Ready for Insights. Impulses. Innovations

Automatica Munich: ViscoTec presents several new developments

In keeping with this year's Automatica 2023 motto "Insights. Impulses. Innovations", ViscoTec is surprising visitors with an automated product handling solution: The combination of established Bosch Rexroth automation and precise dispensing technology combines the best of both worlds. The engineers will be presenting the system at this year's leading trade fair for intelligent automation and robotics from June 27 to 30 in Munich in Hall A6 at Booth 520.

And something else is new this year: ViscoTec is enlarging its trade fair team and bringing colleagues from development and product management to the booth for the first time. In this way, the team of about seven people ensures that all questions can be answered with sufficient time and technical depth.

A Bavarian day is again planned for Wednesday, June 28, when stand visitors can look forward to Bavarian delicacies such as white sausages and pretzels.

However, the culinary delights and the booth personnel dressed in traditional clothing are only pleasant side effects of this year's Automatica: The focus of the 54 m2 booth is on ViscoTec products, the majority of which can now be integrated into fully automated production lines, and which will also be demonstrated live at the trade fair.

On the one hand, there is the automatic *vipro-FEED M plus* barrel emptying system, which can be used to feed 1C or, if used twice, 2C media into the process. Particularly noteworthy here is the automatically retracting follower plate with venting of the bucket. The automated separator plate degassing also enables bubble-free and precise material feeding. The continuous position detection of the follower plate, which allows fill levels to be monitored. And of course, there are always innovations about safety, such as the improved enclosure for even greater process reliability.

Another novelty at this year's Automatica: With the newly developed carbide rotor for the *vipro-PUMP*, abrasive media can now virtually no longer cause any damage to the technology during metering - including increased breakage resistance and longer service life.

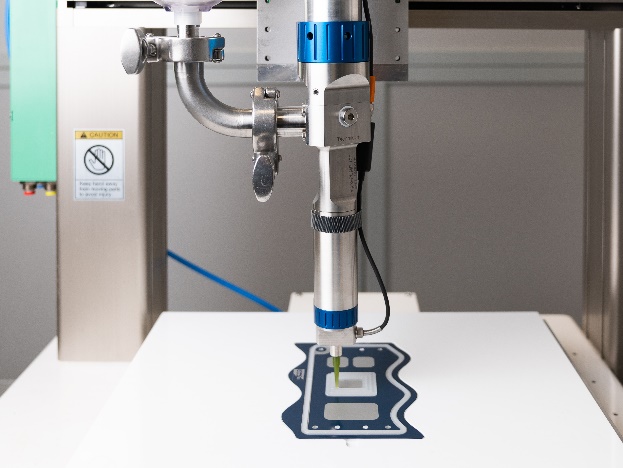
With the *vipro-PUMP*, ViscoTec's engineers have a configurable 1K dispenser in the bag, which they are presenting in five different sizes. In addition, the rotor train of the *vipro-PUMP* is separable, which significantly simplifies disassembly and thus maintenance work compared to the previous dispenser.

In a broader sense, also developed for this purpose: The *flowplus-SPT M6* sensor, which can be used to monitor pressures and temperature.

In addition, visitors to Munich can also get to know the 2C dispensing heads *ViscoDuo-VM*, *ViscoDuo-VMP 22/22* and *ViscoDuo-P 4/4*.

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Pictures:



Automated bead application with new 1C dosing pump vipro-PUMP

ViscoTec – Perfectly dosed!

ViscoTec Pumpen- u. Dosiertechnik GmbH manufactures systems required for conveying, dosing, applying, filling, and emptying medium to high-viscosity fluids. The headquarter is in Töging a. Inn (Bavaria). ViscoTec has subsidiaries in the USA, in China, Singapore, India, in France and in Hong Kong and employs about 300 people worldwide. Numerous sales partners all over the world complete the international distribution network. Next to technically sophisticated solutions to even the most complicated application, ViscoTec is the single point of contact to deliver all components for a complete system: From emptying to preparing and to dosing. This guarantees successful interaction of all components. All fluids showing a viscosity of up to 7.000.000 mPas can be conveyed and dosed almost pulsation-free and with extremely low shear. ViscoTec offers comprehensive consulting for every application and, if required, extensive tests will be carried out in close cooperation with the customer. The dosing pumps and systems are perfectly adapted to their respective application whether it is the food sector, the e-mobility industry, the aerospace field, the medical technology, the pharmaceutical industry, electronics manufacturing or many other branches.

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