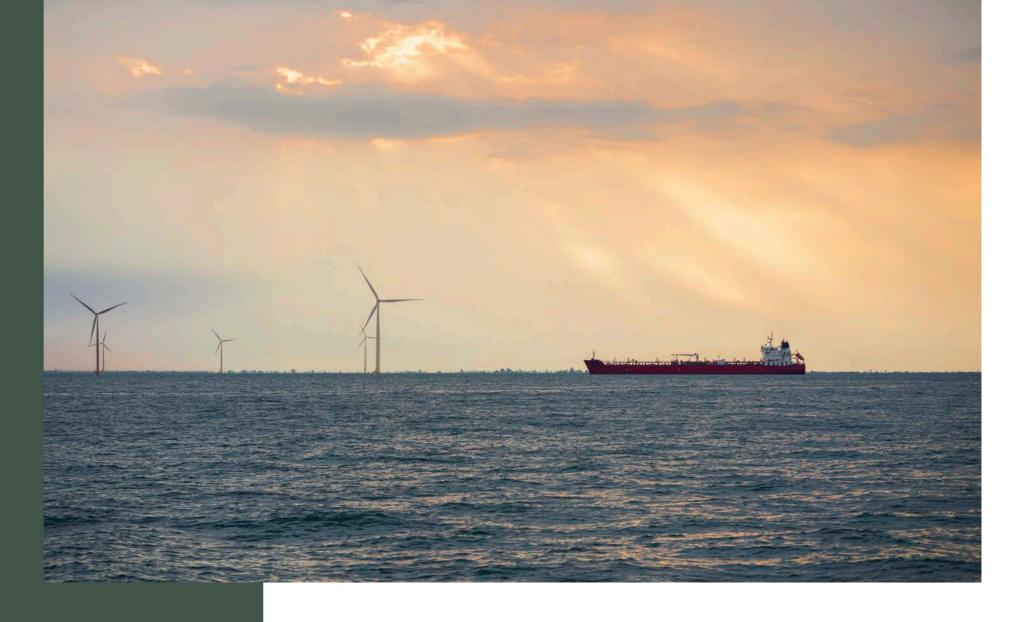


# Powering abetter future The accelerating climate changes call for a complete Svanehoj designs and manufactures specialized Svanehoj's mission is to help power a better deepwell and submerged marine pumps for vital future by offering solutions and services that transformation from fossil fuels to clean and renewable applications within fuel, cargo, and offshore, as support a rapid transition to renewable energy energy types. At Svanehoj, we take pride in having the in the hard-to-abate sectors. At least 95% of well as high-end tank gauging systems for LNG knowledge, the pump solutions, and critical components our R&D budget is invested in solutions for the and LPG storage on vessels and land-based to develop a safe and fast transition. terminals. Svanehoj is also a leading full-scope energy transition. Our pump technology provider of inspection, service, and calibration of is compatible with all forms of liquified gas, including LNG, LPG, CO2, ammonia, and cargo equipment on gas and product and



We have almost 100 years of maritime experience in meeting stringent requirements for pumps operating in the most demanding conditions.





# A strong commitment through a long history

Svanehoj was founded in 1928 by F. Dam, a visionary and hardworking marine engineer. Shaped by his own experiences at sea, he wanted to develop better and more reliable marine pumps.

From the start, Svanehoj strived for reliability and excellence through relentless ingenuity.

Motivated by the core idea that you can always do better, the pumps were continually improved.

In the 1960s, Svanehoj developed the deepwell pumps, setting a completely new standard for cargo pumps and the safe handling of complex fluids. With the development of DW Fuel Pumps years later, Svanehoj again set new standards.

After almost a century, Svanehoj still delivers innovative solutions based on customer needs for handling complicated fluids and liquified gasses.

Today we are set out to help overcome the barriers towards a zero-carbon future with new businesses and services for the offshore and onshore industries.

Powering a better future.



## **DW FUEL PUMP**

The renowned Deepwell Fuel Pump provides a solution that not alone supports eco-friendly LNG-fuelled vessels but also alternatives such as LPG, ethane, methanol, and even ammonia. Being future-proof and reliable like no other it ensures operational safety and efficiency wherever the fuelling transition will take you.





