



BOTTLING
EQUIPMENT
FOR CRAFT
DISTILLERIES

Rinsing

The Rinsing Turret is assembled in the same basement of the Filling monobloc for a compact design. It can be supplied with single or double treatments (water or air), with fixed or penetrating valves. It also available the recirculation system suitable to the alcoholic product rinsing treatment.



Filling

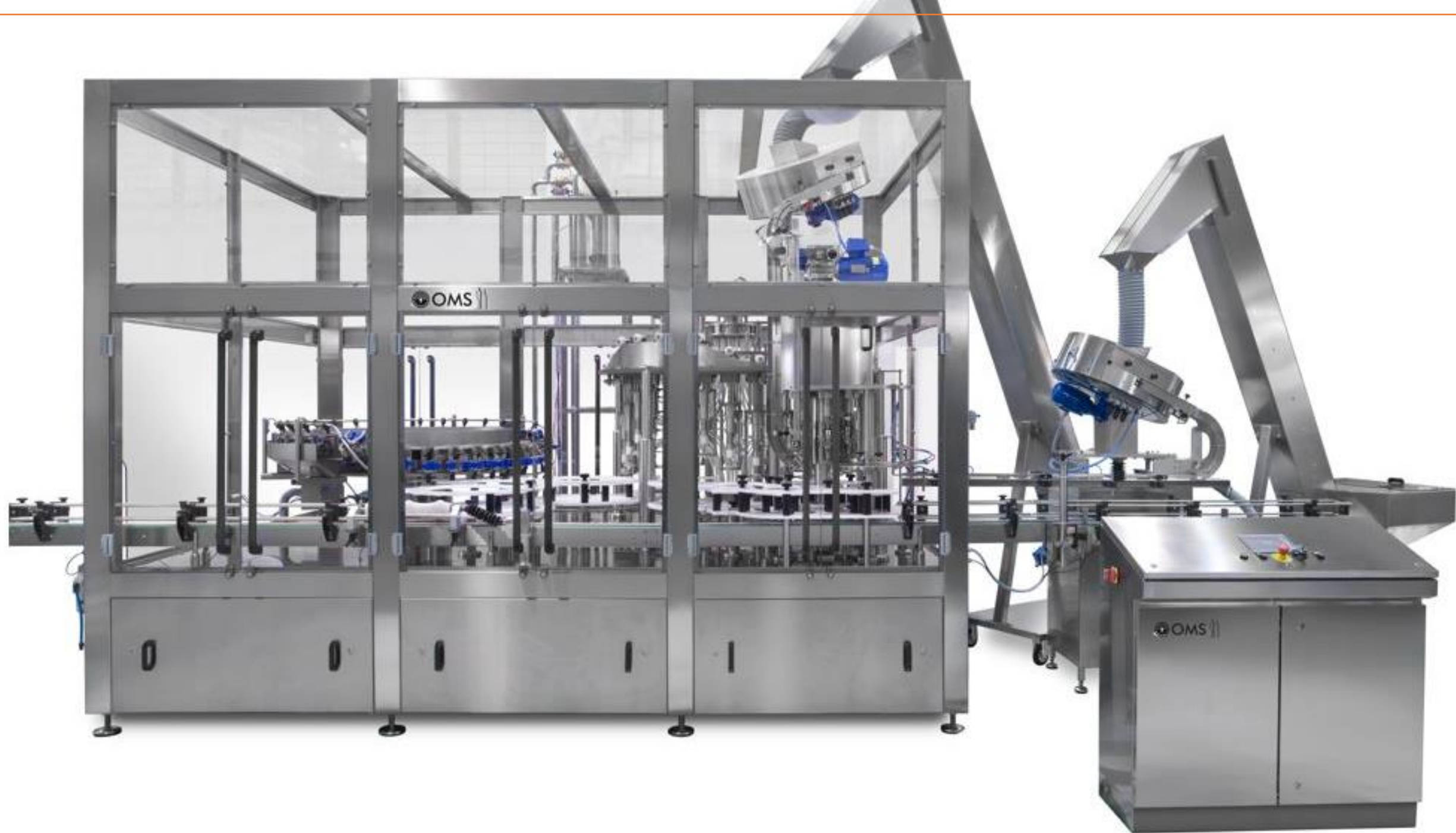
Overflow Pressure-Gravity Filler. Machine supplied with 2 buffer tanks, the first one on the top of the filling carousel and the second on the external frame, both in stainless steel AISI 304 (available AISI 316 L on demand). Descending valves on the bottles complete with centering device which allows to center the bottle neck, avoiding damages to the containers. In the loading and unloading area, the valves are lifted by a cam in Stainless Steel AISI 304.



Capping

Single-Head or Rotary Cappers suitable to close the glass bottles with ROPP, T-CORK, Guala, Plastic Press-On, Pre-Threaded Caps. Closing Heads and Cap Sorters supplied in accordance with the caps design. Available as optional the Low-Level Sorter and the Caps Elevator for a long cap feeding.







