

Alfa Laval TJ40G cuts tank cleaning time and costs

The Alfa Laval TJ40G Rotary Jet Head tank-cleaning machine gets rid of residues while reducing cycle times and costs for energy, water and cleaning agents.

The latest innovation within the company's broad tank cleaning portfolio, the Alfa Laval TJ40G raises the bar for tank cleaning performance of critical hygienic applications in the food, dairy, beverage, pharmaceutical, home and personal care industries. What's new are an improved self-cleaning function of the interior and exterior of the device itself, and 100% coverage of tank interior.

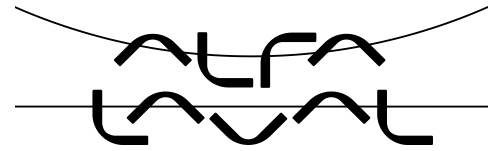
"Expect exceptional levels of tank cleaning from the new Alfa Laval TJ40G Rotary Jet Head," says Kim Kjellberg, Product Portfolio Manager, Tank Cleaning, Alfa Laval. "Designed in response to the demand for increased hygienic levels, the self-cleaning system is more effective due to numerous features such as small holes in the hub that make sure the cone of the machine is clean, thereby removing residues that other tank cleaning devices may miss."

The new Alfa Laval TJ40G complements the Alfa Laval TJ20G. Both offer the same exceptional cleanability, product quality, and significant savings on energy, water and cleaning agents due to faster, more effective cleaning than comparable technologies. However, the Alfa Laval TJ40G easily handles large tanks with capacities between 50 and more than 500 cubic meters in size while the Alfa Laval TJ20G handles small tank with capacities between 15 and 150 cubic meters in size.

Exceptional cleanability, reliability and predictability

Like the Alfa Laval TJ20G, the Alfa Laval TJ40G uses a high-impact jet stream to effectively clean tough tank residues and minimize the risk of product contamination. This four-nozzle rotary jet head also cleans tanks 60% faster than static spray ball technology, which increases production uptime. And because it cleans faster, the Alfa Laval TJ40G uses less water and less cleaning agents thereby reducing operating costs by up to 70%.

Alfa Laval introduces the new TJ40G, an extension of its broad line of rotary jet head tank-cleaning devices



Optimal cleaning pattern reduce cleaning media used

The eight-cycle cleaning pattern of the Alfa Laval TJ40G Rotary Jet Head gets successively denser as the cleaning cycle progresses, ensuring full coverage and thorough cleaning. Using the powerful mechanical impact of the jet stream to achieve outstanding cleaning results, the Alfa Laval TJ40G requires less time, energy, water and cleaning agents than comparable CIP methods.

Easily handles tough residues and solids

The Alfa Laval TJ40G is capable of handling tough tank residues as well as solids up to 1mm in the cleaning fluid. This is particularly important for demanding process lines where both the size and the amount of particles, such as brewhouse application, may be re-circulated in cleaning media before completing the cleaning cycle.

Complete self-cleaning system, inside and out

Not only does the Alfa Laval TJ40G Rotary Jet Head provide spotless cleaning of the tank interior, it also cleans itself – inside and out. Its hygienic self-cleaning construction ensures that the flow of the cleaning fluid reaches the external surfaces of the rotary jet head, as well as the critical internal components such as all bushings, bearings and inner surfaces. This minimizes the risk of product contamination and ensures a high product quality.

About Alfa Laval

Alfa Laval is a leading global provider of specialized products and engineering solutions based on its key technologies of heat transfer, separation and fluid handling.

The company's equipment, systems and services are dedicated to assisting customers in optimizing the performance of their processes. The solutions help them to heat, cool, separate and transport products in industries that produce food and beverages, chemicals and petrochemicals, pharmaceuticals, starch, sugar and ethanol.

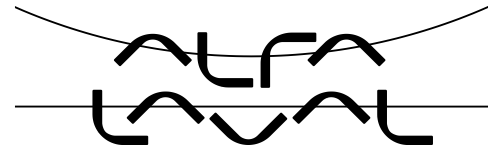
Alfa Laval's products are also used in power plants, aboard ships, oil and gas exploration, in the mechanical engineering industry, in the mining industry and for wastewater treatment, as well as for comfort climate and refrigeration applications.

Alfa Laval's worldwide organization works closely with customers in nearly 100 countries to help them stay ahead in the global arena.

Alfa Laval is listed on Nasdaq OMX, and, in 2015, posted annual sales of about SEK 39.7 billion (approx. 4.25 billion Euros). The company has about 17 500 employees.

www.alfalaval.com

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