



## *PRESS RELEASE 2/2018*

### **Leistritz pump technology at the SMM: L3NB**

*At the SMM (hall A2/booth A2.215), German Leistritz Pumpen GmbH presents among others the new, compact and cost-efficient screw pump series L3NB.*

Hamburg (September 2018) – „With the L3NB, we have launched a screw pump that significantly expands the application limits of comparable pumps of this type,“ Bernd Walter, Application Manager at Leistritz Pumpen GmbH, explains the reason for the development of the new pump series. It is the highlight on the Leistritz booth at this year's SMM. In addition to the products, the focus at the fair is also on the pump manufacturer's extended service portfolio.

With the development of the L3NB, Leistritz has reacted to the environmental regulations of the MARPOL Convention: Due to the reduced sulphur content of 0.1% in ECAS areas and the global sulphur reduction of fuel oils to 0.5% by 2020, the viscosities of fuels will be reduced to up to 1.4 cSt. With this viscosity, today's screw pump solutions have hardly any further performance ranges left, which means that even small pressure fluctuations can lead to pump damages. „This is where the L3NB comes in,“ Walter says.

#### *L3NB at one glance*

The L3NB pump series allows the pumping of media up to a minimum viscosity of 1,4 cSt at up to 10 bar outlet pressure. „The differential pressures are higher with us than with our market competitors,“ Walter says. This is made possible by a new and innovative compensation system and an optimized material combination. A decisive design advantage of the new pump is its interchangeability: The Leistritz predecessor model – the L3NG – can be replaced without adjustments because of the same flange-to-flange dimensions. „Due to the design of the pump cartridge, different pump housings can also be used – with individualized flange arrangement and different materials,“ the pump expert explains. „This means that our pump can also replace products from other manufactur-



ers.“ The pump cartridge includes all internal rotating parts, seal, bearing and cover. Such plug-in units can also be supplied as complete main spare parts, designed and tested for the according operating conditions. The advantage is a quick and easy replacement of the internal components to reduce the service life during the maintenance cycle. The use of a fully tested pump unit with a cartridge design also allows the housing to be adapted to different flange positions of the pump housing in order to integrate the pump into existing piping arrangements.

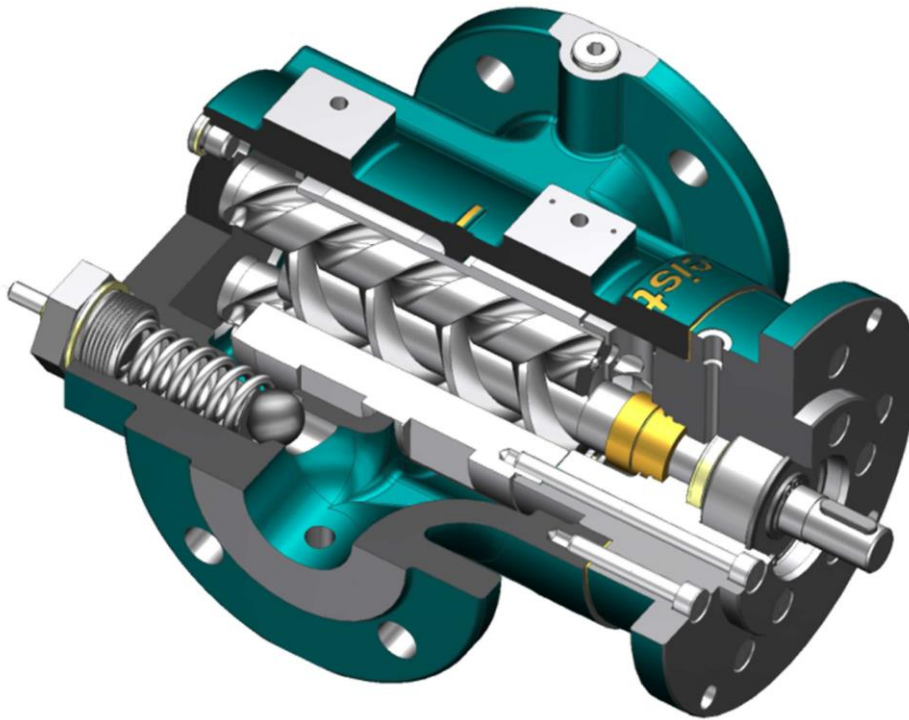
### *Extended service portfolio*

The development of service features goes hand in hand with the development of new products. Therefore, the customer service of Leistritz Pumpen GmbH is also present at the SMM. „We want to offer our customers more in this field and create a further impetus,” says Dr. Dieter Henssler, Director Customer Service. „That’s why we have extended our portfolio by adding some important after sales services, like energy efficiency analysis or the so-called health-check.” Industry 4.0 is of course also an important topic the team has committed itself to. Anyone interested is welcome to learn more on condition monitoring and intelligent sensors at the Leistritz booth.

Leistritz Pumpen GmbH at the SMM in hall A2/booth A2.215



Image (© Leistriz):



Section view of a L3NB

Leistriz Pumpen GmbH

For more than 90 years, Nuremberg-based Leistriz Pumpen GmbH has developed, constructed and sold screw pumps for a wide variety of industries, including the oil and gas industry, the petrochemical industry, the chemical industry, the energy/power systems industry and the shipbuilding/marine industry. The Leistriz customers benefit from well-developed technical expertise and strict quality management. The company has branches in the USA (Leistriz Advanced Technologies Corp.), China (Leistriz Machinery (Taicang) Co. Ltd.), India (Leistriz India Pvt. Ltd.), Singapore (Leistriz SEA Pte Ltd). and the United Arab Emirates (Leistriz Middle East).

Press contact:  
Leistriz AG  
Press and public relations  
Marija Perisic  
Markgrafenstraße 36-39  
90459 Nuremberg / Germany  
T: +49 (0) 911 4306 120  
Email: mperisic@leistriz.com

More information:  
AMW-MARINE  
Veersedijk 99  
3341 LL Hendrik Ido Ambacht  
T: +31 (0)786 010 100  
info@amw.nl