WANGEN PUMPEN at the ACHEMA in Hall 8, Exhibition Stand J36

Fast maintenance, safe operation: WANGEN Xpress: The new (r)evolutionary progressing cavity pump

Wangen, 15.06.2015 – With the WANGEN Xpress progressing cavity pump, WANGEN PUMPEN expands its portfolio of progressing cavity pumps by an innovative series that has been specifically designed for easy maintenance and at the same time offers maximum operational safety. From 15.-19.6.2015 the new WANGEN Xpress series will be introduced to a professional audience at the ACHEMA in Frankfurt, Germany (Stand no. 8 – J 36).

The new series of pumps targets companies specialising in wastewater treatment, biogas production and the industrial plants that convey highly viscous fluids and abrasive sludge, and require a speedy maintenance of its pumps. The WANGEN Xpress progressing cavity pumps are available in two sizes. The WANGEN Xpress 48 offers pumping volumes of 3 to 18 m³/h and the Xpress 64 volumes of 12 to 40 m³/h with a differential pressures up to 4 bar. Both pumps are suitable for conveying abrasive and fibrous sludge, such as dewatered sewage sludge, as well as liquid manure or fermenter recirculate during the production of biogas.

WANGEN PUMPEN is the first progressing cavity pump manufacturer that offers pumps with complete in-place maintenance and complete operational safety and thus underscores its position as quality leader in the market.

Complete in-place maintenance means that the plant operator is able to replace all of the pump’s wear parts without the usual dismantling of pipe connections. To achieve this, the Xpress is equipped with a tiltable pump set. This design enables replacing rotor and stator by simple tilting upwards or sideways. This saves the operator considerable space and time during servicing. Only a few simple steps and four standard tools are required for maintenance. Even the shaft seal can be replaced quickly and easily via the drive side. Thanks to the compact dimensions of the pump series, all work can be performed by a single person.
The unique feature of WANGEN PUMPEN is that complete in-place maintenance will not result in sacrificing operational safety. The in-place solutions previously available in the market have provided with an additional pressurised joint in the pump’s interior. They enable a rotor and stator replacement in installed condition, but also increase the risk of leakage. By contrast, thanks to a (r)evolutionary discharge flange in the design of WANGEN Xpress there is no need for an additional interior sealing joint. Consequently, pump failures cannot be caused due to product leakage.

‘By developing the WANGEN Xpress progressing cavity pump, we have a pumping solution that optimally combines operational safety and friendly maintenance’, commented Thomas Coenen, WANGEN Xpress’s Development Manager. ‘It helps waste water treatment plants, biogas producers and industrial customers to further increase plant operation times and increases efficiency during the production and/or treatment process.’

Like all pumps produced by WANGEN PUMPEN, the WANGEN Xpress series meets the company’s proven quality standard. Both models are supplied with a standard wear-resistant cardan joint for maximum operational safety.

The WANGEN Xpress progressing cavity pump will first be presented from 15 - 19 June 2015 at ACHEMA, the leading international trade fair of the process industry, in Frankfurt, Germany, Hall 8, Stand J36.

Press contact:
Eva Plötscher
Tel. +49 (0)7522 997 – 202
Email: e.ploetscher@wangen.com

About WANGEN PUMPEN:
WANGEN PUMPEN is a mechanical engineering company - a provider of high-quality displacement pumps for industrial applications and an expert for conveying highly viscous, abrasive or chunky products. The portfolio includes a wide range of progressing cavity pumps and twin screw pumps for a wide range of areas: pharmaceutical, food and beverage production, shipbuilding, the environmental, biogas and agricultural equipment.
WANGEN PUMPEN employs around 200 people. Headquarters and production facilities are in Wangen, Germany. Around 50 consultants and service technicians provide their services to serve our customers. WANGEN PUMPEN is represented in over 35 countries worldwide with its own employees, as well as through dealers.

(This text has about 3,575 characters and 452 words)

There is one photo accompanying this text

Photo 1: The new Xpress eccentric screw pump in operation and during maintenance

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