



March 2025

Alfa Laval PureBallast 3 Ultra secures orders from leading shipyards, marking early market success

Alfa Laval PureBallast 3 Ultra is the latest ballast water management system (BWMS) built on proven PureBallast 3 technology. Just a few months after its introduction, PureBallast 3 Ultra has already secured orders from top shipyards worldwide, with deliveries set to begin in Q3 2025. The new system delivers enhanced performance, greater energy efficiency, and simplified installation.

Advanced system that meets shipyards' demands

Despite a declining retrofit market, Alfa Laval made a business decision to invest in developing PureBallast 3 Ultra, solidifying its commitment to remaining a trusted partner in the ballast water management (BWMS) space. While other market players may be moving to other sectors, Alfa Laval continues to push forward with a focus on delivering advanced BWMS solutions that meet the evolving needs of shipyards and shipowners.

Alfa Laval PureBallast 3 Ultra has already seen a rising demand in the market with confirmed orders from leading shipyards in China, South Korea, and Japan—the world's top three ship building nations—as well as shipyards in other parts of the world.

The PureBallast 3 Ultra's rapid adoption is driven by its innovative design, built on insights and experience gained from the thousands of PureBallast systems sold, installed, commissioned and serviced by Alfa Laval since its development in cooperation with Wallenius Water in 2006. The system's compact design, reduced footprint, and optimized system integration have been widely appreciated by shipyards, particularly for tanker vessels where space is critical. Additionally, the integrated Cleaning-In-Place (CIP) and UV reactor module design minimizes piping requirements, reducing installation costs and complexity.

"This is a demanding time for shipyards, with full order books and an increasing need to adopt new technologies to meet evolving environmental regulations. These changes require new ways of working with ship design and ship building," says **Peter Nordström**, R&D Manager, Alfa Laval PureBallast. "We have listened to our shipyard customers and developed a PureBallast system that simplifies installation while meeting their high standards. With deliveries set to begin in the second half of 2025, many orders are already in place, confirming strong market confidence."

Delivering performance and compliance to ship operators

While shipyards benefit from easier installation, PureBallast 3 Ultra has also been designed to meet the expectations of the ship operators. The system ensures superior performance in all water conditions while maintaining low power consumption, making BWMS compliance more manageable. Furthermore, all PureBallast 3 Ultra systems will be connectivity-ready, allowing for remote monitoring and optimized service support.

“Early feedback from shipowners on PureBallast 3 Ultra has been highly positive. We are entering a new era in ballast water management now that the retrofit phase has ended. However, regulations continue to evolve, and the experience-building phase will soon be completed,” says **Tobias Döscher**, Head of Global Sales, Business Development and Marketing, Alfa Laval PureBallast. “We are confident that our new system will make BWMS compliance easier to achieve on board.”

With the increasing focus on BWMS compliance—especially with the upcoming concentrated inspection campaign (CIC) in September 2025—vessel operators need a strong partner who supports them throughout the vessel’s lifetime. As always, customers will have Alfa Laval resources and knowledge close at hand. Alfa Laval’s production in Qingdao, China, will mean shipyard support and smooth deliveries of PureBallast 3 Ultra, beginning in Q3 2025.

To learn more about Alfa Laval PureBallast 3 Ultra and Alfa Laval’s approach to ballast water management, please visit: www.alfalaval.com/pureballast

Explore Alfa Laval’s sustainable solutions & technologies: [Sustainable shipping solutions and technologies | Alfa Laval](#)

For more information, please visit the Alfa Laval Marine webpage:
www.alfalaval.com/marine

For further information, please contact:

Tobias Döscher

Head of Head of Global Sales, Business Development & Marketing, PureBallast
Alfa Laval Marine Division
Phone: +49 40 7274 2383
E-mail: tobias.doescher@alfalaval.com

Helena Sannicolo

Vice President Marketing Communications
Alfa Laval Marine Division
Phone: +46 70 569 3806
E-mail: helena.sannicolo@alfalaval.com

Editor's notes

About Alfa Laval PureBallast

PureBallast, which was the first commercially available ballast water treatment solution, is a chemical-free technology sold and serviced by Alfa Laval. A vital component of PureBallast is the enhanced UV reactor, which was developed jointly by Alfa Laval and Wallenius Water based on Wallenius Water technology. All PureBallast systems are available with both IMO and U.S. Coast Guard type approvals.

This is Alfa Laval

The ability to make the most of what we have is more important than ever. Together with our customers, we're innovating the industries that society depends on and creating lasting positive impact. We're set on helping billions of people to get the energy, food, and clean water they need. And, at the same time, we're decarbonizing the marine fleet that's the backbone of global trade.

We pioneer technologies and solutions that free our customers to unlock the true potential of resources. As our customers' businesses grow stronger, the goal of a truly sustainable world edges closer. The company is committed to optimizing processes, creating responsible growth, and driving progress to support customers in achieving their business goals and sustainability targets. Together, we're pioneering positive impact.

Alfa Laval was founded 140 years ago, has customers in 100 countries, employs more than 22,300 people, and annual sales were SEK 66.6 billion (5.8 BEUR) in 2024. The company is listed on Nasdaq Stockholm.

www.alfalaval.com