

Munsch expands range of pumps for chemical applications

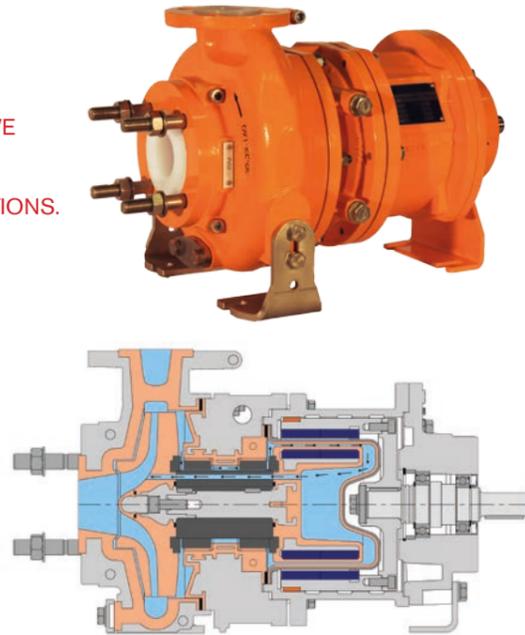
MANUFACTURER OF PLASTIC PUMPS FOR THE HANDLING OF AGGRESSIVE LIQUIDS, MUNSCH, HAS LAUNCHED A NEW RANGE OF HORIZONTAL AND VERTICAL NON-METALLIC PUMPS FOR CHEMICAL PROCESSING APPLICATIONS.

The range is designed to offer end-users maximum operating reliability, easy maintenance and low overall lifecycle costs when operating in abrasive and aggressive service conditions.

Included in the new range is its NP/NP-B series of vertical chemical pumps, which have a flow rate capacity of 1200m³/h and a differential head of up to 85. It is capable of handling liquids ranging from -20°C to 110°C. A further horizontal model, in the CM/CM-B range, can also pump liquids up to 180°C, at rate of 180m³/h.

Munsch has also released a vertical range of chemical pumps, with a capacity of up to 700m³/h, a head of up to 90, and a length of up to 300mm. As with other models in the range, it can handle both cold and hot liquids, from -20°C to 100°C.

All models are designed exactly to customer specification and tested to EN ISO 9906.



New test and measurement equipment from FLIR

FLIR SYSTEMS HAS BROADENED ITS TEST AND MEASUREMENT PRODUCT OFFERING THROUGH THE INTRODUCTION OF SIX NEW PRODUCTS.

Three new electrical meters are included in the range expansion, all featuring large and clear LCD displays and dual-LED worklights to aid dimly lit areas. The range includes the FLIR DM93, a rugged digital multimeter; the FLIR CM83, an industrial grade power clamp meter; and the FLIR CM78, a combination of an RMS multimeter and clamp meter.

Each electrical meter includes Bluetooth connectivity to Android mobile devices via the FLIR Tools Mobile app.

Making up the range is the FLIR VP52, a non-contact voltage detector with a powerful LED worklight and dual-LED convenience light at the probe tip; the FLIR MR77, a moisture meter with a pinless sensor and an external pin probe capable of capturing readings 19mm below the surface of various building materials; and the FLIR VS70, a videoscope designed for industrial environments.

