



# Validatable Container Washing

## Semiautomatic Container Washing

### **SERVOLIFT**



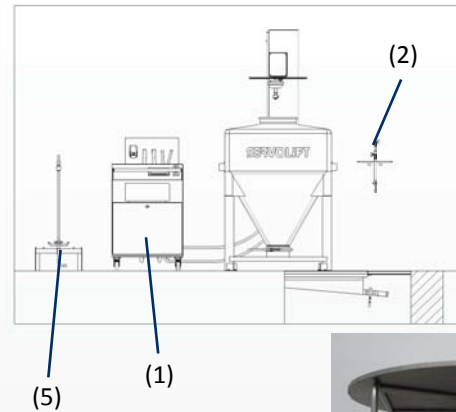
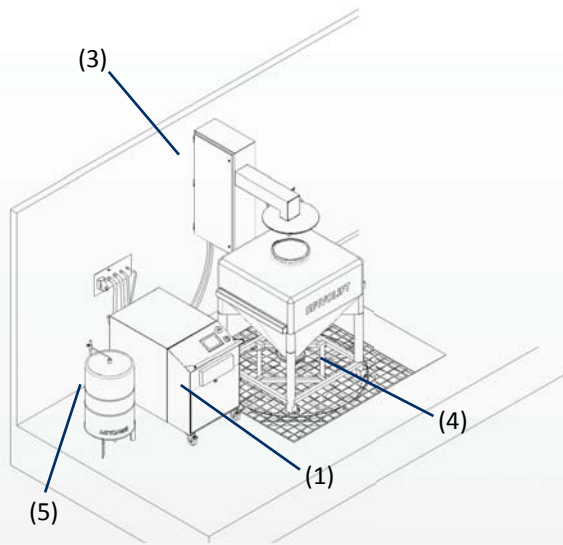
#### ► Container Washing station - Type: Allrounder

The Allrounder guarantees an optimized and validatable container washing. It is realized as automatic procedure. The equipment for our 4-step washing process is fully cGMP compliant and is combined with recipe- and user administration. All aggregates are implemented in a static rack which is moveable by an ergonomic handle. Outer washing operated manual by the help of lances. As completion for your cleaning process, use our separate drying station.

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(2) manual washing head



(1) washing station

Rack for preparation of media supply, detergent handling and blowing out

washing head with adjustable height for internal container washing - separate supply for tap water and PW rinse

Device of drum washing internally with holder and nozzles

Printer for batch protocols

Turn table manually driven for simplified outer washing



(3) (4) washing place with lifter for washing head



(5) washing device for drum

#### Technical Data:

- 4-fold washing procedure:
  - prewash, tap water, 20°C, approx 70l/min., 3-5 bar
  - main wash, tap water, 60°C, with/without detergents, approx 70l/min., 3-5bar
  - rinse, tap water, 20°C, approx 70l/min., 3-5 bar
  - final rinse, purified water, 20°C, approx 30l/min., 2-3 bar
- including air blowing steps, compressed air, 6 bar
- Hygienical requirements, separate tap- / PW-installations
- 2 detergent bins, 20l
- main dimensions: (B x H x L) 800 x 1250 x 1300 mm
- Net weight: 380 kg
- 4 steering casters - movable stainless steel rack with brake (option)
- operation by touchpanel 8", coloured including process visualization

#### Additional options available:

- PLC - control according GAMP 5 with password and recipe administration up to requirements according CFR 21 part 11
- Ergonomic Handling Turntable for manually rotation of container for exterior washing and inspection
- Lifter for inner cleaning lance with automatical height adjustment
- Device for additional cleaning of drums internally
- Buffer Tanks, Heat exchangers, Detergent Delivery Systems and other specials requirements