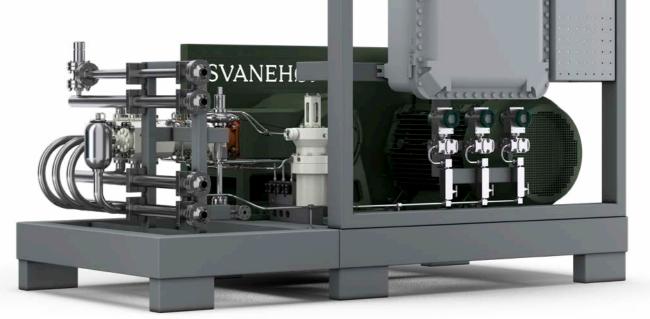
## SUBMERGED FUEL PUMPS

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Next to the Deepwell Fuel Pump, you find our new Cryogenic Submerged Fuel Pump. It is exclusively designed and produced for maritime use – a testament to our DNA and a new strong solution in Submerged Fuel Pumps It is immensely efficient, immensely reliable, and assisted by our strong global aftersales service set-up.

## HPP TRIPLEX PUMP UNIT

The HPP Triplex Pump Unit is engineered to meet the growing demand for an efficient and high-performing LNG fuel supply system. By integrating the HPP Triplex Pump Unit into your operations, you benefit from having a single supplier for both low- and high-pressure LNG fuel pump solutions throughout the green transition.





## **NH3 FUEL PUMP**

Svanehoj now introduces a new addition to our product portfolio - the NH3 Fuel Pump. With this launch Svanehoj offers a unique ability to provide both Low-Pressure (LP) and High-Pressure (HP) fuel pumps. Svanehoj is the only supplier offering this dual capability, leveraging the same trusted pump technology for both pressure ranges. This consistency across LP and HP pumps not only simplifies the installation process but also reduces the complexity and cost of maintenance, as customers benefit from a unified proven approach.

# Dependable design – unmatched performance

## DW CARGO PUMP FOR PRODUCT AND CHEMICALS

The Deepwell Cargo Pump for product and chemical tankers are driven by unparalleled technology and a unique electrical handling system. Compared to traditional hydraulic technology this ensures up to 20% higher efficiency, significantly less maintenance and minimal CO<sub>2</sub>-emissions.





### **DW CARGO GAS PUMP**

For decades, Svanehoj DW Cargo Pumps have been the backbone of marine cargo operations, renowned for their unwavering performance and efficiency.

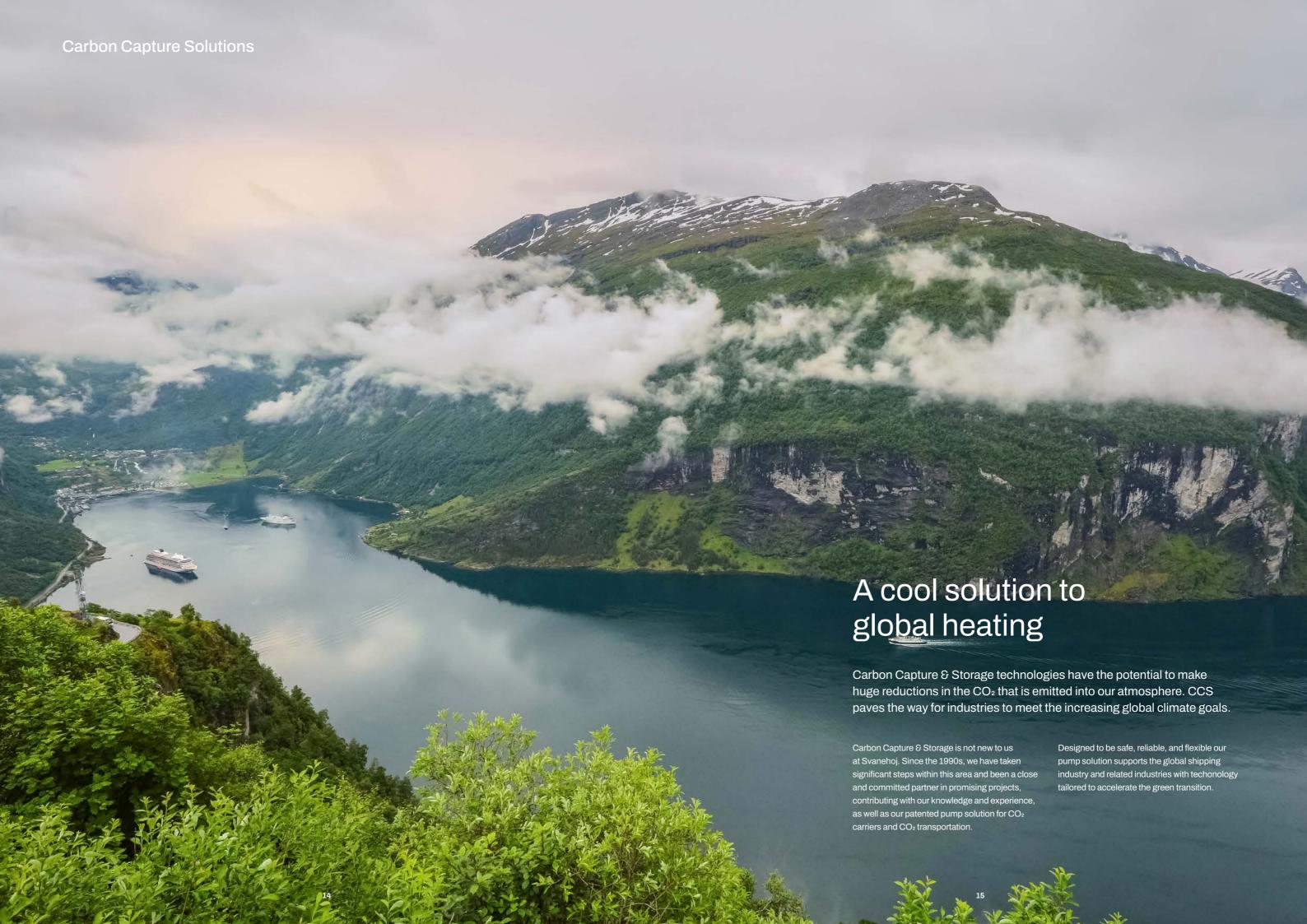
Our commitment to continuous improvement means that these pumps are not only built to handle today's demands but also equipped to embrace future challenges and opportunities.