Ex-Proof



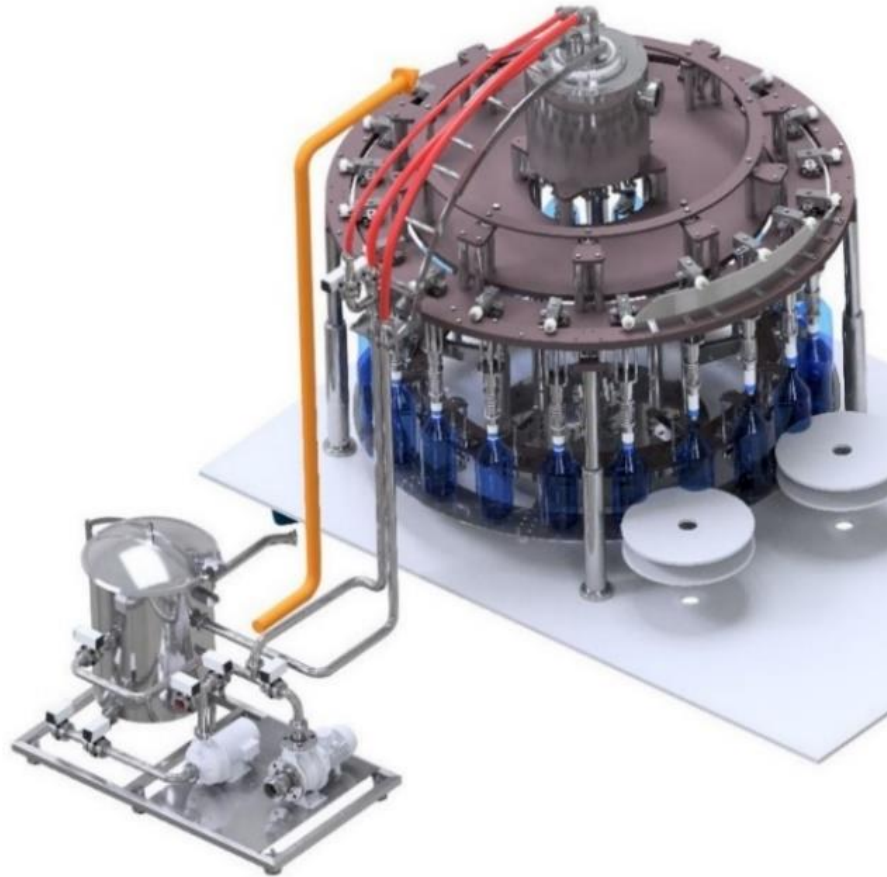
Machine certified ATEX / Ex-Proof for Spirits at 60° (120 Proof) Class 1 – Division 1 – Group C

Complete with:

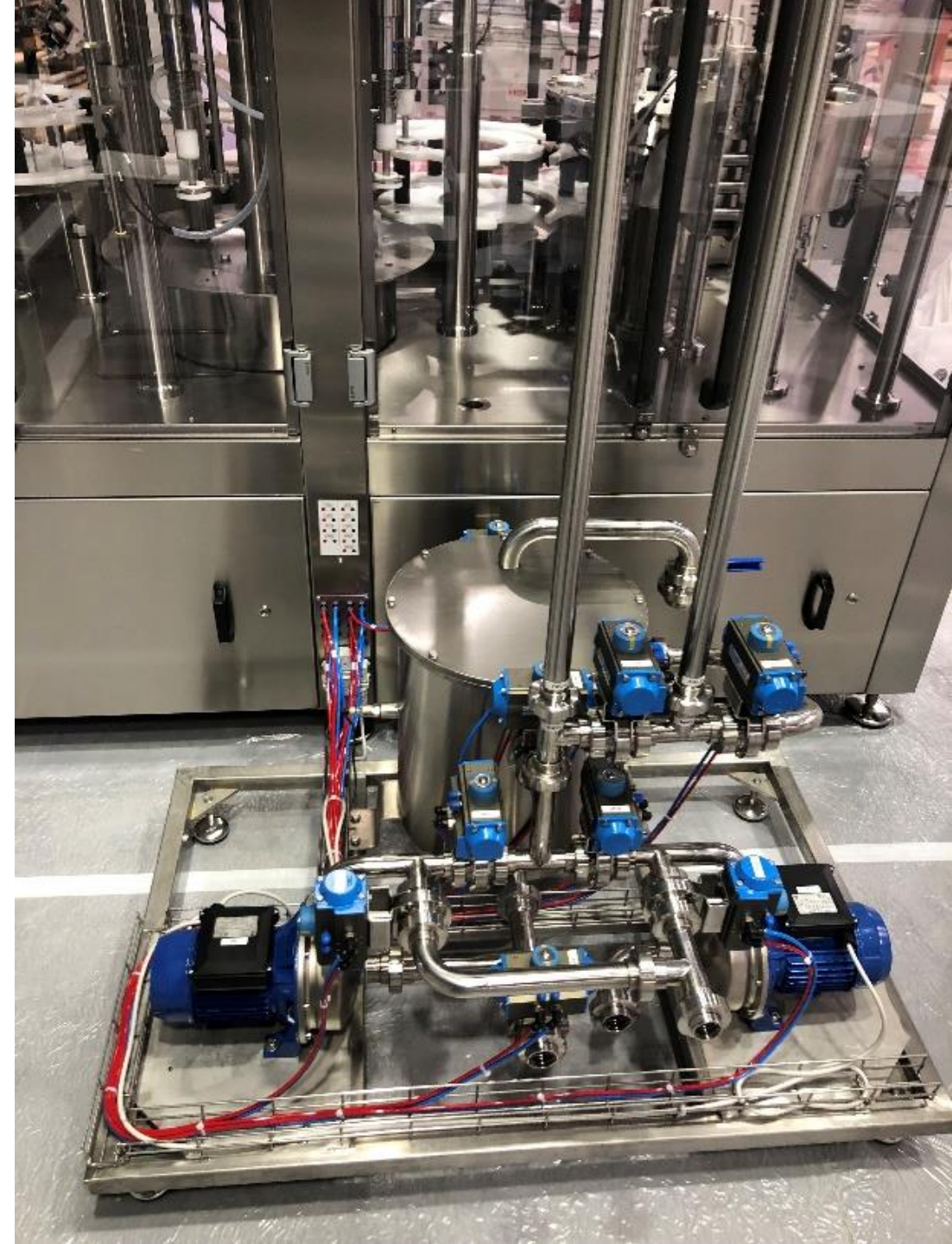
- Upper cover of the machine completes with fan - air exhauster and alcohol vapor detector.
- Electric Panel 1,5 MT away from the filling area
- Ex-Proof Motors
- Ex-Proof Electrical and Electronic components inside of the machine



