



Handling



Dispensing



Sieving



Blending



Container



Cleaning

Weighing System ServoDose

for filling tasks and efficient dosing of bulk materials with standard components



SERVOLIFT
lifetime solutions

Experts in Handling,
Blending and
Cleaning Technology

► Dosing system with intelligent vibration flap

Simple standard components, combined with an intelligent weighing control system, are the key success factors for an efficient dosing system in the pharmaceutical, chemical and food industries. The new weighing system is capable of handling a wide variety of containers, whether from a container into a sack or from a big bag into a drum.

A very high level of accuracy is achieved thanks to the specially developed compensator. The use of a vibrating flap ensures maximum flow for coarse dosing and high accuracy for fine dosing. Servolift offers customized solutions for specific applications or even more precise weighing.

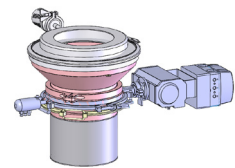
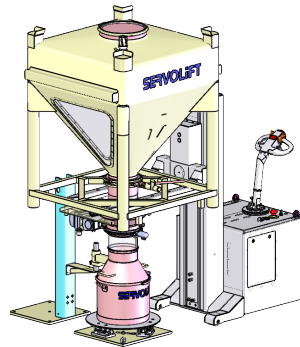
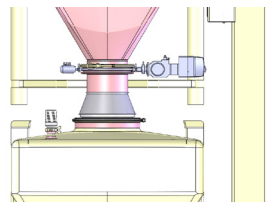
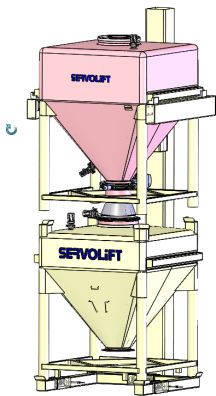
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- Intelligent control with simple parameterization
- No additional dosing unit required
- Cost-effective components, know-how is in the control unit
- Universally applicable but can also be adapted to individual requirements
- Can be combined with other dosing units or process steps (e.g. sieving)



Flap is located on the existing container. Weighing processes from this container into different containers are possible. Advantage: fewer parts to clean, direct connection

Flap on separate frame. Container can be mobile docked for weighing (coupling). Additional funnel required for dipping

Safe and efficient operation of the dosing system is ensured by a modern control panel with smart software. The system and the processes are displayed virtually on the panel so that the operating personnel are guided intuitively through the dosing process. The system provides information on the status of the system. It also provides information on maintenance, such as when to change the filter or when the maintenance interval has been reached.

Technical data:

Containers:	containers, big bags, drums, sacks, process machine
Flap/dosing unit:	ServoDose vibrating flap DN250
Compensator:	Servolift silicone compensator
Weighing principle:	Positive and negative weighing possible
Scale:	Mettler-Toledo
Accuracy:	depending on the minimum weight and weighing tolerance
Operation:	Siemens HMI Touch 15"
Control:	ServoDose software with Siemens SPS