

## **New lubricating, anti-heeling and fire extinguishing pumps from Allweiler**

**(Radolfzell/Germany) Allweiler AG, the oldest German pump manufacturer, will present three new pumps at this year's SMM in Hamburg (Hall A2, Stand 172). These include a lubricating centrifugal pump for diesel engines with a large lubricating oil requirement, a high-performance anti-heeling trimming pump and a newly developed fire extinguishing pump.**

The MELO series ("Main Engine Lube Oil") is a useful alternative to the previously conventional screw pumps for applications with large quantities of lubricating oil. As soon as capacities exceed 500 to 600 m<sup>3</sup>/h, the new centrifugal pump proves its worth. It conveys quietly and with an excellent suction capability, as it is vertically installed in the oil tank. Available in different sizes, the pump achieves a capacity of up to 1600 m<sup>3</sup>/h and is suitable for oil temperatures up to 100 °C. A two-stage design enables a pressure of up to 10 bar. An intermediate bearing enables flexible immersion depths of up to 3700 mm.

Allweiler AG has expanded the range of application for its ALLTRIMM anti-heeling pump. The improved pump has the same dimensions, but the maximum capacity is now one third higher than before, at 1300 m<sup>3</sup>/h. The pump will also be available in an explosion-protected version in future. The integrated drive and reversible hydraulics eliminate the need for costly installation of valve controllers on the ALLTRIMM. In addition, the unit has a very small space requirement and is very easy to install. The pump is extremely economical, since its maintenance intervals are long and maintenance tasks are easy to complete. The reason for this is that the pump operates without costly wearing parts such as coupling or gearbox.

The NAM-F series finally presents a high-performance centrifugal pump that is specifically optimised and designed for short-term use in fire extinguishing equipment. The bearings are designed for a minimum of 1000 hours of no-maintenance operation. The pump achieves up to 440 m<sup>3</sup>/h and a pump head of up to 160 m with a maximum pressure of 16 bar. As with all Allweiler marine pumps, high quality seawater-resistant materials from the company's own foundry guarantee a long service life.

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### **New lubricating pump for the main engine**

(Radolfzell) Allweiler's new series of MELO centrifugal pumps are particularly suitable for applications with large lubricating oil capacities. They operate with a lower TCO (Total Cost of Ownership) than the conventionally used two-spindle screw pumps. In addition to this pump, a new version of the ALLTRIMM anti-heeling pump, a new fire-extinguishing pump and a selection of further marine pumps will be exhibited at SMM. Kaare Johansen, Global Marine Director at Allweiler: "Allweiler can supply the right pump for any application in the engine room. We are expanding this range with these new pumps."

(Photo: Allweiler AG)

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## **Allweiler AG as leading supplier in the "Marine and Offshore" sector**

Allweiler AG is the market leader in Europe in the "Marine and Offshore" sector - especially for merchant ships and the navy. The company is one of three largest international manufacturers, with leading market positions in merchant shipbuilding in China and in the US naval sector. Around a third of Allweiler AG's total sales come from the "Marine and Offshore" sector. The basis for this is provided by decades of experience, resulting in constantly optimised units, as well as the use of the latest design and development tools for innovative new designs. In addition to shipyards in Europe, the growing market for new ship builds and conversions in Asia is becoming increasingly important.

The company offers units from its own production for almost all fields of application. These range from 2000 ton fishing trawlers to tankers of 380,000 tons. Worldwide service and support centres ensure constant qualified maintenance of all units. Dr. Michael Matros, member of the Executive Board: "Allweiler supplies pumps with minimum lifecycle costs and low Total Cost of Ownership. All marine pumps are designed to perfectly achieve this."

The product range includes the following pumps specifically designed for shipbuilding: ALLMARINE volute centrifugal pumps (MA, MI, NISM series) in block and inline design, centrifugal pumps for high-temperature applications (ALLHEAT series) and as lubricating oil circulation pumps (MELO series), two-spindle screw pumps (211 series), three-spindle screw pumps (SNH, TRILUB, ZASV series) and progressing cavity pumps (TECFLOW series), anti-heeling propeller pumps (ALLTRIMM series) as well as fire-extinguishing pumps (NAM-F series). The fields of application range from waste water pumps through boiler feed pumps and sludge pumps to booster pumps.

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Allweiler AG is the oldest German pump manufacturer (founded in 1860) and the European market and technology leader for centrifugal, propeller, screw, progressing cavity, gear, rotary lobe, macerator and peristaltic pumps. Allweiler AG has its own foundry and produces ready-to-use fuel skids and rinsing-water facilities. Allweiler AG has its main German headquarters in Radolfzell on Lake Constance as well as a major production site in Bottrop. Since 1998 Allweiler AG has been part of the American Colfax Corporation, a global leader in pump manufacture. In 2005 Allweiler AG employed around 1000 people and had a turnover of 156 million Euro.

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