With more than 14.500 pumps delivered and more than 2.000 pumps currently in operation worldwide, the Svanehoj DW Cargo Pump is a testament to our engineering excellence. It is designed to handle a wide range of gas cargo, including LNG, LPG, ammonia, methanol, and ethane. This versatility ensures that our pumps are ready for the evolving energy landscape, including applications in carbon capture and storage.



At Svanehoj we aim to provide innovative and dependable pump solutions that stand the test of time.

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# Enhancing the safety of LNG storage

Svanehoj provides the design, manufactures, and service of high-end measurement systems for gas tanks on LNG ships, offshore storage, and land-based LNG terminals.

Precise monitoring of LNG tanks is vital since LNG can be of widely varying quality. As a result, there is always the critical risk of stratification and a potential 'rollover' with severe consequences.

For many years, Svanehoj Tank Control Systems has developed cutting-edge technologies that enhance the safety of LNG, cryogenic and refrigerated storage. This involves monitoring and shut down systems both onshore and offshore. As a matter of fact, Svanehoj Tank Control Systems was the first to provide a level, temperature, and density (LTD) gauge for floating storage.



## HYDRAULIC CONTROL UNIT

Our hydraulic control panels integrate seamlessly with your site's safety devices. The 06999 Customized Hydraulic Control Unit is perfect for large LPG installations and can be tailored to your needs. For smaller setups, the 05999 Compact Unit offers a reliable, modular solution for up to five hydraulic lines, with fast delivery and easy maintenance.



## LTD GAUGES

Our LTD Gauges are an integral component of a comprehensive LNG storage tank instrumentation solution. The Whessoe LTD Gauges - designed and manufactured by Svanehoj - were the pioneers in offering a level, temperature, and density (LTD) gauge specifically for floating storage applications. Today, these LTD Gauges stand as the most advanced in the industry.







## LT GAUGES

The servo gauge 01143-2, designed for LPG and LNG refrigerated tanks, provides a simple and precise solution for continuous liquid level measurement. It utilizes a combination of inductive sensing technology and precision perforated tape for accurate readings. The electronics, servo motor, and I.S. barriers are housed in a separate flameproof compartment, allowing for easy maintenance and servicing.





The Engine Room Pumps from Hamworthy Pumps are designed for ultimate reliability, accessibility, and efficiency in the toughest operating conditions. Produced in the highest quality materials, these pumps feature a proven simplicity of design and responsive support, making them a trusted choice for vessels worldwide.

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With over 100 years of expertise, Hamworthy Pumps is renowned for its high-quality in-line pumps in the Marine, Offshore, and Defense sectors.

## **PUMP ROOM SYSTEMS**

Our PumpRoom Systems, characterized by a separate pump room in front of the engine room, offer easy access for inspection and maintenance and great flexibility in choosing a prime mover. They have compact configurations for optimum pump room layout combined with high operational efficiency.



## **ENGINE ROOM PUMPS**



## FIRE WATER PUMP **PACKAGES**

The Hamworthy Pumps Fire Water Pump Packages (FWPPs) are designed to be self-contained according to NFPA 20 regulations, while also meeting the operational requirements of the marine, offshore and onshore markets.



