



Press Information

September 13, 2022

Quintus Technologies Rolls Out HPP Model with Industry's Largest Diameter Vessel

Scalable QIF 400L High Pressure Processing System Offers Up to 25% Boost in Load Efficiency in Compact Footprint

Västerås, Sweden, September 13, 2022 – [Quintus Technologies](#) today introduces the newest generation High Pressure Processing (HPP) system to meet the productivity needs of medium to large food and beverage processors.

Scalable from 4000 lbs. to 7000 lbs. (1800 kg to 3200 kg) per hour, the modular QIF 400L features a diameter vessel of 18.5 inches (47 cm), the largest available in the industry, for increased versatility and lower per unit production cost. Its compact footprint of 700 sq. ft. (70 m²) is designed for streamlined installation and robust operation, with fewer moving parts for less wear and an algorithm-based condition monitoring system that reduces the risk of unplanned stops.

“With its 18.5-inch diameter vessel, the QIF 400L represents a potential capacity increase of nearly 25% per load over 15-inch diameter vessels,” says Ed Williams, General Manager – Americas, Quintus Technologies. “This significant increase provides greater flexibility to accommodate large or bulk packaging, which is especially key for manufacturers who distribute through mass or wholesale merchandising channels. This in turn reduces labor costs, packaging expense, and the cost to produce per kilo, pound, or liter.”

Quintus Technologies is the global leader in high pressure technology. The company designs, manufactures, installs, and supports high pressure systems in three main areas: densification of advanced materials; sheet metal forming; and high pressure processing for food and beverage innovation, safety, and shelf life. Quintus has delivered more than 1,900 systems to customers across the globe within industries such as energy, medical implants, space, aerospace, automotive, and food processing. The company is headquartered in Västerås, Sweden, with a presence in 45 countries worldwide.



The QIF 400L is the second model in the Quintus [HPP](#) line-up, following the launch of the QIF 150L press in September 2021. This new-generation family incorporates advanced features like frequency-controlled motor drives for energy conservation; “SmartPress” cloud-based press management software; and easy access to all components requiring regular maintenance or inspection. The wire wound pressure vessel design of Quintus food presses is widely acknowledged to be the safest, most reliable, and durable pressure containment system ever invented.

“These [high-performing solutions](#) reflect the company’s leadership role in high pressure for nearly three-quarters of a century,” Mr. Williams comments.

Quintus press offerings are accompanied by the industry’s best-in-class HPP service program, [Quintus® Care](#), a customized service solution that ensures operational reliability, maximum performance, controlled annual costs, and long-term partnership. Application support is available at the company’s HPP Application Centers in the U.S., Sweden, and China, where food science experts help processors reduce delays in bringing new HPP products to market. The menu of services spans the entire [HPP development process](#), from optimized product formulations and packaging, in-house pathogen validation, and shelf-life studies to assistance with HACCP implementation and regulatory compliance and optimizing processing parameters for maximum ROI.

[High Pressure Processing](#) is recognized globally as the premium, non-thermal minimal-processing technique that enables the production of safer, preservative-free refrigerated foods and beverages with superior nutritional benefits and taste.

“As the originator of HPP technology, we are proud to help the food industry address global sustainability challenges such as food waste, product recalls, and related foodborne illnesses,” says Jan Söderström, CEO and President of Quintus Technologies. “With the addition of the scalable QIF 400L, we now have a gamut of state-of-the-art, high-performance press models that give processors of all sizes a competitive edge.”

Visit the Quintus HPP team at Pack Expo in Chicago, IL, Oct. 23-26, 2022, in the Processing Zone, Booth LU 7336.

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About Quintus Technologies

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Caption for image below:

Built to last for maximum reliability and operational efficiency, the scalable Quintus QIF 400L HPP system features an 18.5” diameter vessel that maximizes load capacity and throughput and a compact footprint for fast installation and ease of maintenance. (Image courtesy of Quintus Technologies)

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For a hi-rez version of this image, please go to

https://www.dropbox.com/s/9rc6i18hvvqwk0t/QIF400L_QuintusTechnologies_Prefered_220822.jpg?dl=0

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