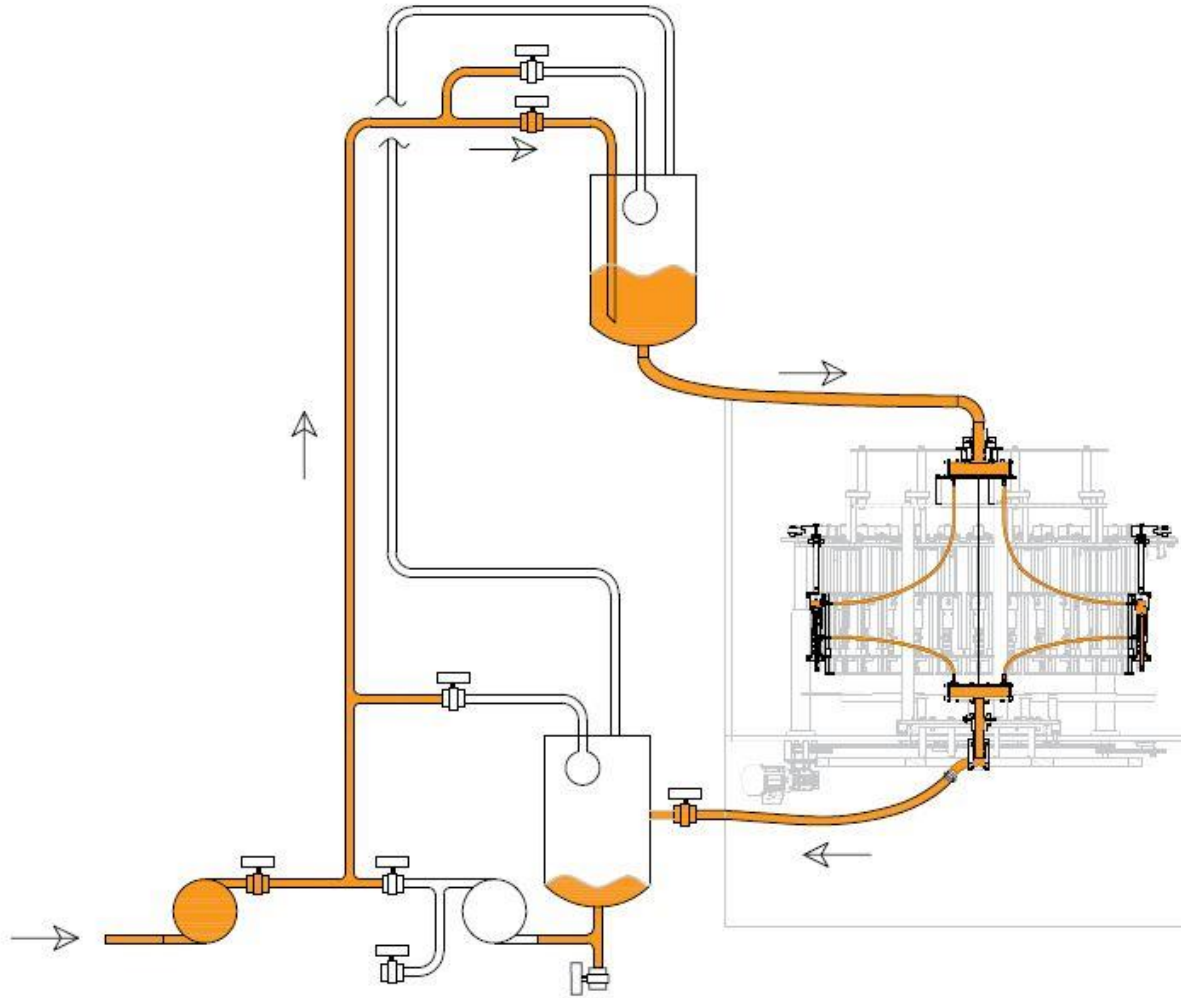
Overflow Gravity filling system



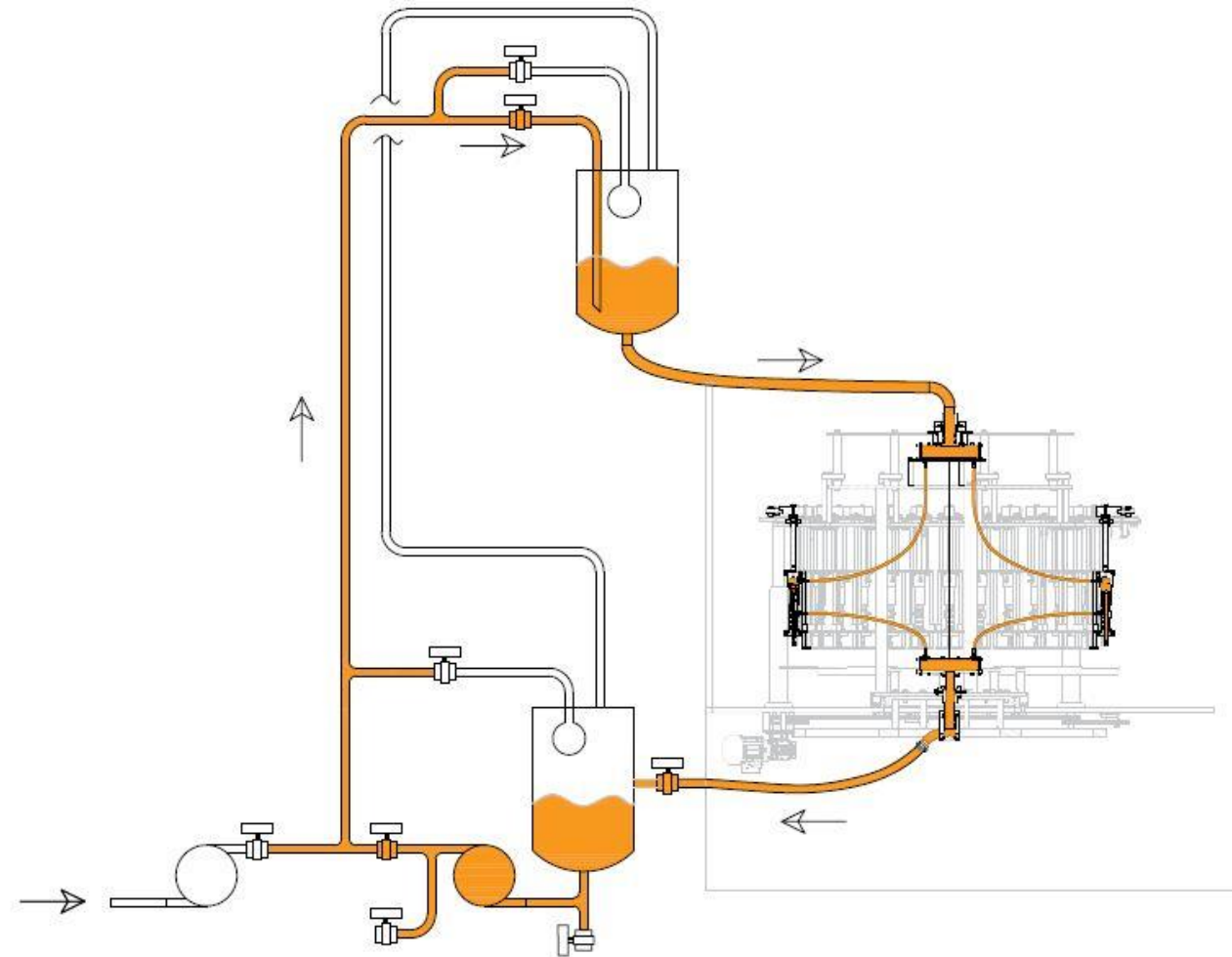
The filler is complete with first buffer tank over the filling turret for the product inlet and a second external buffer tank for the