



**ALLMARINE® Pumps:
specialized, proven, and tested**

- >> Engineered solutions
- >> Manufactured and tested in Germany
- >> Own foundry providing the highest quality materials
- >> Certified by all major classification societies
- >> Meeting requirements of many navies

Centrifugal, screw, progressing cavity and propeller pumps

- >> Complete solutions and one-stop-shopping
- >> For fresh water and sea water
- >> For crude oil, bitumen and diesel oil
- >> For muddy liquids, liquids that contain solids, or particularly thin or viscous liquids

**Modular approach to sealing:
safe, clean and environmentally compatible**

- >> Traditional mechanical seals
- >> New ALLSEAL leak-detection system
- >> Hermetically-sealed MAGDRIVE pumps with magnetic coupling



IHC MERWEDE Shipyard, Reeled Rigid Pipe-Laying – Offshore Construction Vessel „SEVEN OCEANS“ equipped with ALLWEILER Solutions.

150 years of experience ensures extreme reliability even under harshest environmental conditions and under the most stringent regulatory regimes.

>> ALLWEILER

**Worldwide Experts for
the most Challenging
Marine Pump Applications**

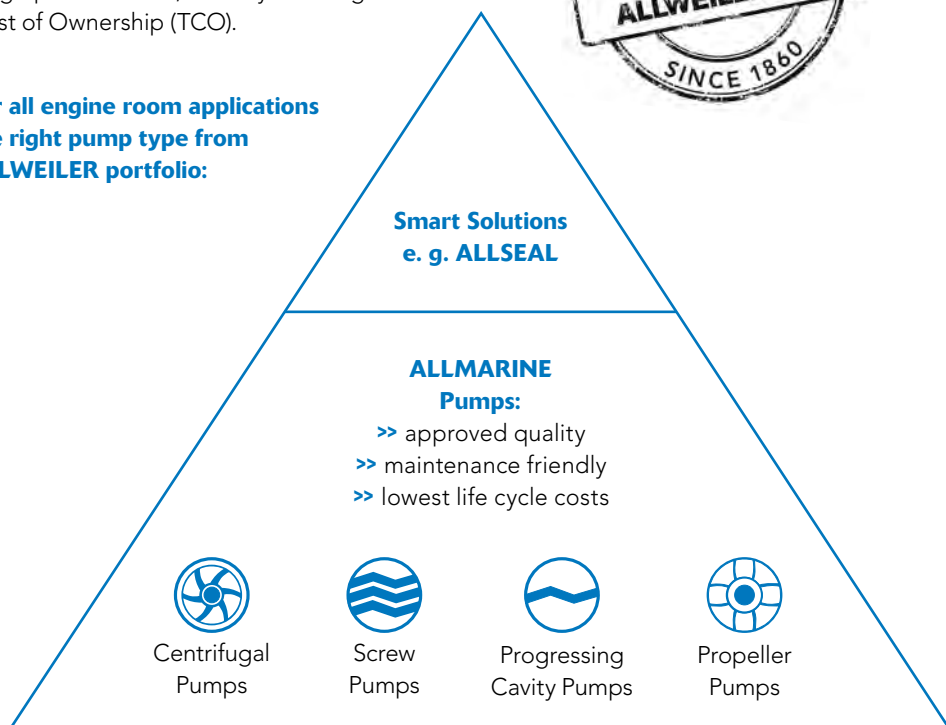
Powered by Experience: Pump Solutions for Demanding Ship-based Applications

We focus on our customer's needs with innovative technologies, production methods and smart solutions:

ALLWEILER uses innovative CAD tools for design in order to minimize Lifecycle Costs (LCC) and Total Cost of Ownership (TCO). In addition, ALLWEILER performs CFD calculations that lower NPSH values and increase efficiency. FEM calculation methods optimize the wall thickness and weight of each pump while ensuring safety. All ALLWEILER pumps are the result of the company's own R&D efforts.

New Smart Solutions are designed to virtually eliminate problems with leaks, overheated bearings and defective seals, thereby resolving complex sets of challenges faced by ALLWEILER customers. Automatic safety reactions designed to prevent disturbances before they happen are an example of intelligent functions that ensure high stability and long operation time, thereby lowering Total Cost of Ownership (TCO).

For all engine room applications the right pump type from ALLWEILER portfolio:



ALLMARINE Pumps:
More than just outstanding engineering.

>> High availability, reliability, maintainability (ARM); long mean time between failure (MTBF) and short mean time to repair (MTTR)

>> Global on-site service and support: We guarantee shipment of replacement parts (Quick-Serve) and deployment of service technicians (PumpService) within defined reaction times.



DAMEN Shipyards, Platform Supply Vessel „BASE EXPRESS“ equipped with ALLWEILER pumps



„FPSO BRASIL“ with ALLWEILER engineered solutions

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