

The complete solution for

Cooling Marine Hydraulic & Propulsion Systems

Bowman has been synonymous with providing highly efficient, heat transfer solutions for the marine industry for over 60 years and during that time, the company has established an enviable reputation for quality and reliability.

As one of the world's leading manufacturers of heat exchangers and oil coolers, Bowman has extensive experience of providing total cooling solutions for the marine industry and offers one of the most comprehensive ranges of heat exchangers, charge air coolers and oil coolers available.

Bowman shell and tube heat exchangers are proven throughout the world, in a wide range of demanding marine applications, which includes, winches, deck equipment, power steering, power packs, stabilisers, thrusters, marine propulsion and generator systems.

All Bowman products are produced in the UK, at our dedicated manufacturing centre and are ISO 9001:2008 accredited. Most models are available from stock and are fully supported with technical and application advice, a comprehensive replacement parts service and a network of stockists worldwide.

Here are some of the features that have made Bowman the preferred brand around the world:

Long life durability

Bowman products are renowned for their high quality and operational durability, even in the harshest operating conditions.

Fully floating tube stack

Bowman shell and tube heat exchangers features a precision engineered, fully floating tubestack, which minimises thermal stresses, provides efficient thermal transfer and low pressure drop.

Simple to maintain

The end covers and tubestack are easily removable making cleaning and routine maintenance simple and straightforward.

Comprehensive range

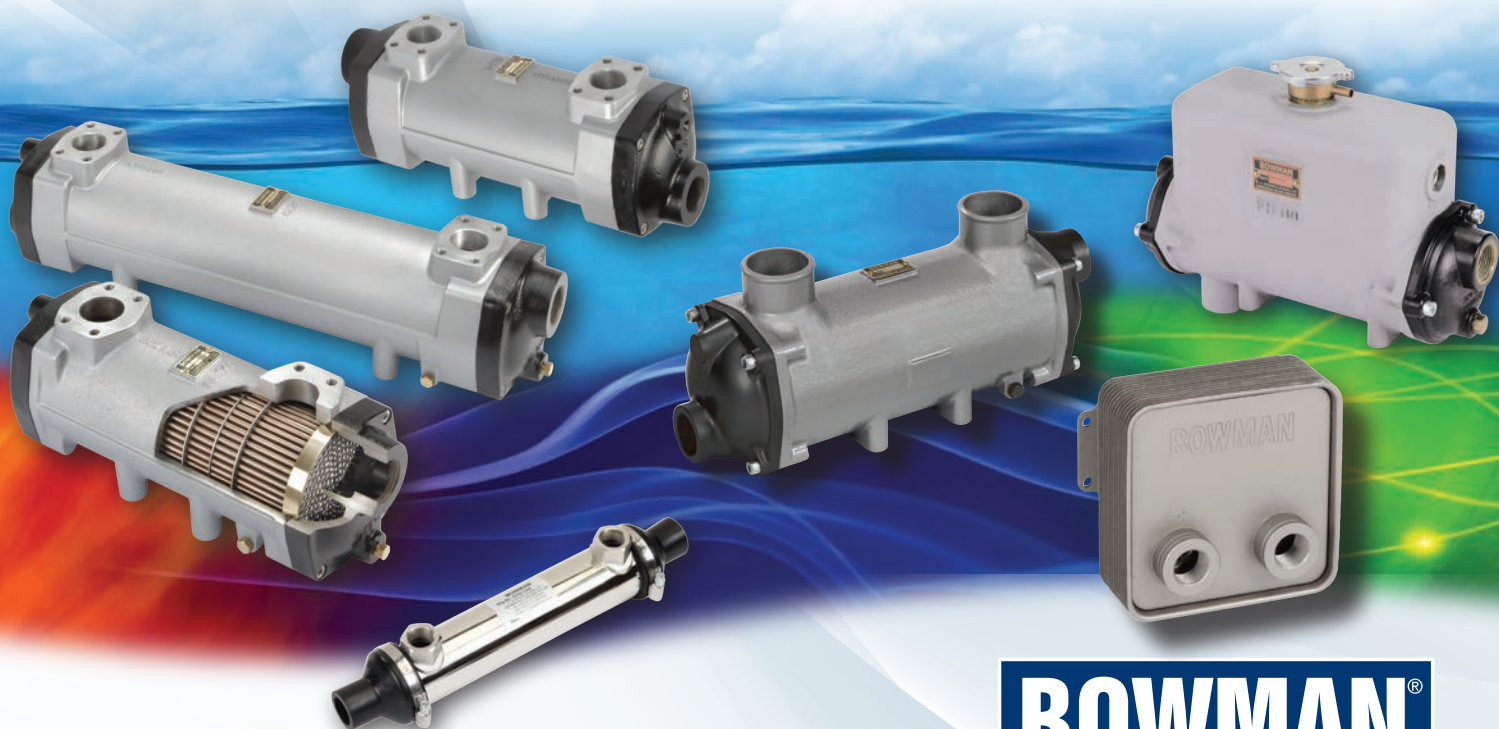
There's a wide choice of sizes and material specifications available to suit virtually any marine cooling application.

