

The Powerful Start to Aqueous Parts Cleaning

EcoCedge



ECCLEAN

technology that inspires

EcoCedge: Aqueous Parts Cleaning. Powerful & Cost Efficient.

The EcoCedge is a powerful spray flood cleaning system with a vacuum-tight working chamber, which can be used for a very wide variety of industrial parts cleaning applications. Depending on the features installed the system is suitable not only for removing oil and emulsion from mass-produced parts but also for the fine cleaning of assembly parts. All the cleaning stages use an immersion process and aqueous media.

Removal of large quantities of swarf from mass-produced parts and particles of dirt with a defined size in fine cleaning can be achieved by selecting the appropriate filtering system and other application-dependent optional extras such as ultrasonic cleaning. Thanks to cross contamination reduction a long bath life is already achieved in the basic version.

With its versatility in application, its minimized floorspace needs as well as reduced per-unit costs and stable process quality, the EcoCedge adds to a successful performance in your production.

- + Powerful results and cost efficiency:** proven system technology for reliable results and reduced per-unit costs.
- + Universal application options:** 2- or 3-stage cleaning process with different selectable washing mechanisms and individual batch configuration.
- + Optimized fluid management:** with cross contamination reduction, cascading and integrated oil separator.
- + High drying efficiency:** through combined hot air and vacuum drying.
- + Compact system design:** small footprint with only about 5.8 sqm (2-tank system).
- + Extensive equipment and options:** such as ultrasonic cleaning, Aquaclen system for washing or rinsing bath preparation, cartridge filter, fine cleaning options.*



*Options vary for 2- and 3-tank system configurations.



➤ Efficient industrial parts and component cleaning for a wide variety of applications.

Equipment and Process

- Cleaning and drying process in a vacuum-proof work chamber with sight glass
- Work chamber is fed from the front
- Automatic work chamber door locking
- Rotation and oscillation movements to support the cleaning and drying effect
- Integrated full-flow filtration
- Integrated oil separator
- Siemens S7 PLC control system for custom programming of process sequences
- Closed system housing with integrated floor tray

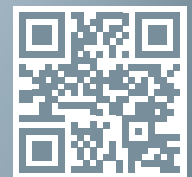
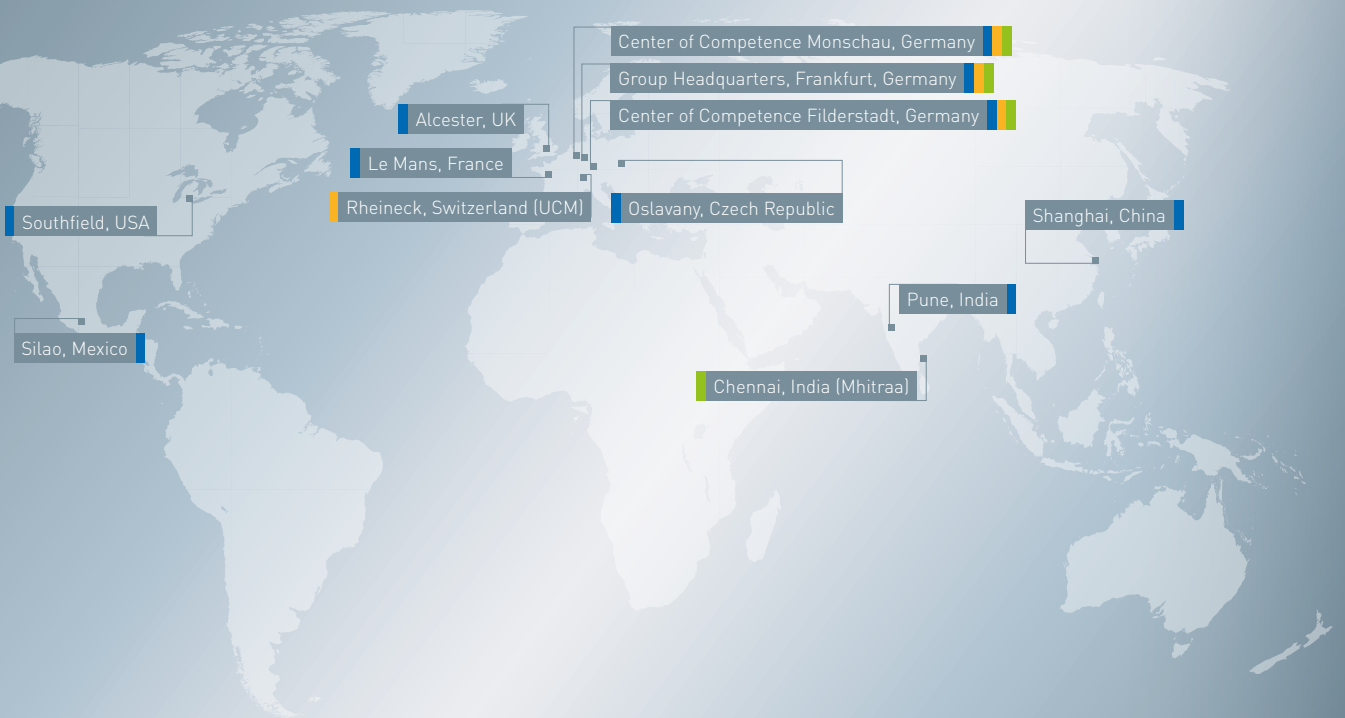
Option Packages & Additional Features

- Machine roof incl. aspiration of machine interior
- Vacuum drying
- Third flood tank for additional rinsing
- Cartridge filter for fine cleaning
- Waste water-free operation due to integrated Aquaclean treatment unit
- Dosing pumps for flood tanks 1 to 3
- Ultrasonic unit 3kW
- Magnetic insert flood tank 1
- Automatic conveyor
- Automatic basket lid placement
- Remote Service

Technical Data

SYSTEM DIMENSIONS	2-TANK	3-TANK
Width	3,200 mm	4,200 mm
Depth	1,800 mm	1,800 mm
Height	2,300 mm	2,300 mm
BASKET		
Batch size (max.)	670 x 480 x 300 mm	
Batch weight (max.)	150 kg	
Throughput	up to 11 batches/h	
CONNECTION		
Total load	approx. 74 kW	
Connected load	3x 400V/50Hz	
WORKING TEMPERATURE		
Washing, rinsing, preserving	up to 70°C	

Our Locations Worldwide



SBS ECOCLEAN GROUP