Cleaning Containment Solution as a closed process

internal cleaning of IBCs and process machines

SERVOLIFT
lifetime solutions

Experts in Handling,
Blending and
Cleaning Technology

► washing system - CP

The number of HPAPI (high potency active pharmaceutical ingredient) has been continuously increasing in recent years. At the same time, the manufacturing industry wants more flexibility in production to respond faster and more accurately to needs and changing demand. The complete IBC cleaning and drying solution for substances with high hazard classification up to OEB 5 for and pharmaceutical industries is at the end of all process steps in pharmaceutical solids production and meets this requirement including full validation.

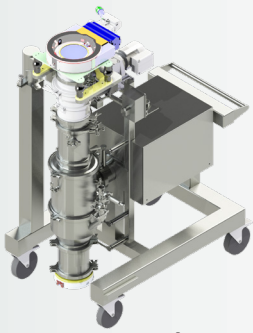
SERVOLIFT GmbH
Albert-Einstein-Straße 9
77656 Offenburg Germany

T. +49 (0) 781 6100 0
F. +49 (0) 781 6100 400

info@servolift.de
www.servolift.de

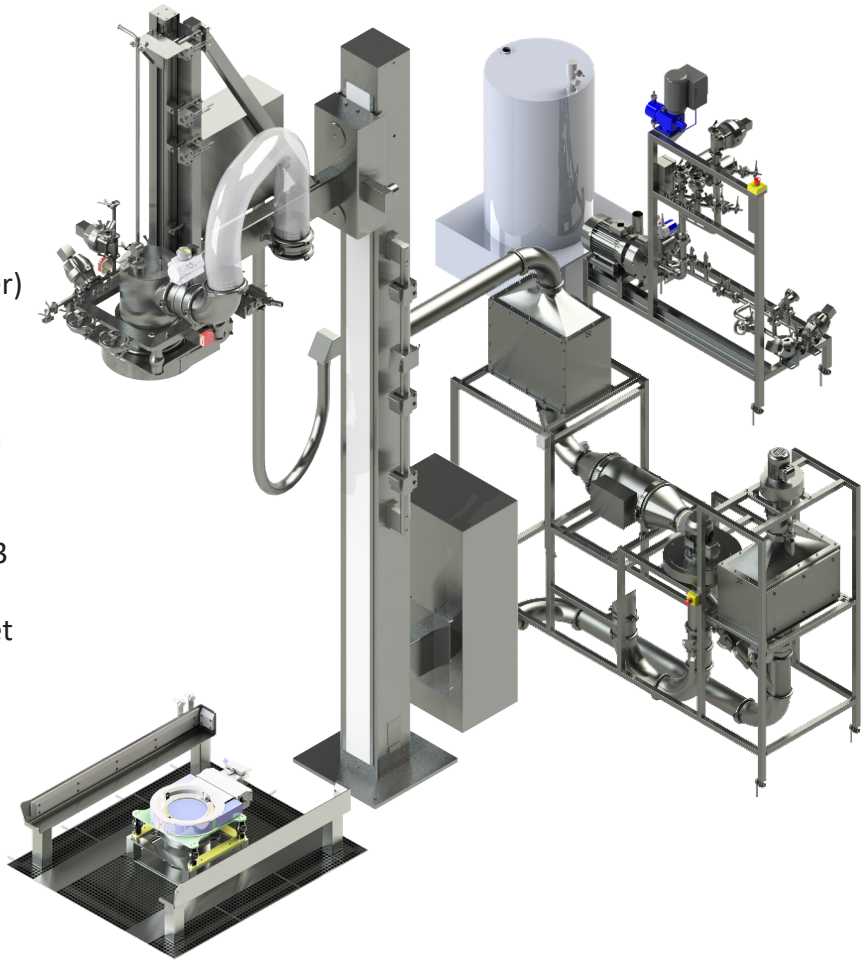
examples for cleaning requirements

container



process machine

- suitable for high containment
- containment valve system with split butterfly valves
- single-stage washing principle, no water circulation to avoid cross-contamination
- hydrokinetic head for cleaning (container) inner surfaces
- hydrokinetic head for cleaning bottom valves
- recipe controlled system with automatic controls, sampling, batch reporting and security access
- drying with HEPA filtered air (F9 and H13 filter)
- conductivity sensor possible in the outlet
- tri-clamp connections with EPDM seals
- system cleans IBC 50l - 2200l, dries and moistens e.g. the mill assembly.



SERVOLIFT GmbH | Albert-Einstein-Straße 9 | Germany 77656 Offenburg | T. +49 (0) 781 6100 0 | F. +49 (0) 781 6100 400 | info@servolift.de | www.servolift.de

additional available options:

- control for main and dosing pumps for adjusting the volume flow and for flow-dependent dosing of the cleaning detergent
- design according to CFR 21 part 11
- washing head lowering device with automatic positioning
- washing device for the internal cleaning of container and process machines
- further accessories on request