

Filling Valves & grippers flushing with sterile water



COST OPTIMIZATION

Aseptic Equipment compliant

Budget price*:

25 K€

Payback estimation:

TBD

Installation time*:

Installation: 2-3 days
Commissioning: 1-2 days

Machine downtime:

2 days

*These data are approximate and not definitive, depending on your machine configuration.

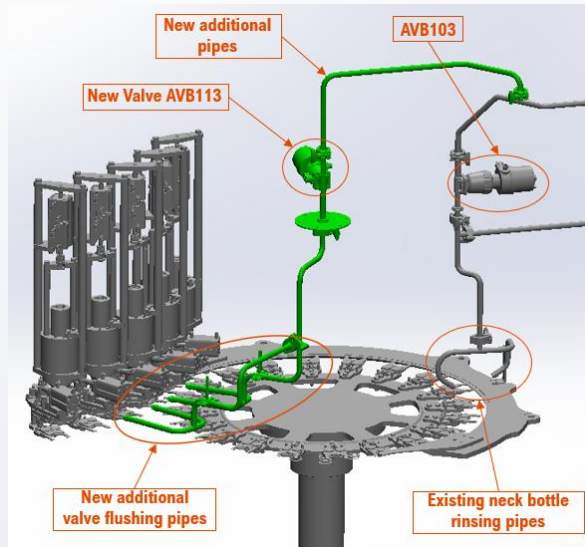
Machine application:

FMa RFH

Ref. SP037

BENEFITS

- COP time reconducted to standard ones
- Reduce manual operation to clean filling valves
- Improve filling process. Products build-up affects
 - product flow from filling valve to bottle
 - Bottle stability below filling valve
 - Dummy bottle insertion



DESCRIPTION

- Due to high Protein concentration in products (e.g dairy ones), we propose a system to remove the product build up on filling valves, dummy bottles, grippers.
- Current configuration: during production, only the neck rinsing nozzles is active.
- Proposed solution: when the combi is empty of bottles (for any reason), sterile water is conveyed to additional washing nozzles on filling valve and grippers
- Scope of supply:
 - Set of additional flushing nozzles (from 2 to 4)
 - Diaphragm valve
 - Dedicated piping + Electrical material
 - SW modification
- No variation on the sterile water flow (neck rinsing and filling valves flush nozzles has the same consumption).
- No variation in the isolator pressure management.
- No variation in the machine speed.
- Filler and Blower separation door will remain open during the filling valves flushing (no additional stoppage needed)