air return and product overflow made of stainless steel and complete with electron probes or stainless-steel floating device for product level control.



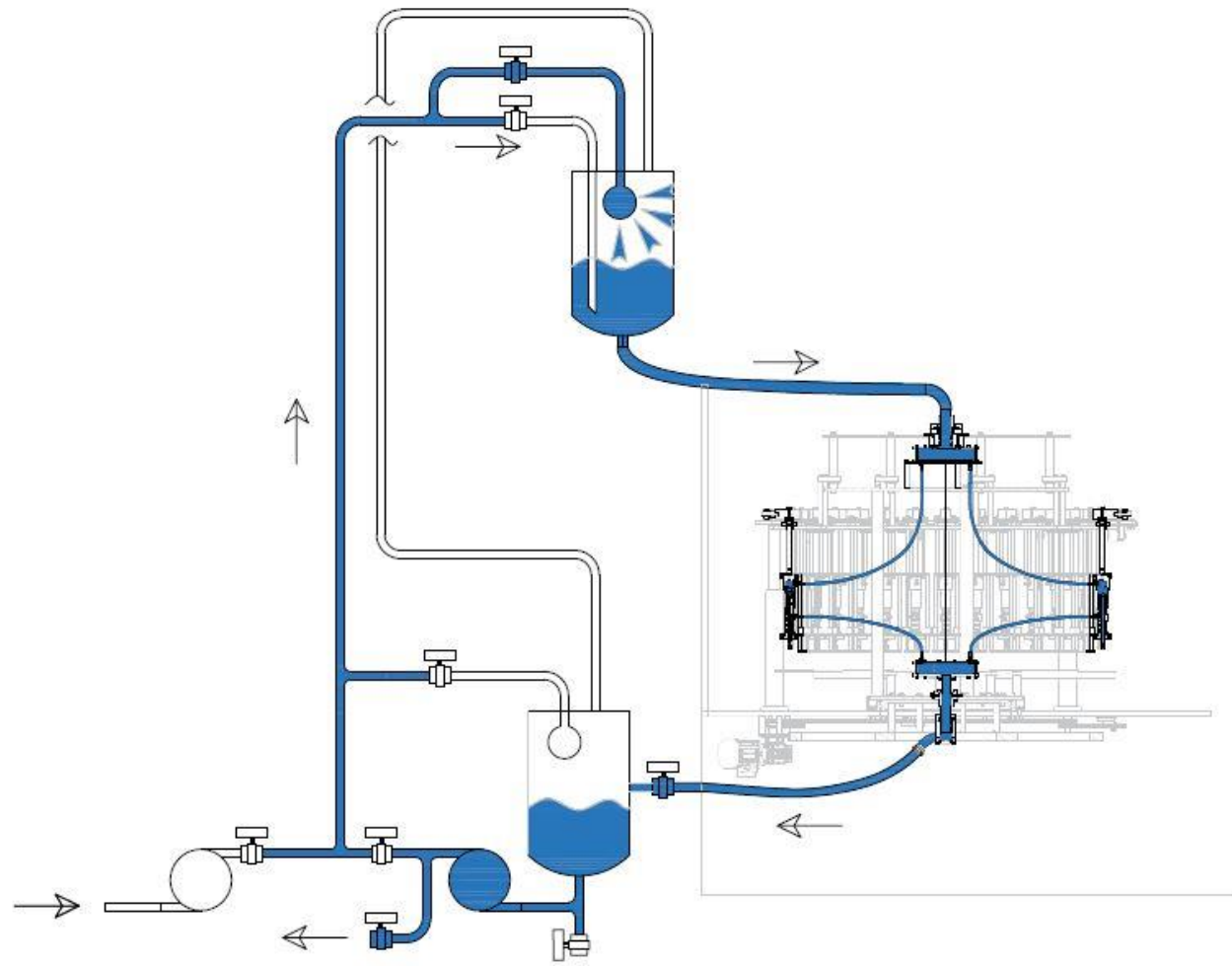
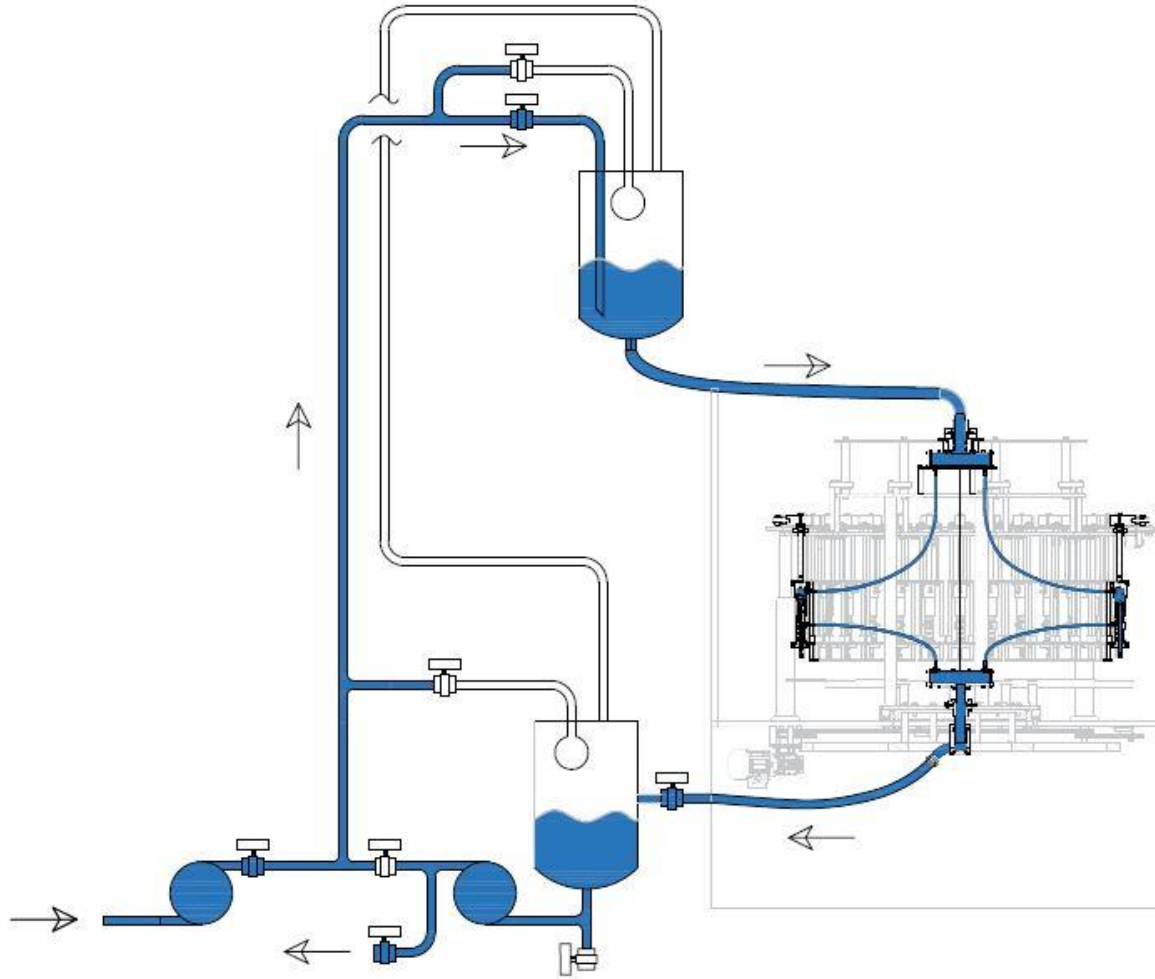
FILLING STAGE



