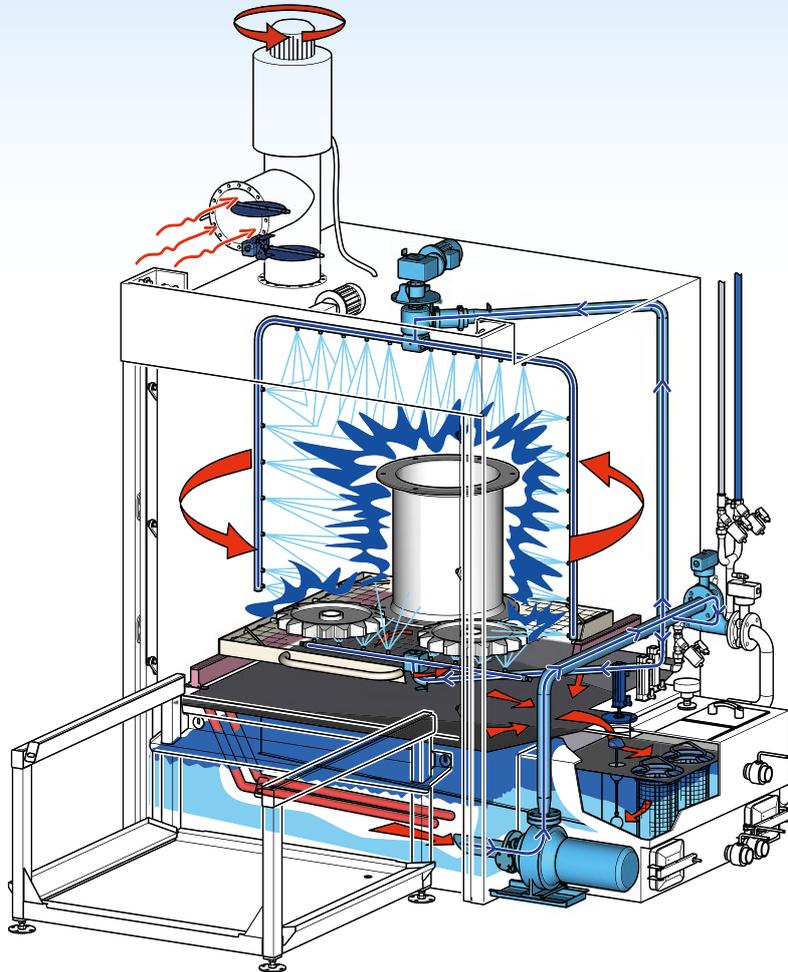




Think Clean



Technological, environmental
and energy-saving quality



Aqueous cleaning machines for the engineering industry; manufacturing environments, vehicle garages and maintenance workshops

We are there to solve your cleaning problems in all aspects; technically, environmentally and in an energy-saving manner.

**RELIABLE MACHINES
- CAREFULLY DESIGNED DETAIL**

Over the years, our designers and sales staff have studied thousands of different cleaning applications and their associated problems. With this experience behind us, we are able to offer you the best solutions to different cleaning processes. Our aim is zero defects between the cleaning machine and the rest of your production line.

FLEXIBLE PRODUCTION

By using equipment with the latest technology operated by highly skilled personnel, it is possible for us to produce tailor-made and complex cleaning machines as well as a comprehensive standard range. There are more than 20 standard models in the range; both spray- and full flow cleaning machines.

**ONE OF THE BEST IN
THE WORLD**

Our primary aim is to be the best in component cleaning. Aqua Clean has an excellent international reputation among users who are not only looking for technical solutions to their cleaning problems but also an effective and efficient production method. Our high demand for quality and good technical solutions are important reasons behind our success.

**SERVICES AND
PARTNERS**

Today there are Aqua Clean distributors in over 25 countries, in both Europe and Asia. We have agreements with Belki and Alkall AB. Belki, from Denmark, produce oil separators and filtration equipment and are specialised in coolant, oil and other processing fluids. Alkall AB of Sweden, produce rotating basket cleaners.

Since 1993 Aqua Clean has been based in Finland.



AS 100 • AS 150



AS Single Stage Machines

AS-machines are intended for the aqueous cleaning of small and medium sized components, when a single stage cleaning process is sufficient to fulfill the cleanliness requirements. They are mainly used in the engineering industry, for example in production environments, vehicle garages and maintenance workshops for the cleaning of metal components contaminated with the likes of oil, grease or solid particulate.

