

PRESS INFORMATION

June 15, 2023

Sweden's Quintus Technologies Will Supply Two Large Capacity HPP Systems to New Chinese Beverage Plant

Newamstar Packaging Machinery's Turnkey Solution for Yiqing Food Includes High Pressure Processing for Enhanced Food Safety, Nutrition

Västerås, Sweden, June 15, 2023 – A pair of [Quintus Technologies](#) High Pressure Processing (HPP) systems will begin operation in Yiqing Food's new beverage facility in Danjiangkou, Hubei province, China, later this year. Manufactured at Quintus's state-of-the-art facility in Sweden, the presses are part of a customized turnkey solution provided by liquid packaging expert [Jiangsu Newamstar Packaging Machinery Co., Ltd.](#), with both presses scheduled for handover in Fourth Quarter 2023.

Focusing on integrated solutions for smart factories making liquid products, Newamstar selected the Quintus press model QIF 400L-6100, which features a very large vessel diameter of 18.5-inch (47 cm), for its high capacity, reliability, and lower per unit production cost. Each press will perform 10 cycles per hour to meet Yiqing Food's target of 18,000 bottles of fresh juice per hour.

[High Pressure Processing](#) is the ground-breaking food safety technology that uses pressure instead of chemicals and heat to inactivate dangerous foodborne pathogens without compromising the quality or taste of the end product. HPP significantly extends refrigerated shelf life, producing preservative-free foods and beverages that retain their full nutritional benefits.

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.



Yiqing Food, a state-owned food conglomerate, is one of the largest domestic soft drink producers in China. Its new modern and highly automated plant in Danjiangkou includes a premium juice production line that integrates high pressure processing of its upscale mandarin orange juice.

“The Chinese market is seeing a growing demand for HPP products, as processors seek to bolster food safety and brand protection while consumers grow increasingly concerned with healthy, nutritious eating,” says James He, Newamstar’s Chief Executive Officer. “Consumers appreciate the value of fresh, high-end fruit juices and teas that undergo the HPP process, such as Yiqing’s popular mandarin orange juice, which will be made in the Danjiangkou facility.”

The global leader in high pressure technology, Quintus has long been active in the Chinese market, supporting its customers with a well-established service operation across the APAC region. The company opened a China office in January 2018 to better serve its local customers.

The [QIF 400L press family](#) incorporates advanced features like frequency-controlled motor drives for energy conservation; “SmartPress” cloud-based press management software; fewer moving parts for reduced downtime; and easy access to all components requiring regular maintenance or inspection. The press’s wire-wound frame and cylinder design for safety and lighter weight reflect Quintus’s legacy as the HPP pioneer.

“These high-performing solutions illustrate how Quintus has maintained the lead in high pressure for almost 75 years,” Mr. He comments. “The QIF 400L presses are supported by a long legacy and meet Yiqing’s needs seamlessly. It is important for us to select the best quality equipment to meet our customers’ demanding specifications.”

“The new generation of Quintus HPP systems helps processors boost production efficiencies through high system availability and controlled service costs,” Jan Söderström, CEO and President of Quintus Technologies, points out. “We are pleased to embark on this new partnership with Newamstar and look forward to working with them as Yiquing Food continues on its growth trajectory,” he concludes.

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About Quintus Technologies

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About Jiangsu Newamstar Packaging Machinery Co., Ltd.

Listed on the Shenzhen Stock Exchange since 2016, Newamstar is a specialist in integrated solutions for smart factories making liquid products, including beverages, dairy products, and condiments. In the field of water, fruit juice, tea, carbonated soft drinks, and functional drinks, Newamstar brings outstanding production layout and value-added producing experience to users, from pretreatment to filling, downstream packaging, and intelligent warehousing. The company's expertise in liquid packaging ensures that its customized turnkey solutions represent the perfect combination of process design and product-line engineering. To learn more, go to <http://en.newamstar.com/>

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Caption for image below:

Built to last for maximum reliability and operational efficiency, Quintus HPP systems are designed with an economical smaller footprint for fast installation, ease of use, and streamlined maintenance. (Image courtesy of Quintus Technologies)

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