



 **Hamworthy Pumps**
catch the waves

YOUR RELIABLE PARTNER IN

Engine room pump solutions

Proven solutions for ultimate reliability and efficiency

Engine room pumps are critical for operations and sudden failures at sea can be costly. Recognized as a leading expert in pumping systems for the marine industry, Hamworthy Pumps delivers proven solutions for ultimate reliability and efficiency.

Based on a wide range of quality pumps and multiple configuration options, Hamworthy Pumps offers tailored engine room solutions for all vessel types, providing considerably flexibility while matching every customer need. Taking advantage of decades of experience and continuous research and development, all engine room solutions are distinguished by: High performance, premium materials, robustness and reliability, easy maintenance and low power consumption.

Together with worldwide and highly skilled 24/7-service this guarantees well-run operations and well-run business for our customers. Proud of close and long partnerships around the globe, Hamworthy Pumps never leaves focus on what matters most: Results you can trust.

Benefits of a strong partnership

For more than a century Hamworthy Pumps have taken pride in being an excellent supplier and business partner and continue to work to deliver the very best.



Premium quality

Tough conditions call for tough materials and premium quality. Hamworthy Pumps use nickel aluminium bronze as standard for seawater application because it has the longest service life. Stainless-steel and duplex-steel solutions are also available, so are upon request bronze and cast-iron materials.



Multiple configurations

Hamworthy Pumps are application-specific pumps with multiple orientations and configuration options both for ease of installation and optimisation of space. Where requirements are not within the scope of supply, Hamworthy Pumps will still be able to source and provide a complete pump package through strategic partnerships with global suppliers such as screw, gear pumps and other type of positive displacement pumps.



Comprehensive range

Hamworthy Pumps offer vertical and horizontal pumps with capacities up to 6000 m³ and pressures up to 160 mbc, which have been proven for years in marine and offshore applications.



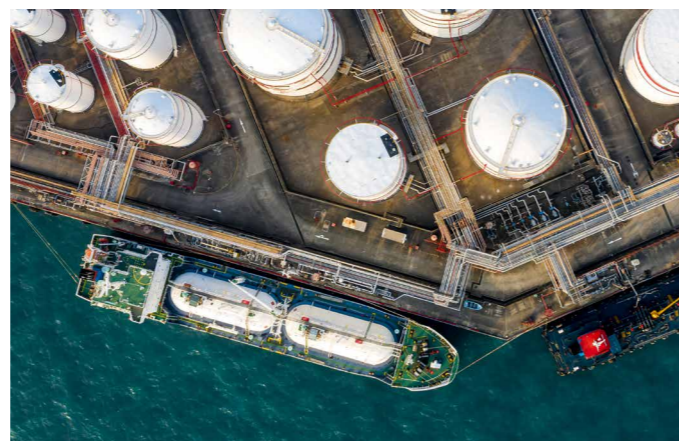
Fast delivery

Besides stocking of various bare-shaft pump models, we have up to 85% spares requirement readily available for worldwide delivery to meet your project schedules.



High performance and reliability

Robust yet compact, Hamworthy Pumps deliver high efficiency and reliable suction performance with decades of proven offshore service.



Quality, health, safety & environment

Hamworthy Pumps operates with the QHSE management system, which conforms to ISO 9001:2015, ISO 14001:2015, OHSAS 18001:2007 and is certified by DNV GL.

We also hold various product certifications under classification societies such as ABS, BV, DNV GL, LR, NK and we are able to provide other classifications upon request.

Engine room pumps

Hamworthy Pumps have a broad range of engine room pumps optimized to suit your needs and challenges. Applications include ballast, fire, fresh/sea water, cooling and general service.

Model CG

Vertical in-line single stage pump in single suction impeller, radially split casing with flexible spacer coupling and hydrodynamic sleeve bearing.

CAPACITY RANGE & PRESSURE	ADVANTAGES	APPLICATION
Capacity: 30 – 1100 m³/h Differential pressure: 15 – 120 mlc.	Long-established vertical between bearings design. Pump is available as a tested bare-shaft replacement with own bearings.	Ballast, fire, fresh/sea water cooling & general service.

