

CLEANING OF ESCALATORS

REQUIREMENTS

During daily use of the escalators, dirt and dust lint collect in the stairs, which can possibly lead to a fire hazard. Therefore, the steps must be regularly maintained and a fire protection cleaning must be carried out. During the general cleaning, all steps are removed and cleaned from the inside and outside.

PREVIOUS TECHNIQUE

Previously, these steps were cleaned either purely mechanically or with a high-pressure cleaner at a washing station. A suitable washing place must be available for this.

OUR SOLUTION

Low-pressure hot cleaning offers an excellent alternative here: In combination with a separate SRS collector - e.g. the size of a standard pallet - the steps can be cleaned quickly and thoroughly. There is no need for costly transport to a separate washing station.



In contrast to a high-pressure cleaner, only a fraction of the resources are needed: While a high-pressure cleaner needs at least 20-30 litres of water per minute and a corresponding amount of energy, low-pressure hot cleaning requires only 0.3 - 1.8 (devices with 7.5 bar) or 0.3 - 2.8 litres (devices with 14 bar). This saves money on the procurement and disposal of process water and protects the environment.

In contrast to high-pressure cleaners, there is also no formation of droplet clouds and it is not necessary to work in a protective suit. The process is therefore also much healthier than high-pressure cleaning.

In addition, thanks to the high temperatures, the process contributes to faster and thus more cost-effective drying of the steps.

YOUR ADVANTAGES

- Efficiency/quality: Significant time savings with fast and at the same time thorough cleaning. High temperature and sufficient pressure enable fast and complete cleaning in the shortest possible time.
- Minimal use of resources (water, waste water) compared to high pressure.
- Mobility: Devices are mobile and self-sufficient, and take up very little space; no separate washrooms required.
- Minimal splash-back effects, no clouds of droplets, no aerosols, thus also ideal for use in the workshop.

- Cleaning medium: Hot water without additives or with minimal addition of alkaline cleaner, therefore minimal costs for procurement and disposal. Cleaning medium can be reused multiple times with special recycling system.
- Considerably more pleasant, faster and more efficient work than with high-pressure cleaners; no protective suits required.
- Devices can be used universally, and are ideal for parts cleaning of all kinds
- Environmental protection: Less resources means higher environmental compatibility and significantly lower costs, and no high pressure means more safety at work for the employees.

In summary: Low investment, resource-saving and thus environmentally and health-friendly, also low operating costs, at the same time high efficiency and top quality.