RECIRCULATION STAGE



WASHING STAGES



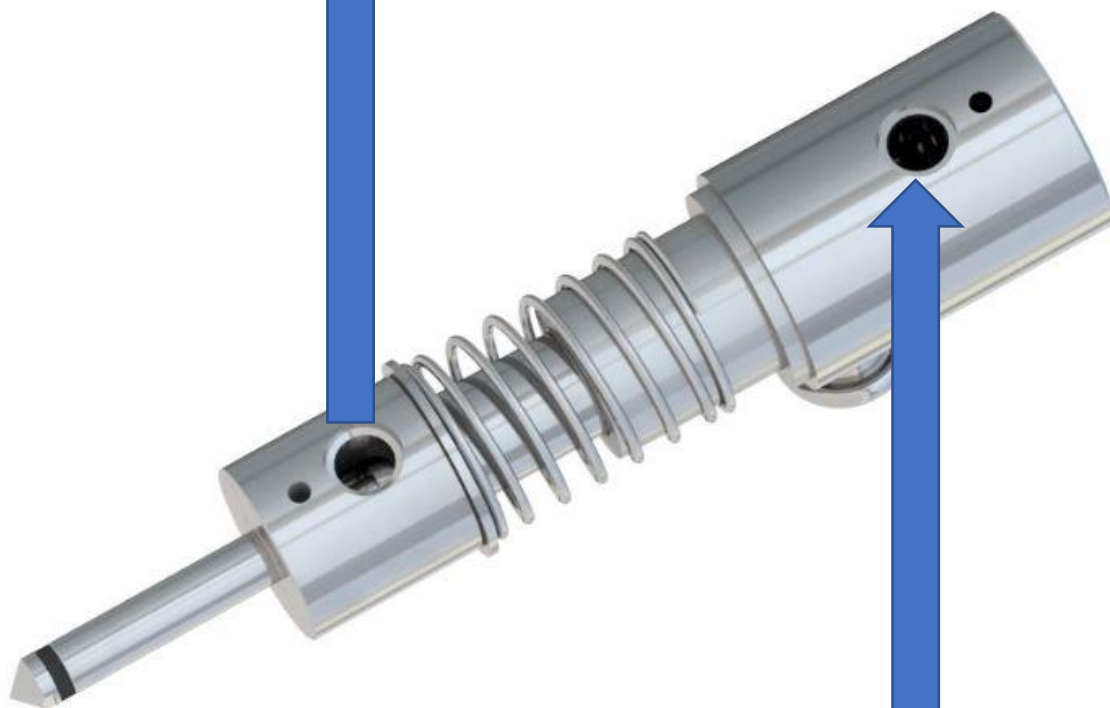
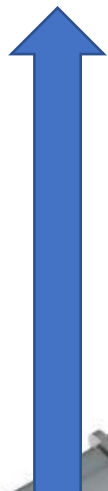