**SMALL DIMENSIONS
- HIGH CAPACITY**

AS machines are made from Stainless Steel and come with an insulated enclosed cabinet with a rotating spray system, a load carriage, a hinged door and a tank system. The hinged door acts as a load platform in the open horizontal position.

The cleaning process is carried out via a rotating spray system with built-in nozzles. The hot cleaning liquid is sprayed onto the components from all directions with a high mechanical effect. The liquid is then filtered and re-circulated.



AC 1.3 LD • AC 1.7 LD • AC 2.0 LD • AC 2.8 LD • AC2.9 LD

AC single stage cleaning machines are intended for the aqueous cleaning of medium and large components, when a single stage cleaning process is sufficient for the cleanliness requirements. The cleaning machines are mainly used in the production engineering industry, vehicle garages and the industry's maintenance workshops.



AC Single Stage Machines

Machines are intended for the cleaning of metal components contaminated with, for example, oil, grease and solid particles, in production and maintenance environments.

HIGH QUALITY BASIC SYSTEMS FOR MEDIUM SIZED COMPONENTS

AC machines are made from Stainless Steel and come with an insulated enclosed cabinet with a rotating spray system, a load carriage, a lifting door and a tank system. A load platform or a load trolley is placed in front of the cleaning machine for loading and the AC range can be automated and integrated into a production line.

CLEANING PROCESS

The process is carried out via a rotating spray system with built-in nozzles. Hot detergent liquid is sprayed onto the components from all directions with a high mechanical effect. The liquid is then filtered and recirculated.

ACCESSORIES

When the length of the component to be cleaned is much longer than its width the AC range can be supplied with a reciprocating spray system.



Multi 1.3-2 • Multi 1.7-2



Multi Stage Cleaning Machines

AC multi stage machines are intended for the cleaning of medium and large sized components, where the cleanliness requirements are more demanding. They are also designed for situations where the process itself requires a multi stage process e.g. iron phosphating.

**ALL AROUND SYSTEM FOR
DEMANDING CLEANING IN A
PRODUCTION ENVIRONMENT**

Machines are used for cleaning and rinsing of machined components before assembly. Compressed air blow-off and drying are available when necessary. The cleaning process is carried out via a rotating spray system with built-in nozzles. The hot detergent liquid is sprayed from all directions onto the components with a high mechanical effect.

Multi stage machines are made from Stainless Steel and come with an insulated enclosed cabinet with a lifting door, a rotating spray system and a tank system. A load platform or a load trolley is placed in front of the cleaning machine for loading and the Multi stage range can be automated and integrated into a production line. When the length of the component to be cleaned is much longer than its width the Multistage range can be supplied with a reciprocating spray system (OSC).



BRC Cleaning Machines

Aqua Clean BRC cleaning machines are intended for the aqueous cleaning of bulk parts. Complicated components are placed in a rotating basket in the machine. Our BRC machines are mainly used within the manufacturing industry as a final process with high cleanliness requirements.

FLOODING AND SPRAY CLEANING

Flooding occurs when spraying cleaning liquid with high flow and pressure into the bath. The flooding creates a strong turbulence and this combination of strong turbulence and a rotating basket results in cleaning liquid penetrating effectively into inaccessible channels, openings, blind holes etc. This cleans, effectively, even the most complicated component geometry.

CLEANING PROCESS

Aqua Clean BRC cleaning machines are intended for an aqueous cleaning process, consisting of cleaning and rinsing. Compressed air blow off and drying can be applied when necessary. An iron phosphating process before painting can also be carried out in the cleaning machines.

The cleaning machines are made from Stainless Steel and come with a cabinet with a rotating basket fixture, a tank system and a manual or automatic conveyor system.



Tunnel Cleaning Machines

Our tunnel cleaning machine module program consists of three cleaner sizes with a conveyor width of 200mm, 400mm and 600mm and with a nominal conveyor speed of 0,6m/min and 1,2m/min. In a tunnel cleaning machine a single-stage or multi-stage process can be created which consists of cleaning, rinsing, blow-off, drying etc. Customised tunnel cleaning machines that are produced according to customer specifications are also included in our programme.



Customized Cleaning Machines

Customised cleaning machines are designed to meet the customer's special requirements. Our company offers a flexible production, which enables us to produce complex cleaning machines. Customised cleaning machines can either be a modification of a standard cleaning machine, or a completely custom-made machine.