Model CSP

Horizontal single suction impeller, radially split casing, rigid coupling with hydrodynamic sleeve bearing.

CAPACITY RANGE & PRESSURE	ADVANTAGES	APPLICATION
Capacity: 10 – 100 m³/h Differential pressure: 10 – 30 mlc	Very compact size. Integrated mechanical seal enables a very short maintenance turnaround time.	Sewage, grey water, wastewater.

Model CGX

Vertical in-line overhung pumps with single suction impeller, radially split casing with flexible coupling options.

CAPACITY RANGE & PRESSURE	ADVANTAGES	APPLICATION
Capacity: 30 – 1600 m³/h Differential pressure: 15 – 150 mlc	Very compact size. Intergrated ball bearings and mechanical seal assembly enables a very short maintenance turnaround time.	Ballast, fire, fresh/sea water cooling & general service.

Engine room pumps

Hamworthy Pumps have a broad range of engine room pumps optimized to suit your needs and challenges. Applications include ballast, fire, fresh/sea water, cooling and general service.

Model Dolphin

Vertical in-line single-stage single/double suction, overhung pumps with rigid coupling, radially split. Option for external bearings/flexible coupling.

CAPACITY RANGE & PRESSURE	ADVANTAGES	APPLICATION
Capacity: 20 – 1400 m³/h Differential pressure: 10 – 130 mlc.	Very robust design, double suction on larger pumps, end suction variants available.	Ballast, fire, fresh/sea water cooling & general service.

Model CA

Vertical in-line between bearing pumps with double suction impeller, axially split casing with rigid coupling options.

CAPACITY RANGE & PRESSURE	ADVANTAGES	APPLICATION
SINGLE STAGE Capacity: 800 – 4500 m³/h Differential pressure: Up to 40 mlc.	Compact axially split casing design with double suction capabilities and low NPSH requirement.	Ballast water, fresh/sea water cooling, sea water lift.
TWO STAGE Capacity: 100 – 400 m³/h Differential pressure: Up to 120 mlc.		

Model CB

Vertical in-line between bearing pumps with double suction impeller, axially split casing with flexible coupling options.

CAPACITY RANGE & PRESSURE	ADVANTAGES	APPLICATION
Capacity: 600 – 6000 m³/h Differential pressure: 150 – 180 mlc	Low shaft stiffness ratio and compact design in multiple orientations.	Cargo offloading, firewater, ballast, fresh/sea water cooling.

