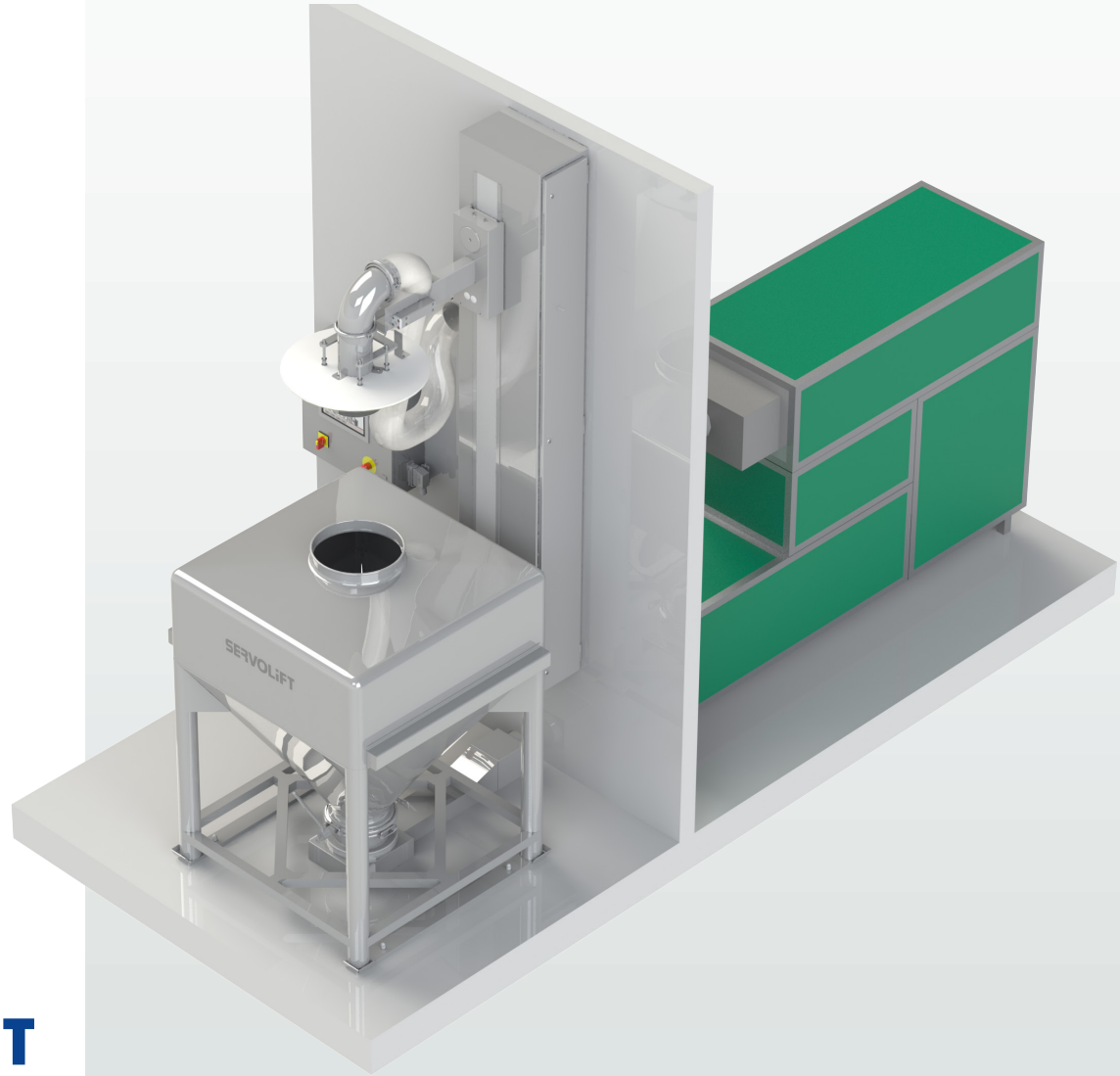
Container Drying - validateable

Drying Station as seperate process unit



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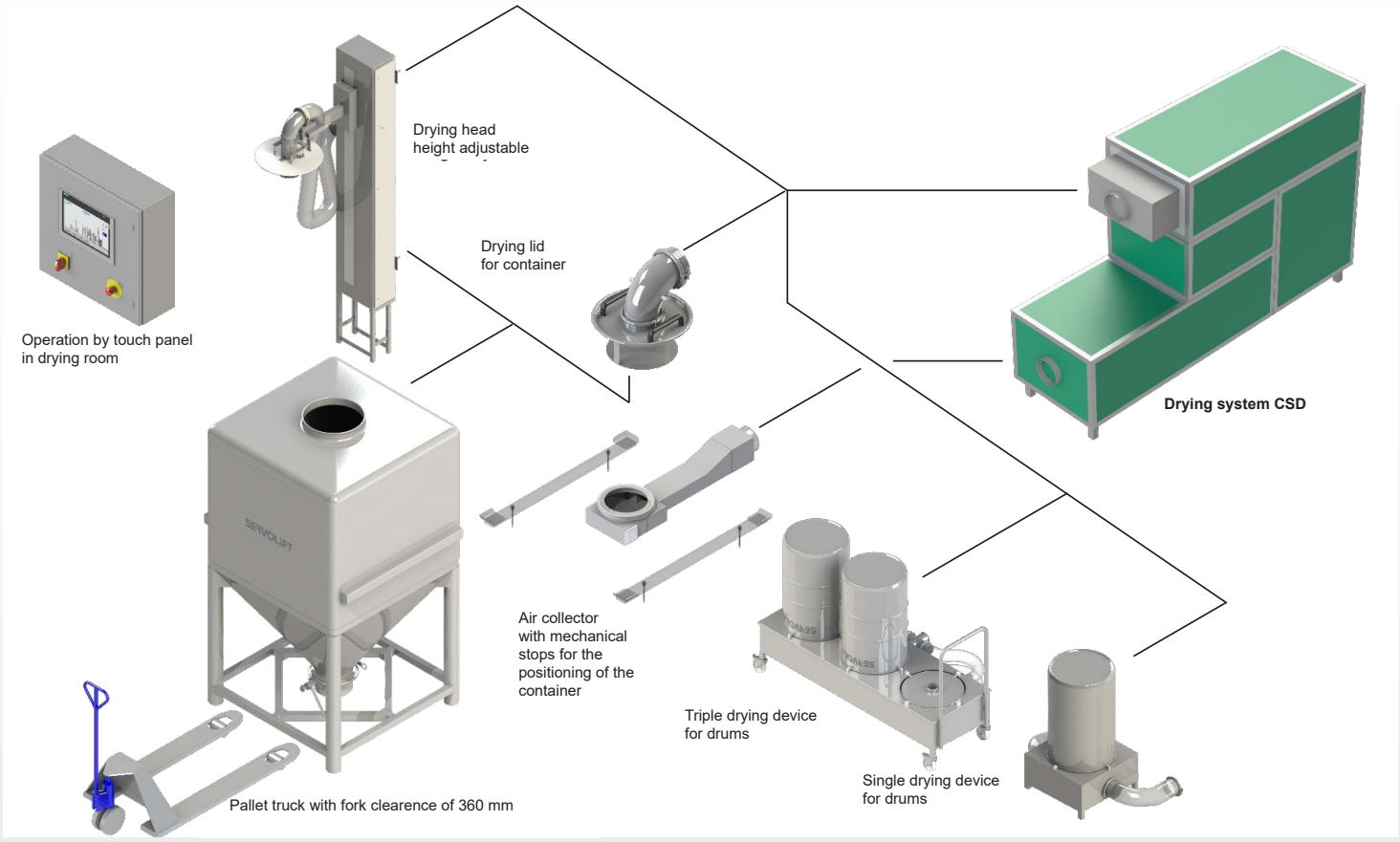
► Container Drying - CSD

This complete unit guarantees drying within the shortest time and smallest energy consumption. As a seperate drying station, containers are inserted manually and dried by controlled timer. While the technical aggregate is placed in a seperate (technical) room, drying takes place in GMP area.
All parts in contact with the drying air are completly made of AISI 304 and sealings conform to FDA requirements.



- Circulation air adjusted to container size:	approx 900m³/h
- Drying temperature:	continuously variable up to 80°C
- Electrical or steam heat exchanger:	approx. 20 kW
- Control:	SPS, Touchpanel 12“, IPC, processvisualization
temperatur and volume flow regulation	
- Software	user administration, recipe database
- Filter unit / class:	F9/H13
- Air contact materials:	AISI 304 optional AISI 316, sealings conform to FDA

The complete system ensures a successful drying process with low energy consumption.
Therefor the sucked in air is preheated by a cross-flow heat exchanger to, on the one hand, use the energy from the exhaust air and on the other hand reduce the required energy for the heating of the process air.
The supply air is prepared for hygenical use by passing a 2-step-filter system with class F9/H13.
The drying air contacting parts after the filter unit are made from AISI 304 optional AISI 316 and are conform to FDA.