

ProfilGate® aqua

ProfilGate® aqua is the cleaning system that not only **cleans the castors and wheels of industrial vehicles**, but also **reliably disinfects** them. Companies focussing on **maximum hygiene** are already using ProfilGate® aqua on a large scale: **Meat and food processors as well as industrial kitchens** use the blue brushes to separate **clean and unclean areas**. The cleaning systems are installed in the floor, where they are flush with the ground and clean and disinfect the walking surfaces with their active bristles every time they are passed - without any additional human effort. The ProfilGate® aqua system is therefore the vehicle equivalent of the hygiene sluice for people but is also suitable for shoe soles.

Managing Director Christian Löwe explains what prompted the ProfilGate® aqua system: 'We have seen in companies with the highest hygiene standards that employees go through the personnel entrance properly and first wash the soles of their shoes and then their hands. But a few metres away, handcarts drive into the company without comparable measures - **with the dirt from other areas!**' A solution had to be found to give the company's own customers the best possible competitive advantage.

Based on this idea, the entire ProfilGate® family is a group of products designed to always provide the **best cleaning for vehicle treads**. The cleaning fields store mechanical energy in their pre-tensioned brush strips, which is released in the form of a scrubbing motion as the vehicle passes over them. In addition, the ProfilGate® aqua variant offers **hygienic cleaning** thanks to the **disinfectant solution** that is applied to the rollers during cleaning.

The design and mechanics of ProfilGate® aqua offer some significant advantages for organisations looking to raise their **hygiene standards**. The ground-level installation not only allows use in the **emergency routes** but can be used in both directions - for people and vehicles. Simultaneous use as a **personnel and material airlock** is therefore possible. ProfilGate® aqua can be integrated into existing forced guidance systems. The absence of electricity is an additional simplifying advantage in wet environments. ProfilGate® aqua uses stainless steel grates and trays.

ProfilGate® aqua spray

The ProfilGate® aqua spray version also specialises in **disinfecting the undersides of industrial trucks** using water pressure. For this purpose, it has spray lances with nozzles that spray cleaning agents into a conical shape at a pressure of up to 3 bar using a compressed air diaphragm pump. These cones overlap - allowing the cleaning to cover the entire bottom of a vehicle. It has been specially designed to thoroughly **disinfect hard-to-reach moulds such as forks**. Vehicles and trolleys with a maximum weight of 10 tonnes can be cleaned in this way. Cleaning with ProfilGate® aqua spray enables clean undersides without lifting the vehicle, as the process takes place at ground level.

HEUTE Maschinenfabrik GmbH & Co. KG

The traditional Solingen-based company is the market leader for classic shoe shine machines, sole cleaning systems for industrial and commercial applications and industrial tire cleaning systems. Founded in 1905, the manufacturer initially produced shoemaking machines and later shifted its business to shoe cleaning. HEUTE Maschinenfabrik systems can now be found all over the world: both ProfilGate brand cleaning systems and shoe cleaning machines such as the COSMO can be found in factories and hotel lobbies all over the world. HEUTE Maschinenfabrik serves the global market with 45 employees and generated a turnover of 12 million euros in 2021 under its Managing Director Christian Löwe.