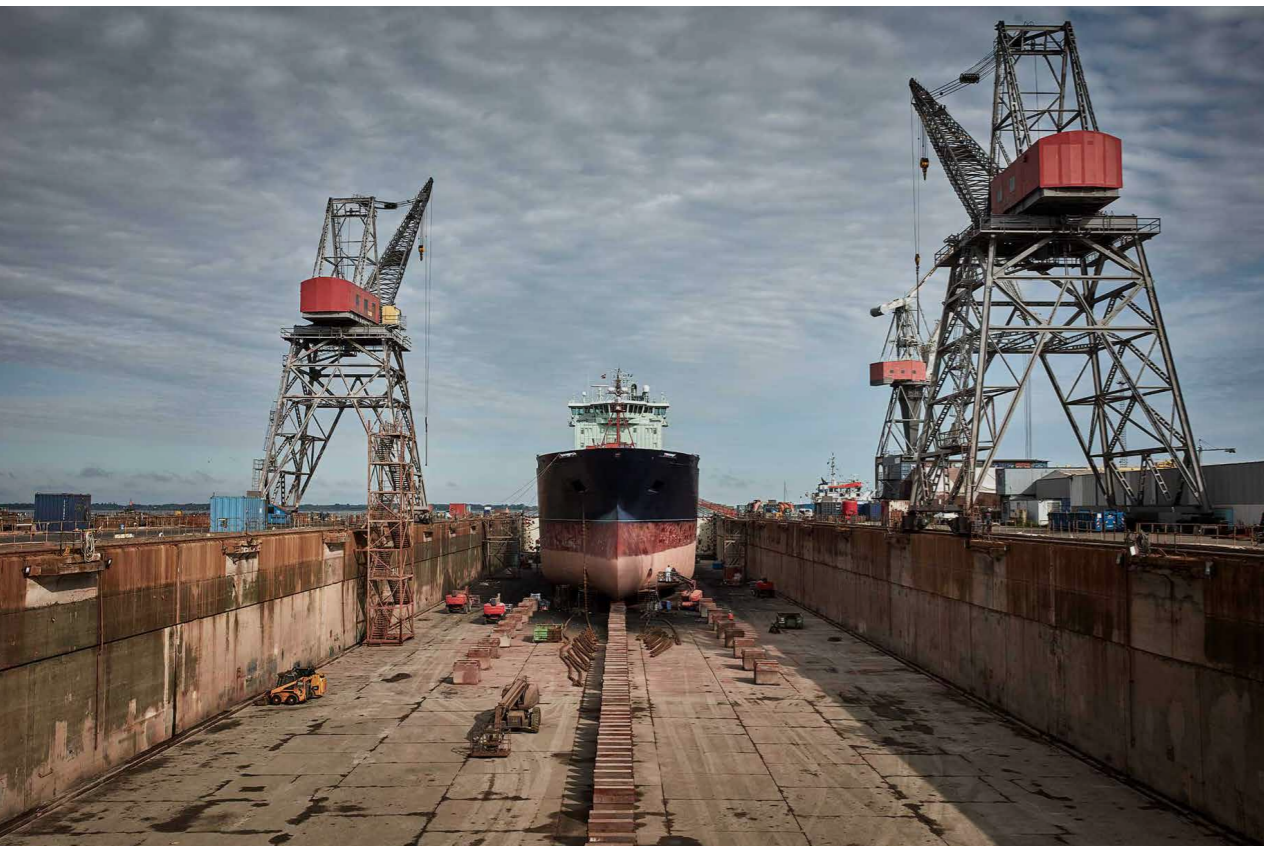
Excellent service at all times

It is essential for any marine business to have the pumps running. With a strong worldwide service set-up Hamworthy Pumps ensures maximum uptime and competitiveness at all times.

Problems need to be solved quickly in the marine industry. Every minute counts. The support and service of Hamworthy Pumps is designed to match these needs and does it with fast and excellent service. As a customer you can be sure of:

- 24/7 hotline managed by experienced experts
- On-site help within 24 hours at any location due an extensive global network
- Rapid OEM spare part supply

Hamworthy Pumps also offers a wide range of repair and maintenance services, from performance optimisation to on-site training and monitoring.



CASE STORY

Hamworthy Pumps wins another pump package contract for a Modec offshore project

An increased focus on the offshore segment has just secured another pump package contract for a standalone Floating Production Storage and Offloading (FPSO) facility, which will be deployed at the Sangomar field south of Dakar, Senegal.

The FPSO unit is being built by Modec, has chosen Hamworthy Pumps as the pump package supplier for an offshore project.

“As a supplier of Modec’s for many years, we have been supporting them on many FPSO projects and have proven our capability to deliver. The trust and confidence that we have built up over time makes the difference in Modec’s vendor selection. With the ability to fulfil stringent offshore requirements, engineering expertise and technical know-how, we are suited to support all our offshore customers.”

Lennon Teo
Regional Sales Director at Hamworthy Pumps



A trusted marine partner since 1889

Hamworthy Pumps is a market-leading manufacturer of in-line pumps for the marine and offshore industries and delivers engine room pumps, cargo oil and ballast pumping system, fire water pump packages and scrubber pumps.

Committed to continuous improvement and solutions that keeps adding value, Hamworthy Pumps are known to develop strong partnerships and innovation that fits customers' competitive needs. To this belongs a firm focus on ways to reduce the

environmental impact of products, services and operations and actively contributing to UN's Global Goals for Sustainable Development. It is the will to do better every day. It comes with our name – and with being trusted by customers since 1889.





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