FILLING VALVE

New designed filling valves made of completely in stainless steel AISI 304 (or in AISI 316 on demand). Accurate inner processing with profiles that avoid every turbulence of the product to Fill. Filling valves with “Stop” system (double stage closing to avoid product dripping). Independent Air return system with product recirculation. Centring device of the bottle hole Filling valves complete with drip-catcher system Quick release of the filling valve (“Bayonet” system). Filling tolerance of ± 1 mm. (in accordance with the type of the bottles and the product to fill)



**AIR RETURN
OVERFLOW**

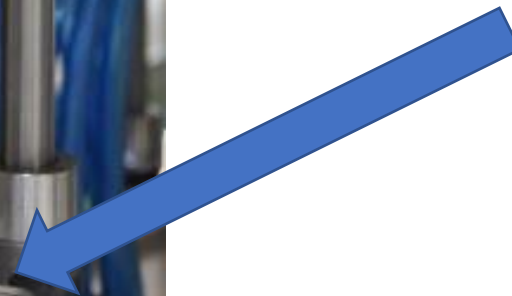


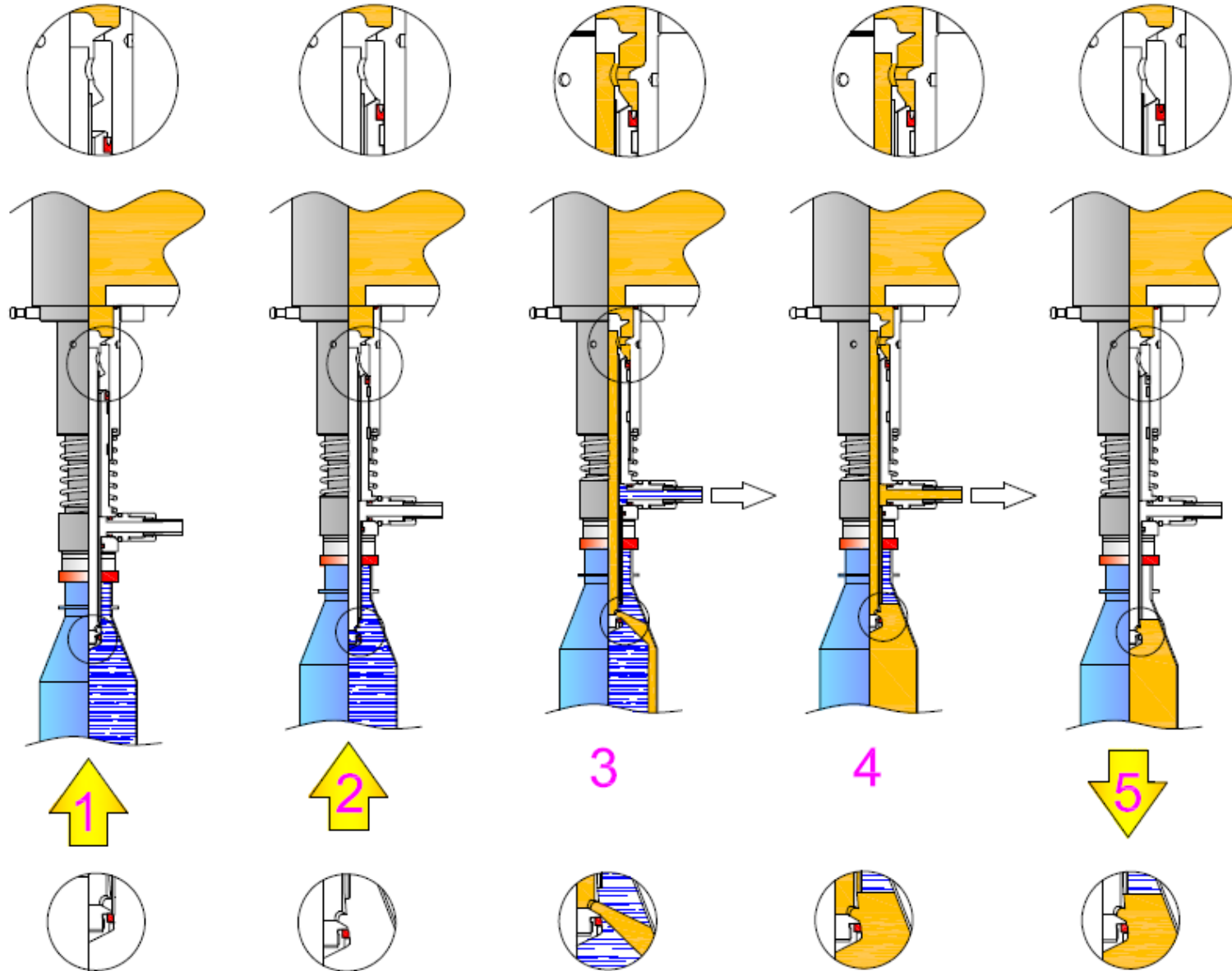
PRODUCT SUPPLY



Quick Release

Bottle Centring





Filling Stage

1. The Valve is closed

2. The Valve is half opened
(on the bottom)

3. The Valve is fully opened. Start Filling. The Air from the bottles goes outside.

4. The bottle is full. The level is reached in the bottle (air entrapment between the product and gaskets). Some products goes outside from the external tank.

