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The Alfa Laval Olive Oil Booster helps oil mills reach new levels of productivity and profitability

In order to help manufacturers maximize the amount of high-quality olive oil they can produce, Alfa Laval has launched the Olive Oil Booster. This system is an innovative combination of different technologies that are designed to work in harmony with the rest of the production line and help improve overall extraction yield, increase antioxidant content in the oil and reduce process water consumption.

The Alfa Laval Olive Oil Booster is a first for the industry, and has been designed and engineered by specialist in the field. It can replace traditional malaxer technology or work alongside it, and the core of the system consists of a horizontal mixing tank equipped with plate heat exchanger (PHE) and a decanter centrifuge. The process, which also utilizes lower holding temperatures and vacuum pressure, means that more 'free oil' in the olive paste can be obtained, and that the overall antioxidant content is higher. Increased antioxidant levels are also beneficial to oil quality.

Improved efficiency for the entire harvest season

This new technology is ideal for maximizing extraction in the most difficult conditions, which means olive oil manufacturers can benefit from better yields over significantly longer periods. In addition to this, and the increased oil quality, the Olive Oil Booster also consumes less water while achieving higher process capacities. This means there's no impact on operating costs, but significant, positive impacts elsewhere.

"With this technology olive oil producers can see immediate benefits," says Giacomo Costagli, Business Centre Manager Olive Oil at Alfa Laval. "However, the return on investment only improves over time, as the Olive Oil Booster ensures higher yields and better products which can be sold for higher prices. It also helps to improve sustainability as not only is it energy efficient, but it allows producers to make more with less."

The innovative combination of different technologies together with Alfa Laval's engineering expertise has resulted in a solution which can help any olive oil producer improve their products and profits. It is ideally suited to a range of process types, from first extraction in batches or continuous, to second extraction or re-milling. The Olive Oil Booster is also suitable for all processes dedicated to the extraction of oil from fruit pulp, such as avocado oil extraction, which allows a wide range of businesses to experience the benefits of this technology.

To learn more about the new Alfa Laval Olive Oil Booster, please visit:
www.alfalaval.com/oliveoilbooster

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Editor's notes

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*[™].

Alfa Laval has approx. 16,700 employees. Annual sales in 2020 were approx. SEK 41.5 billion (approx. EUR 4 billion). The company is listed on Nasdaq OMX.

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