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***Acmi***



**Omnia  
Technologies**  
Enabling Evolution

# EQUAFILL

Precision Filling Machine

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The tailor-made solution that meets bottlers' flexibility requirements in terms of multi-material versatility, frequent size changeovers and filling efficiency.

# EQUAFILL

## Precision Filling Machine

THE TAILOR-MADE SOLUTION THAT MEETS BOTTLERS' FLEXIBILITY REQUIREMENTS IN TERMS OF MULTI-MATERIAL VERSATILITY, FREQUENT SIZE CHANGEOVERS AND FILLING EFFICIENCY.

### EASIER IS BETTER

EquaFill is a well-established ACMI filling solution that's **easy to use and maintain**. Perfect for handling **complex and diversified production mixes**, it offers the advantages of a compact footprint and high efficiency. Linear design and outstanding **filling valve** simplicity compared to alternative solutions ensure EquaFill provides a personalized response to bottlers' **flexibility** needs from multi-material, frequent **format changeover** and optimal filling **efficiency** perspectives.

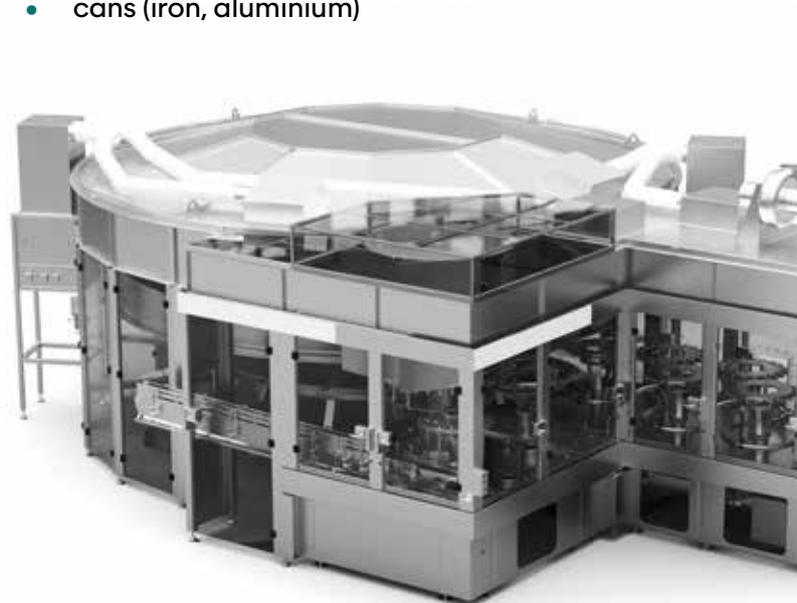
- Easy to use
- Low maintenance
- Suitable for PET/glass/cans

### WE VALUE YOUR PRODUCT

EquaFill enhances the uniqueness of the product thanks to a production management approach that is free from any rigidity as regards the material and format.

Materials/Formats:

- bottles and containers (glass, PET, aluminum)
- cans (iron, aluminium)



# 100,000 bph

## Output rate

### **STILL PRODUCTS (COLD/HOT FILLING):**

- Still water
- Juices, teas, energy drinks (with preservatives)
- Still beverages in general (with preservatives)
- Suitable for pulps & fibers
- Edible Oil
- Sauces & Syrups
- HF Filling (Filling temperature up to 95 °C): juices, teas, energy drinks, still beverages in general, suitable for pulps & fibers, suitable for fruit chunks & slurries

### **CARBONATED PRODUCTS**

- CSD
- Sparkling water
- Beer



# Configurations



## Configurations for carbonated products:

- One flowmeter for each filling valve
  - The same machine can also process still products with ultralight bottles
  - Mixer and carbonator integrated in the filler
  - On some configurations the automatic dummy bottle is as standard
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## Configurations for still products:

- Filling-by-time (ACMI patent) system available to allow use of one magnetic flowmeter for all valves, thus reducing machine complexity and maintenance. High-precision filling with one flowmeter (ACMI patent) is, thanks to the calibration system, automatic, and customers can activate it whenever they wish
  - One flowmeter for each filling valve and double-speed valve option available to reduce filler size
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## Optionals:

- Automatic dummy bottles
- Integrated CIP system
- Sterile air flow cabin
- Integrated COP system

# Key values



## Optimized process:

- Easy to use
- Reduced line footprint/complexity
- Cost/logistics optimization
- Hygienic design/process (no-contact filling valves for still products)
- Hygienic, reliable, low-maintenance filling valve
- Fully washable
- Easy, fast changeovers
- All settings via HMI
- The external product tank is **pre-assembled on a SS frame** and comes complete with pump, valves, fittings and controls
- Integrated capping system



## The best flexibility on the market:

- **Cans and bottles of various formats and materials can be filled and closed on one machine**
- The ideal solution for **small-medium size beer and CSD line**
- Quick can/bottle changeover: **almost 10 seconds per gripper** (holding pad switchover), **valve** (alignment bell)



# Continuous Cap Supply

## SAFETY & ERGONOMICS

Easy access for maintenance

Efficiency & Reliability

- 100% cap inspection by camera
- Jam Self-clearance System
- Less equipment to be maintained
- Caps always handled on application side

Gentle, controlled handling

- Gravity sorting

- Star-wheel pockets for inspection
- Blown air conveyors

High hygiene levels

- Enhanced de-dusting
- Hygienically designed hopper

## OPTIONALS

- UV Lamps
- Pressurized cap hopper
- Increased hopper volume, size up to 2 m<sup>3</sup>
- Cap temperature monitoring system





# Fully Electronic Capper

## COMPLETE CAP APPLICATION CONTROL

- Controlled parameters of motors (rotary and linear)
- Feedback on each capped bottle
- Gentle, high speed cap application

### Efficiency and performance

- Reduced maintenance
- High speed, excellent monitoring and safety

### Total flexibility

- Easy-to-set HMI

### High hygiene levels

- Machine, product and package safety
- Splash control function
- Grease-free turret

## OPTIONALS

- Caps managed (by vacuum) directly by the heads
- Cap application temperature control parameter setting
- Thread start identification (even in the event of lower cap quality and/or poor positioning)





# Customer service

Being able to count on consultancy and support from the ACMI Global Network provides further guarantees for customers, ensuring they get the most out of their investment in ACMI technology

for the entire lifespan of the machine or plant: all thanks to the trust that stems from close relations with customers, and meticulous attention to maintenance of the productive assets that are vital to a return on investment.

