



**BEER, WINE, CIDER,
SOFT DRINKS**



FRAMAX

***Filling machine for plastic and
stainelss steel Kegs***



Filling machine for plastic and stainless steel Kegs

Semiautomatic Multifunction Monobloc Filler for PET Kegs (with or without bag) and Stainless Steel

- Construction: Entirely made of A304 stainless steel, electro-welded. Components in contact with the product are compliant with food-grade standards.
- Flow Meters: Sanitizable electromagnetic flow meters with steam for filling cycle control.
- Safety: Equipped with safety protections.
- Keg Format Change: Simple and fast format change with manual operations and PLC guidance.
- Sterilization: Sterilization and drying of the keg valve before filling and at the end of the cycle.
- Pressure Test: Pressure test conducted inside the keg before the filling cycle.
- Oxygen Control:
For kegs with bags: Aspiration and flushing of the bag to minimize oxygen residues.
For kegs without bags: Flushing to eliminate internal oxygen, replaced by inert gas.
- Cleaning Cycle (C.I.P.): Standard C.I.P. cycle for washing/drying the filling head with detergent solution, with optional timing for auxiliary conduits.
- Compatible Keg Types: Polykeg (with and without bag), Petainer Hybrid, Dolium, Unikeg, Keykeg, Stainless steel.
- Fittings Available: "A", "S", "D", "G", "K".
- Filling Type: Isobaric volumetric filling.
- Connections: Product inlet, steam, and discharge connections available upon request.
- Power: <1kW, voltage and frequency adaptable to standards in the final destination country.



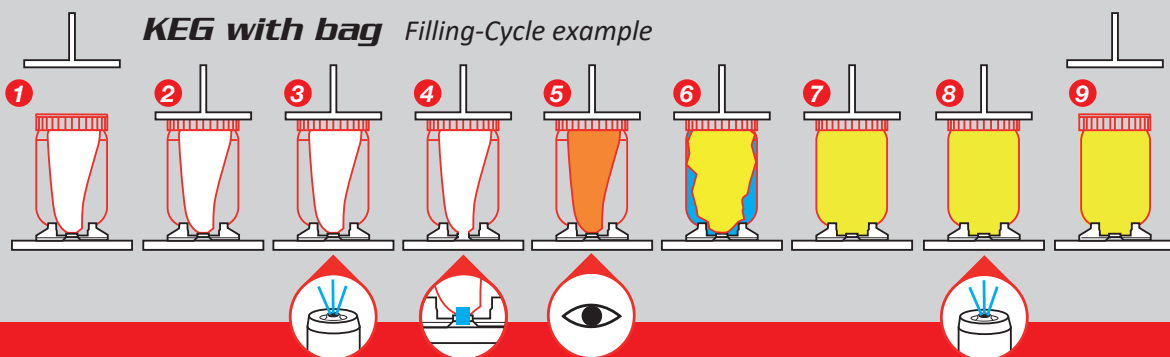
Compact dimension

Single and multiple heads

Fully programmable cycles

- 1 Keg positioning
- 2 Clamping
- 3 Head Sterilization
- 4 Valve opening
- 5 Bag Check and CO2 Purge
- 6 Counterpressure - Flowmeter high precision volumetric filling
- 7 End filling and bag settling in container
- 8 Head washing sterilizing and drying
- 9 Release Keg

KEG with bag Filling-Cycle example





- Operator Interface (HMI): Touch panel HMI for easy parameter visualization and adjustments. Includes recipe management (save, modify, recall), with storage of parameters like cleaning cycle durations, counterpressure values, and filling parameters, allowing easy switching between products (different volumes or keg types).



- Industry 4.0 Compliant: The new-generation PLC HMI supports configurable network connections (Modbus, Ethernet/IP, OPC UA) for integration with factory systems, logistics, or other production machines, enabling real-time process supervision, remote instruction loading, and compliance with the National Industry 4.0 Plan for financing and tax incentives.
- Remote Support: The PLC allows remote support without an additional modem, enabling remote monitoring and verification from our headquarters.

Production Capacity:

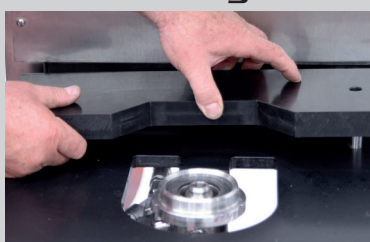
- Approx. 45-50 kegs/h (20L) for PET kegs without a bag
- Approx. 40-45 kegs/h (20L) for PET kegs with a bag



CIP MODE



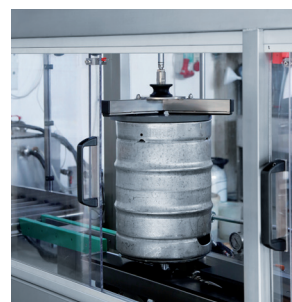
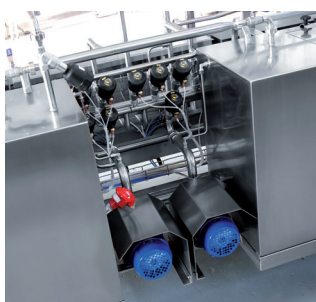
Quick changeover



WSF-Keg Automatic Range

Fully automatic production lines available in the following versions:

- Combined returnable and One-way Keg, with speed up to 60 kegs/hour (returnable) and 36/55 kegs hour
- Keg with speed up to 180 kegs hour with multiple filling heads.



**FULLY AUTOMATIC
SOLUTIONS FOR KEG
FILLING OR COMBINED WITH
RETURNABLE TRADITIONAL
WASHING,
STERILIZING AND FILLING.**



WITH BAG



WITHOUT BAG



RETURNABLE

FRAMAX

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