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Clean affair

Simoflex GmbH from Argenbühl-Eisenharz solves demanding cleaning problems with drum and container washing systems

Cleaning drums and containers efficiently and economically is a challenge faced daily by employees in numerous companies and industries. Especially in smaller and medium-sized companies, the only solution is usually to use a high-pressure cleaner. More ergonomic and ecological are the drum and container washing systems of Simoflex GmbH: The staff is relieved, the containers are reliably cleaned and water is saved.

The Simoflex A mobile drum and container washing system is the basic model that was initially developed for the company's own use around ten years ago. This is because Simoflex GmbH emerged from Bolz Intec GmbH, which specializes in the manufacture of stainless steel drums, hoppers and pressure vessels. Cornelius Mauch, managing director of both companies: "In the manufacturing process, we were confronted with having to remove stamping greases from the containers. That's why we thought about it and developed the first model for our needs. Very quickly, our customers recognized the potential and requested the system from us." This has resulted in a continuously optimized model made of stainless steel, which today makes drum and container cleaning possible in an economical, environmentally friendly and ergonomic way. The Simoflex A is easily connected to the power socket and

to a water hose. Cleaning solutions can be provided in a canister and used as required with the assistance of the metering device with an adjustable membrane pump. The cleaning process can be regulated to the minute by a high-quality control system. An additional connection allows desalinated water to be fed in to the system for rinsing. Robust sensors ensure safety by detecting whether a container is in the correct position in the system. The heart of the system for reliable cleaning results is the telescopic arm, which is driven far into the interior of the tank by the water pressure and cleans the surface of even hard-to-reach bung drums via a special rotating nozzle. A hand brush can be attached to another connection, which employees can use to clean the outside of the container if necessary.



Closed drum washing system for containers up to 260 liters

In addition to the Simoflex A, there is now also the Simoflex Eco V2 model. This closed system is suitable for cleaning containers with a capacity of between ten and 260 liters and has an integrated, heatable tank with a pump for the washing water. "This model is used, for example, for container cleaning in laboratories," explains Cornelius Mauch. This is because cosmetics companies from the Allgäu region or pharmaceutical companies, for example in the Schussental valley, use the Simoflex systems in particular for reproducible and hygienic washing results.



"Especially in companies that produce sustainable cosmetics or products for health, barrel cleaning should meet ergonomic and ecological criteria."

Cornelius Mauch, Managing Director

Interested customers can send a typically contaminated drum to Simoflex and have it tested to see if

it can be cleaned in the systems. "We cooperate with a major manufacturer of cleaning products and test until we have found the optimal solution. With this service, our customers benefit from the fact that they receive a complete solution consisting of hardware and cleaning products and don't have to worry about it," he says. The ten employees of Simoflex GmbH also manufacture individual systems and special designs if required.

Ergonomic barrel cleaning instead of high pressure cleaner

Treating containers with a high-pressure cleaner consumes significantly more fresh water than cleaning in the washing system. But Cornelius Mauch cites another important point in favor of the systems: "In production and administration, ergonomics have been maintained and documented for many years. If only out of a sense of responsibility toward people.

This should also apply to the people who perform ancillary work such as barrel cleaning." After all, working with a high-pressure cleaner is noisy, generates noxious fumes and poses an increased risk of injury. Long-term exposure can even lead to hand-arm vibration syndrome, which can have serious consequences for those affected. Cornelius Mauch: "Our systems are affordable and the cleaning process can be integrated into the quality management system." This makes the washing systems an essential part of the production process - Simoflex customers can no longer imagine doing without them.

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