent filling projects

AiCROV 4.0 is a suite of software tools that integrate information about the filling process in the manufacturing plant's information management system. The information provided by AiCROV 4.0 is particularly relevant, as it is end-of-line information, which provides a holistic view of the manufacturing process, and in turn, it allows for the possibility of integrating provisioning processes.

**Integration with the corporate information system for a holistic management of supplies, manufacturing and logistics.**

The fourth industrial revolution is now possible thanks to AiCROV 4.0.

AiCROV 4.0 represents much more than just gathering packaging data. It represents the integration of packaging data in a holistic vision of all the supply, manufacturing, packaging and logistics processes for an efficient control of the company. It is the so-called fourth industrial revolution - Factory 4.0.



## AiCSOFT software

AiCSOFT is a suite of hardware and software tools that comprise the AiCROV 4.0 concept, which allows for interacting with the corporate ERP with the objective of making the concept of Factory 4.0 a reality.

It is a tool that delivers traceability of the theoretical and real filling parameters by container or production lot.

The software allows for applying filters, viewing results on screen and generating production reports using the data filtered. Furthermore, the data may be exported to Excel and integrated in the client's ERP system for increased production control.

By introducing this innovation, AiCROV has taken a huge step forward in the AiCROV 4.0 concept; it allows clients to carry out an intelligent production on account of sharing filling data with the most common ERPs.

In addition, thanks to this software, the AiCROV 4.0 systems allow for generating and managing preventive maintenance reports, all in aid of achieving a more efficient management that will provide maximum system reliability. It also offers historical data involving incidents that helps analyse their origin, which in turn allows for carrying out more efficient corrective maintenance while readjusting preventive maintenance to avoid future occurrences.

## Integration of Track & Trace solutions

AiCROV's Plug & Fill, Compact and Advanced series systems are capable of integrating Track & Trace tools that allow for fusing all the data stored by the AiCSOFT software and the rest of the data from other sections in the filling line and communicated to the client's ERP.

The Track & Trace systems feature a modular system that allows for adapting to every need and infrastructure, and they use video cameras for marking, labelling and verifying data, from the individual products to their palletising, as well as bagging and/or boxing, following the entire production chain path up until the final issuance warehouse.

Different software layers conveniently manage information, starting with the first, individual machine level, controlling inputs and outputs, then the serial production line level, verifying data pertaining to all the machines that comprise it, and finally the factory level. In the final level, all of this data is captured, verified and registered in order to be communicated to the company's ERP systems.

The Track & Trace software safely and successfully satisfies product follow-up and tracing needs throughout complete processes. The ideal solution for our clients' safety.



# AFTER SALES SERVICES

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The satisfaction of our clients and a service of excellence are our main priorities

Like any other machine, your filling system must be taken care of and revised in keeping with the most stringent quality and safety standards. This will allow us to always guarantee reliability and maximum performance from the system, without ever neglecting safety.

We place the very best team of filling processes engineering experts at your disposal. The know-how and experience of our professionals are always at your service by means of different post-sales service and maintenance modes that we have devised to ensure maximum performance by your equipment so you may obtain the desired return on investment.

The know-how  
of our professionals  
at your disposal

## Financial services

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- Purchasing second-hand machinery.
- Selling second-hand machinery.
- Renting second-hand machinery.
- Financing the export of new equipment.
- Renting new equipment.
- Payment by productivity.



## Teleservice

The remote diagnostics service provided by the team allows for optimising preventive and corrective maintenance. Special pricing for SAT Premium clients, and included for SAT 25/365 clients.



## Equipment optimisation

Updating facilities improves obsolescence, production and/or safety, in addition to allowing for complying with the laws in place.



## Training

The system's preventive and corrective intervention training allows for your company to be self-sufficient in SAT.



## Inspection and maintenance

Preventive maintenance lengthens the service life of your facilities and minimises unwanted down times.



## Spare parts

Supplying original spare parts allows for ensuring the continuous operation of your filling systems while reducing down times due to technical interventions.



## Technical Assistance Service

We offer you the technical assistance mode that better adapts to the requirements of your production system. Our technical assistance services range from basic to immediate, 24 hours a day, 365 days per year service.

Standard service



Premium service



24/365 service



Hourly packages



**CAT**  
OMPLERTA DE BIDONS  
OMPLERTA DE IBC  
OMPLERTA DE GARRAFES I POTS  
SISTEMES DE PEL·LETITZAT  
SISTEMES DE TRANSPORT  
DISSENY DE PLANTES I LÍNIES D'ENVASAT  
PROJECTES CLAUS EN MÀ

**ES**  
LLENADO DE BIDONES  
LLENADO DE IBC  
LLENADO DE GARRAFAS Y BOTES  
SISTEMAS DE PALETIZADO  
SISTEMAS DE TRANSPORTE  
DISEÑO DE PLANTAS Y LÍNEAS DE ENVASADO  
PROYECTOS LLAVES EN MANO

**EN**  
DRUM FILLING  
IBC FILLING  
CANISTER AND PAIL FILLING  
PALLETIZING SYSTEMS  
CONVEYOR SYSTEMS  
DESIGN OF FILLING PLANT AND LINES  
TURNKEY PROJECTS

**FR**  
REPLISSAGE DES BIDONS  
REPLISSAGE D'IBC  
REPLISSAGE DE BIDONS ET DE BOUTEILLES  
SYSTÈMES DE PALETTISATION  
SYSTÈMES DE TRANSPORT  
CONCEPTION DE LIGNES DE CONDITIONNEMENT  
PROJETS CLÉS DANS LA MAIN

**GER**  
FASSBEFÜLLUNG  
IBC BEFÜLLUNG  
KANISTER- UND DOSENBEFÜLLUNG  
PALETTIERSYSTEME  
FÖRDERSYSTEME  
DESIGN VON FÜLLANLAGEN UND -LINIEN  
SCHLÜSSELFERTIGE PROJEKTE



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