5. The bottles start moving down, So the valve is half closed. Stop Filling.





**Filling Valve Movement without Piston lifting bottles
(Descending Valve system)**



Capping head with four external independent springs made entirely from stainless steel equipped with the No-Cap-No-Roll safety device for closing aluminium caps from 18 [mm] to 38 [mm] and special applications.



Magnetic Closing head HY2015 suitable for the closing T-CORK and all of the all plastic caps with Hysteresis system entirely made in stainless steel complete with torque adjustment and complete with 3 fingers mechanical chucks with mechanical system of the opening and closing.

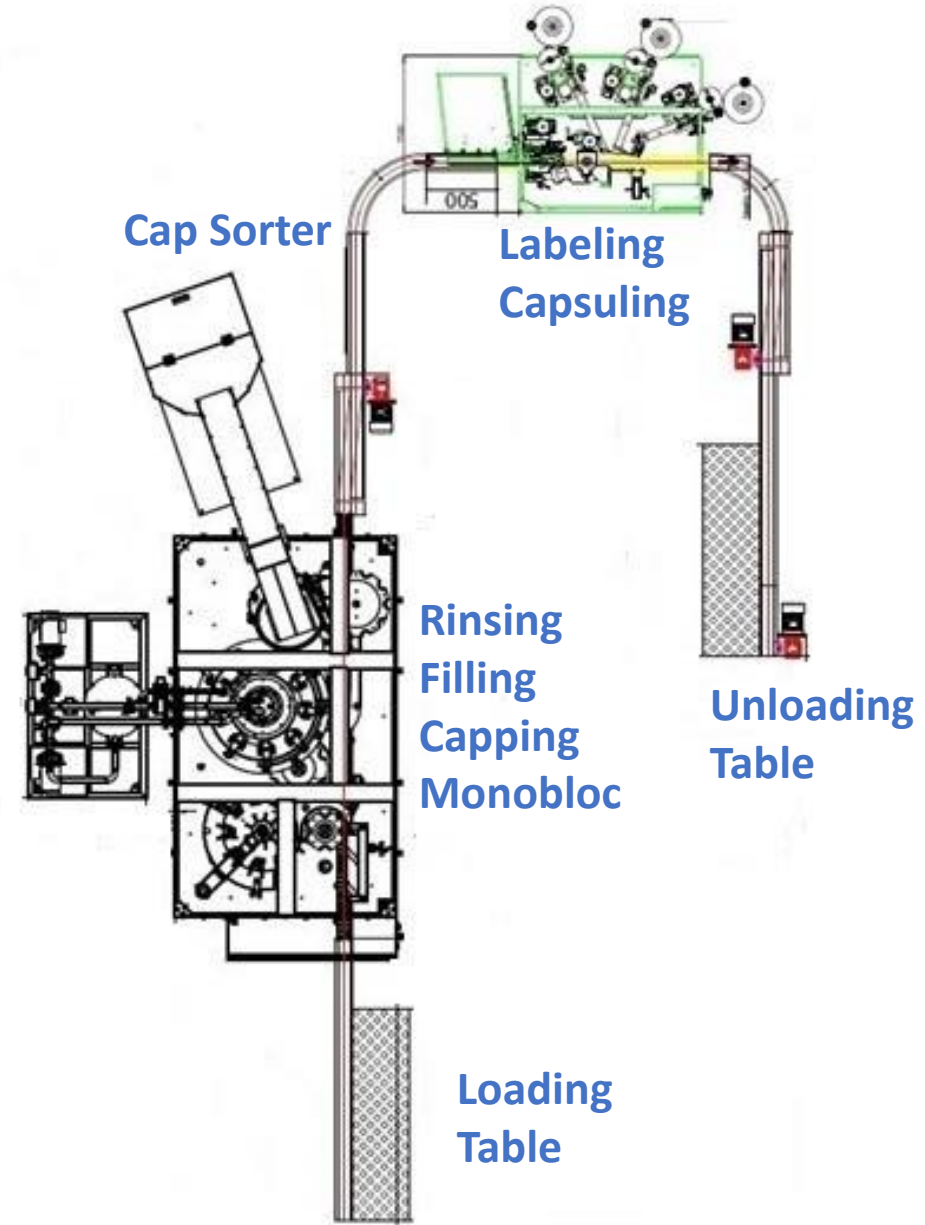
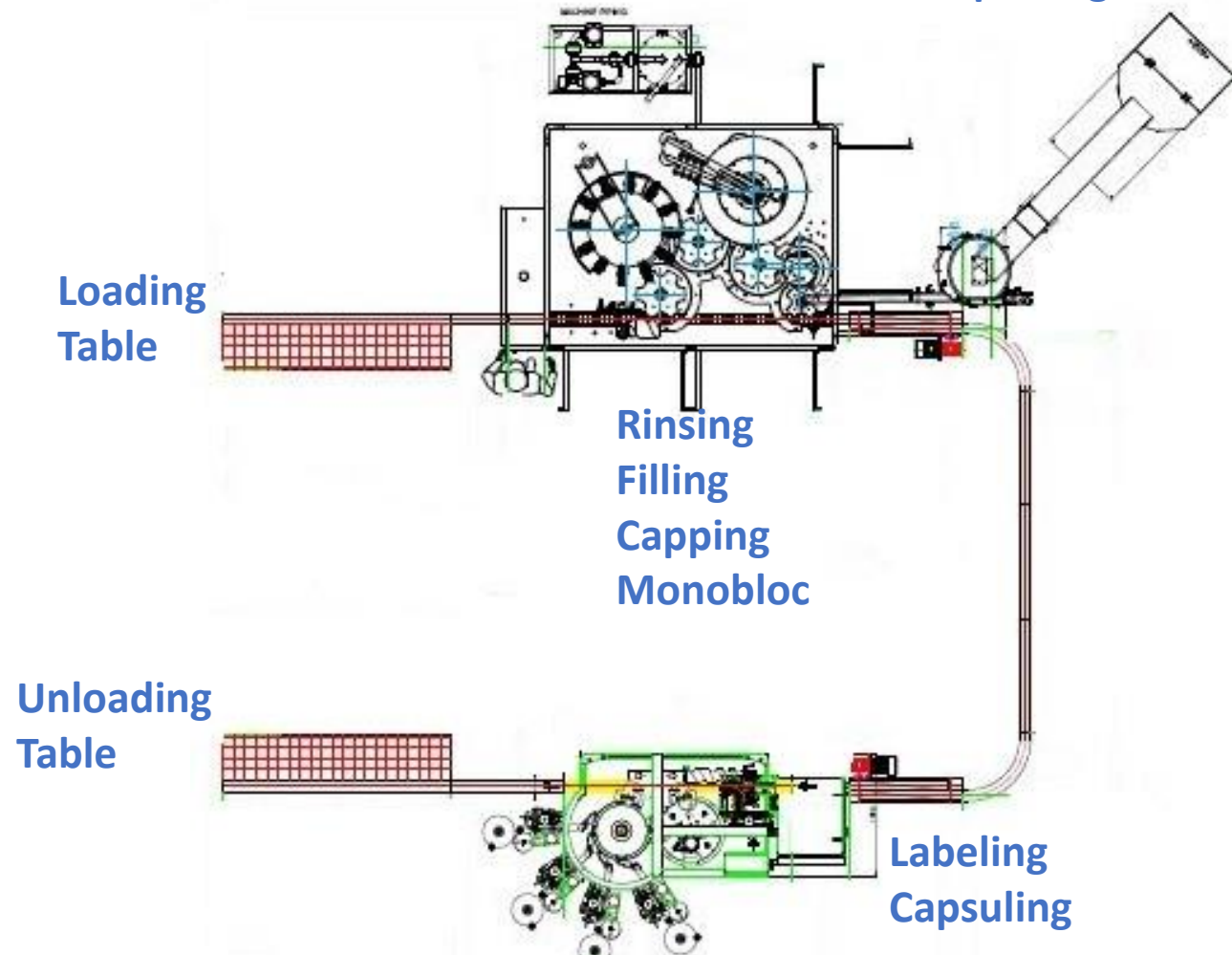
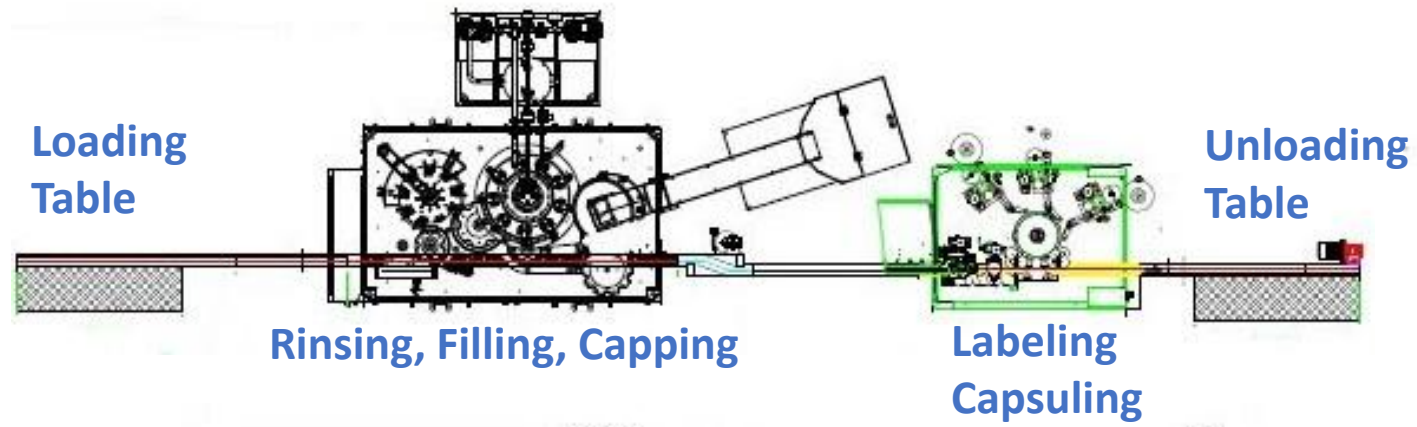






