

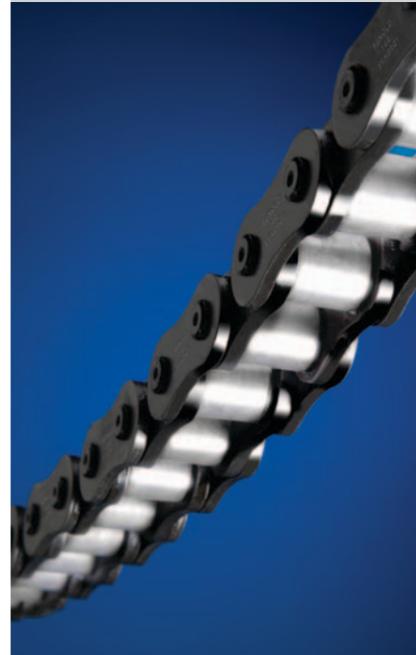
## Longer lasting chain now lasts even longer

RENOLD HAS DEVELOPED A NEW AND SPECIALLY FORMULATED LUBRICANT FOR ITS LONG LASTING CHAIN, SYNERGY, WHICH HAS BEEN PROVEN IN TESTS TO REDUCE INITIAL WEAR BY UP TO 50%.

Synergy, launched in 2000, has set a new industry standard in wear life and overall performance. The chain was designed to deliver improved fatigue resistance and is said to perform, on average, 30% better than any other brand when subjected to repeated shock loading and heavy loads. The addition of the new lubricant, whose composition is a trade secret, further enhances the performance of the chain, which Renold already claim performs up

to six times better than the highest quality competitors brand.

The new lubricant is applied in the factory and Synergy is ready to perform out of the box, with lubrication applied as normal during operation. Synergy is available in British Standard sizes ranging from 06B to 24B in simplex, duplex and triplex construction. It is also available in ANSI standard sizes ranging from 35 to 160 in simplex, duplex and triplex.



## Halve machinery breakdowns with SKF alignment tools

SKF HAS ENHANCED ITS RANGE OF SHAFT ALIGNMENT TOOLS WITH THE INTRODUCTION OF TWO NEW MODELS THAT HARNESS THE POWER OF LASERS TO ACHIEVE PIN-POINT ACCURACY.

Designed for ease of use, the new TKSA series includes the competitively priced TKSA 20 and TKSA 40 that can help cut machinery breakdowns by up to 50%, ultimately leading to improved machine reliability and performance, as well as increased productivity and profitability.

Equally important, the correct alignment of shafts, in both horizontal and vertical alignments, helps to extend bearing and shaft service life in many applications, including coupled shafts, pumps, motors, mixers, gearboxes and compressors. This provides greater return on investments, while considerably reducing energy consumption, vibration and noise, and reducing the stress placed on couplings and seals.

By comparison with traditional methods of shaft alignment, the new TKSA devices mean that technicians can easily and accurately align shafts in only a fraction

of the time than was previously possible. Both the TKSA 20 and TKSA 40 display real-time configuration values, allowing the results of alignment corrections to be seen as they are being performed.

[www.skf.co.uk](http://www.skf.co.uk)



## Food industry machine components

Elesa now offers a full range of standard components designed to meet the needs of the food industry. These range from specialist levelling feet through digital shaft position indicators and digital-analogue position indicators to rod mounting systems for opto-sensors, cameras etc, hinges for access panels and flexible automation components such as conveyor feet, brackets for transfer conveyors. Many of these comprise stainless steel or plastic mouldings with smooth contour designs to facilitate easy cleaning, as well as to eliminate corrosion in aggressive environments.

[www.elesa.co.uk](http://www.elesa.co.uk)



## New suction cups offer a combination of lips and bellows

The piGRIP™ suction cup is a new innovative product from Piab, a leading supplier of industrial vacuum technology equipment. It is the first modular suction cup on the market, allowing companies to choose the ideal combination of lip and bellow to optimise the pick-up and movement of different weight products with different surface finishes using suction.

The choice of different sizes and materials allows the suction cups to be matched perfectly for every application, allowing machines the flexibility of handling a wide

variety of different items. Versions are also available in FDA approved materials certified for the food industry, making them ideal for applications where direct food contact is necessary.

Matching the cup and bellow to the specific application means that more often than not, packaging lines can handle products at much higher speeds, increasing productivity and also save a significant amount of energy by reducing the vacuum needed to the ideal level for any product.

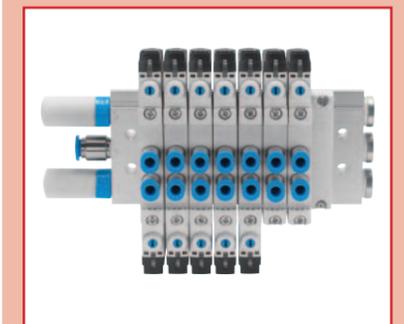


## Space saving pneumatic miracle

Festo's new VUVG valve has a size to performance ratio which the company says has never previously been achieved. According to the company, in 90% of all applications, a smaller size valve compared to existing valves can often be used. And VUVG valves of the same size achieve greater dynamics and up to 100% more flow for faster cycle times.

The high power density of the VUVG valve is the result of the patented cartridge principle from Festo. Its unique seal profile enables vacuum operation, very high flow rates and an extended pressure range of up to 10 bar. It also offers faster cycle times due to the increased pressure and the use of smaller cylinders increase the dynamics. As a result, when using the VUVG with, for example, a Festo DSNU cylinder with a 25mm piston diameter, 160mm stroke and a tube length of 350mm, the cylinder's advancing time at 10 bar is 88% faster than with other similar valves. The cartridge principle enables neatly separated two-pressure operation. With the VUVG, there is no overlapping between the air ducts, as is common with other valves.

[www.festo.com](http://www.festo.com)





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