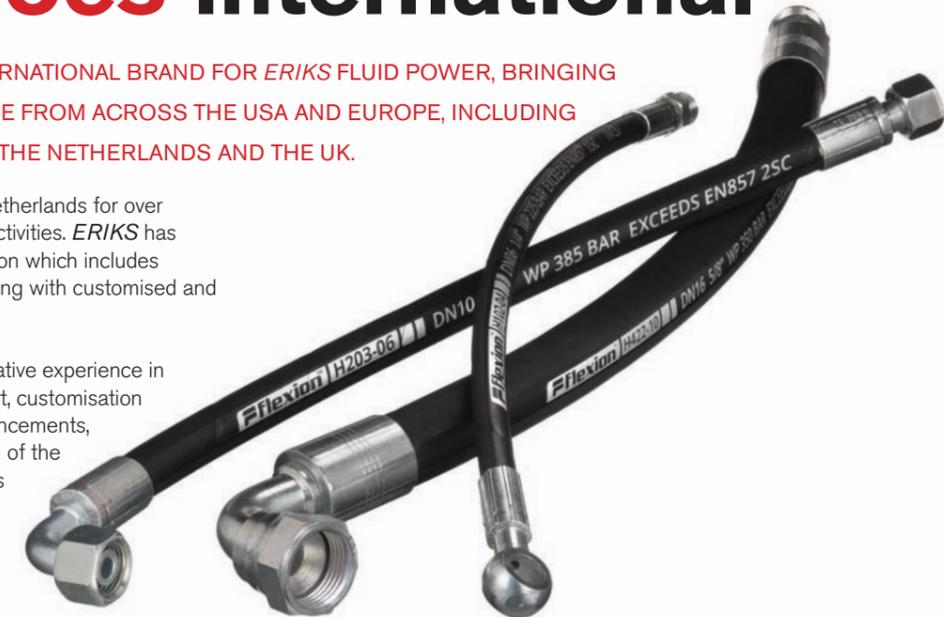


Flexion goes international

FLEXION HAS NOW BECOME AN INTERNATIONAL BRAND FOR ERIKS FLUID POWER, BRINGING TOGETHER A WEALTH OF EXPERIENCE FROM ACROSS THE USA AND EUROPE, INCLUDING GERMANY, SWITZERLAND, BELGIUM, THE NETHERLANDS AND THE UK.

The Flexion name has been known in the Netherlands for over 40 years, representing ERIKS fluid power activities. ERIKS has now embraced the Flexion fluid power solution which includes hydraulic hoses, accessories, pneumatics along with customised and engineered systems.

The new Flexion brand combines this cumulative experience in fluid power innovation, from technical support, customisation and assembly, through to technological advancements, reliable manufacture and the implementation of the latest material developments. Flexion delivers products and services that offer value to design and maintenance engineers, both in terms of performance and cost.



TOP 10 TIPS

FOR PUMP EFFICIENCY

Are your pumps running to maximum efficiency?

Energy efficiency is a rising priority for all businesses yet understanding the energy consumption of key pieces of equipment; namely pumps, is lesser understood. Here Andrew Cruse, Business Development Director - Pumps, at ERIKS talks through the top 10 tips to pump efficiency.

1. Understanding power consumption

The old adage you can't manage what you don't measure is never truer than in pump efficiency with up to 87% of the total lifecycle cost of a pump attributed to energy.

2. Establish performance data

During the installation process, record the initial performance data of the pump and then continually monitor and record it at regular intervals.

3. Monitor flow

If a flow meter is not incorporated in the system it is important to carry out periodic flow testing. This can be done by non-intrusive devices.

4. Identify discharge head

Take a reading when the pump is fitted and keep a record. If this figure changes over time, it may be indicative of a problem.

5. Identify suction head

Many pump problems actually occur in the suction area so it's important to measure and monitor regularly. Where filtration is used, it is important to install differential pressure monitoring. This will highlight filter blockages.

6. Record maintenance and repair data

Record maintenance and repair data to establish Mean Time Before Failures (MTBF) records as well as running hours at every intervention and ensure that you log entries.

7. Record running amps

Ensure that you closely monitor and record running amps as part of any Condition Based Maintenance (CBM) data collection.

8. Assess all pumping systems for potential energy reduction

Any pump with a varied load or demand has the potential for energy savings. Consider the installation of Variable Speed Drive's where possible.

9. Never simply replace like for like

Always reassess your requirements when your pump is due for replacement. Many people replace like for like despite the fact that system requirements and needs may have changed or even the wrong equipment was specified originally.

10. It pays to seek advice

Whether you need advice due to system failures or during the specification process, it pays to bring in the experts to help identify the right solution.



For more detailed information scan this QR code