Rapid delivery

Most finished parts are available for fast delivery worldwide.

Comprehensive support

All Bowman products are fully supported with application advice and technical back up.



BOWMAN®

A World Leader in Heat Exchanger Technology

Performance, reliability and durability. Bowman cooling solutions for the marine industry.

Marine hydraulic cooling solutions

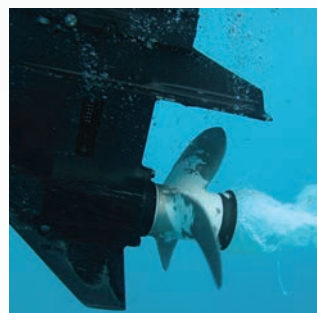


Bowman hydraulic coolers are established as the 'leading brand' for marine and offshore hydraulic

systems. Bowman units can be found cooling hydraulic equipment in some of the most challenging marine applications around the world, providing a high quality solution for the increasingly complex hydraulic systems that are found in the latest generation of general cargo ships, multi-purpose vessels and leisure craft, including:

- Air Compressors
- Cranes
- Deck Equipment
- Hydraulic Winches
- Power Packs
- Power Steering
- Thruster Control Systems
- Stabiliser Control Systems

Marine propulsion cooling solutions



Bowman also provides a comprehensive range of heat exchangers and oil coolers to cater for the cooling requirements of marine propulsion systems.

Bowman units can be found in most marine applications, including:

- Engine cooling – Bowman Header Tank Heat Exchangers ensure efficient cooling of the engines jacket water
- Gearbox cooling – Bowman Oil Coolers provide vital cooling to ensure reliable operation of the transmission system
- Charge Air – Bowman Charge Air Coolers cool incoming air from the turbo charger, to optimum combustion temperature
- Fuel cooling – Bowman fuel coolers help ensure heat build-up is dissipated safely and efficiently

Bowman marine cooling systems in action

Bowman cooling technology lies at the heart of new and innovative marine power applications

Total solution for deck equipment

As one of the world's leading providers of hydraulic equipment to the marine industry, this major multi-national organisation relies on Bowman heat exchangers and oil coolers to provide highly efficient cooling solutions for its extensive range of winches, capstans and deck machinery.



Cooling marine gearboxes

Throughout the world, thousands of work boats and leisure craft rely on Bowman gearbox oil coolers to ensure the safe, reliable operation of the vessels power transmission. Bowman gearbox units deliver highly efficient cooling for the transmission system, ensuring that gearbox oil is kept within its optimum temperature range.



Hydraulic oil coolers aboard

Bowman hydraulic oil coolers are being used by one of the UK's leading suppliers of hydraulic products and systems for the offshore workboat sector. The coolers are ideally suited to steering and deck equipment circuits because they are fully marinised and offer a range of options to suit differing operational conditions.



Super yacht roll reduction systems

This leading manufacturer of advanced marine stabiliser technology and vessel roll reduction solutions used Bowman oil coolers in their hydraulic power packs to ensure the fluid power required to articulate the immense forces on the stabiliser fins, is always kept at the correct operating temperature.



Technical product literature is available on request for all Bowman Heat Exchangers and Oil Coolers, or alternatively they can be downloaded by visiting www.ejbowman.co.uk

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Work boat images © Jan Berghuis-Terschelling



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