See how Alfa Laval is taking the process industry further at ACHEMA

At ACHEMA 2018 in Frankfurt (Germany), Alfa Laval will highlight efforts to provide customers with the innovative technology, expert knowledge and close support to keep their businesses and processes continuously moving forward. This mission has been the inspiration for the company’s ‘Take it further’ theme, which will focus on four critical areas in today’s process industry: energy efficiency, productivity, waste reduction and maintenance.

During the exhibition, Alfa Laval will present bold product launches reflecting pioneering development in these four areas. New technologies on display will include revolutionary innovations for both separation and heat transfer. For example, the patented new UniDisc™ technology takes separation capacity and hygiene to all new levels for added productivity and simplified maintenance. The ACHEMA stand will also feature Alfa Laval T25 – the latest release in Alfa Laval’s next generation of plate heat exchangers that set new standards in efficiency, reliability and serviceability.

“We understand that more than ever, businesses in the process industry have to strive for new levels of both competitiveness and sustainability,” explains Magnus Edmen, Head of Service, Business Unit Gasketed Heat Exchanger at Alfa Laval. “That’s why we at Alfa Laval are committed to helping customers meet – and even exceed – their goals, whether it’s about maximizing uptime, minimizing power demands, boosting output or recovering waste streams.”

The centrepiece of the ACHEMA stand (D4 in Hall 4.0) will be a dynamic, interactive Experience Centre, where visitors will be able to dig deeper into the four focus areas and learn about relevant Alfa Laval products and solutions. Experts will also be on hand, both for open discussion and for dedicated short presentations and informative lectures.

Taking energy efficiency further
Demand for energy is at an all-time high, and companies are faced with the challenge of
finding new, profitable ways to support growth while simultaneously minimizing environmental impact. Alfa Laval develops efficient solutions to support customers in reducing both their power bill and CO₂ emissions. This includes products like robust plate heat exchangers that can help businesses save or even make money by taking advantage of excess energy generated in their processes.

Aurubis AG, one of the leading worldwide providers of non-ferrous metals, has seen the benefits of these energy-efficient technologies. Also thanks to eight high-capacity heat exchangers specially developed by Alfa Laval, Aurubis is going to reuse energy created in their processes to heat an entire new district in the city of Hamburg.

**Taking productivity further**

Every business is looking to boost their productivity. In a competitive market, however, this often comes down to having the right technology to accomplish more within an existing set of limitations. Alfa Laval invests heavily in research and has more than 2500 patents. From advanced new product features to connectivity solutions that support Industry 4.0 and enhanced project management, much of this development is intended to help customers simplify their business to get more done.

Recent examples of this include a major European chemical producer that installed high-efficiency, all-welded Alfa Laval Compabloc units as condensers. Thanks to the innovative, compact Compabloc design, they achieved higher capacity in less space, leading to substantial cost savings and greater output.

**Taking waste reduction further**

Managing wastewater and other waste streams is a constant challenge for the process industry, particularly given increasingly strict regulatory requirements. By managing waste in a smart way, it is possible to take advantage of costly resources instead of throwing them away. Alfa Laval can assist customers in finding smart, new approaches for limiting waste production, reducing wastewater streams or even recycling valuable ingredients.

The waste oil service company EcoOrientir LLP tried one such approach, installing Alfa Laval LYNX decanter centrifuges to clean up an oil lagoon. The technology allowed them to effectively separate the sludge into useable water, solid cake for fuel and marketable crude.
Taking maintenance further

Maximum uptime takes close collaboration between the equipment supplier and the user. Alfa Laval works with customers before, during and long after installation to optimize process performance and ensure the lowest total cost of ownership throughout the equipment lifecycle.

Alfa Laval support includes a wide range of services, from spare parts stock to help with predictive maintenance. Today the company also offers a range of connectivity solutions, including ConditionAlert™, a new proactive condition monitoring service for disc stack separators that will debut at ACHEMA.

These and many more solutions will be on display at the Alfa Laval stand, D4 in Hall 4.0, at ACHEMA 2018 in Frankfurt am Main, from 11 to 15 June.

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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 2017, posted annual sales of about SEK 35.3 billion (approx. 3.6 billion Euros). The company has about 16 400 employees.