



Efficiency and economy

Tank cleaning technologies



Optimize performance by choosing the right tank cleaning machine

Thorough tank cleaning increases productivity, maintains product quality and eliminates cross-contamination risks. Trust Alfa Laval broad process knowledge, tank cleaning expertise, and a deep understanding of cleaning challenges. Choose the right tank cleaning machine from these four technologies:

- Static spray ball
- Rotary spray head
- Rotary jet head
- Wall-mounted cleaning nozzle

Let Alfa Laval help you optimize tank cleaning performance.



Alfa Laval static spray ball

Our most straightforward cleaning technology is the static spray ball, which uses a predefined static cleaning pattern to clean the tank interior.

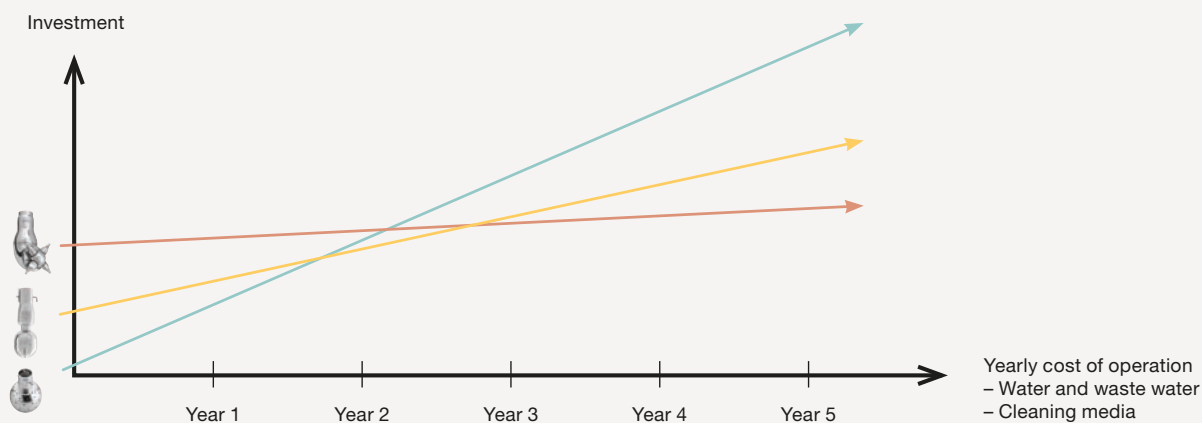
A free-falling film cleans the surface of the tank wall. However, this method requires sufficient time for cleaning to be effective. In short, the static spray ball requires longer cleaning times and has high operating costs than other technologies due to downtime.



Alfa Laval rotary spray head

Using an Alfa Laval rotary spray head can save up to 30% on water and cleaning media costs compared to the static spray ball. Spraying fan-shaped water jets in a dynamic cascading pattern cleans the tank faster and more effectively, reducing costly downtime.

Simply replace static spray ball technology with rotary spray heads to realize immediate cost savings. Retrofitting is easy since both use the same working pressure to operate.



Low total cost of ownership

Choosing the appropriate cleaning technology has the potential to save significant amounts of water, cleaning media and time, bringing you closer to achieving your sustainability goals.

While its initial investment cost is higher, the Alfa Laval rotary jet head has a significantly lower total cost of ownership over five years than the static spray ball and rotary spray head technologies due to its faster cleaning times and higher cleaning efficiency.



Alfa Laval rotary jet head

Achieve optimal cleaning efficiency with Alfa Laval rotary jet heads. More effective than static spray ball technology, these can reduce water and cleaning media costs by up to 70% while also cutting cleaning time by 50%.

Rotary jet heads use high-impact jet force to disperse the cleaning media, creating a progressively denser pattern to cover the tank surface completely. The high mechanical impact of the cleaning media effectively removes the most difficult-to-clean tank residues.

Alfa Laval wall-mounted cleaning nozzle

Pair your top-mounted tank cleaning device with the Alfa Laval PlusClean® cleaning nozzle for 100% impact cleaning coverage, up to 80% in water and cleaning media cost savings, and 0% contaminants.

PlusClean is installed flush with the tank wall or bottom. When activated during cleaning-in-place, it targets hard-to-reach areas like the back side of agitator blades with a fan of pressurized cleaning media.



This is Alfa Laval

Alfa Laval is active in the areas of Energy, Marine, and Food & Water, offering its expertise, products, and service to a wide range of industries in some 100 countries. The company is committed to optimizing processes, creating responsible growth, and driving progress – always going the extra mile to support customers in achieving their business goals and sustainability targets.

Alfa Laval's innovative technologies are dedicated to purifying, refining, and reusing materials, promoting more responsible use of natural resources. They contribute to improved energy efficiency and heat recovery, better water treatment, and reduced emissions. Thereby, Alfa Laval is not only accelerating success for its customers, but also for people and the planet. Making the world better, every day. It's all about *Advancing better™*.

How to contact Alfa Laval

Contact details for all countries are continually updated on our website. Please visit www.alfalaval.com to access the information.