Advantages and Strong Points of the RVD Model:

- ❑ **PERFORMANCE** The upgrade air return valve and the different angle of the machine means faster speed.
- ❑ **EASY TO CLEAN** The Tank-Less and Recirculation system allows a better and easier CIP system of the machine.
- ❑ **LESS MAINTENANCE** No pistons lifting bottles means less maintenance of the machine (springs) and avoid issues.
- ❑ **BETTER FILLING TECHNOLOGY** No Vacuum pump for a gentle filling system to protect the scent and flavour.





Willetts
Kentucky Bourbon



Rubin



KILCHOMAN
Islay's Farm Distillery
ISLAY SINGLE MALT SCOTCH WHISKY



サンコーズ 株式会社



Model	Speed for Spirits Filling indicated on 750 ml. Glass Bottles with RVD filling valve Ø 15 mm.
9-9-1	40 BPM
12-12-4	60 BPM
16-16-4	90 BPM
20-20-5	110 BPM
24-24-6	130 BPM
28-28-7	150 BPM
32-32-8	180 BPM
40-40-12	220 BPM



OMS s.r.l.

Via Pavia 25, 20814 Varedo (MB) Italy

Codice Fiscale e P.IVA: 06139370966

Numero iscrizione registro imprese
di Monza e Brianza: 06139370966

REA MB 1907163 - Capitale sociale: €100.000

Tel. (+39) 0362 1722202 www.oms-ita.it

Made in Italy