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PRESS INFORMATION

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Rapidly Expanding, Sepro Benelux Exhibits at Kunststoffen 2016 with New 3-Axis Sprue Picker

Sepro Group is introducing a new all-servo sprue picker at the Kunststoffen 2016 tradeshow, being held September 28 and 29 at the NH Conference Centre Koningshof, Veldhoven, Netherlands. A model 5X-15 5-axis robot, representing Sepro's most technological products, is also on display on Stand 132.

The show comes at a good time for Sepro, as the market is quite active and the company is growing rapidly. "Sepro Benelux has been growing steadily for several years," says Jan Lievens, Manager. "2015 was a record year for us and our sales so far this year are 10% above that, so we anticipate that we will post another sales record for 2016. To support our customers as we expand, we have doubled the size of our sales and service staff."

Sepro sales are up around the world and the company is on track toward its fourth record sales year in a row. Global turnover is expected to exceed € 100 million for the first time. Unit sales (robots and sprue pickers) are likely to surpass 2500. In just over 5 years, Sepro has completely transformed its portfolio of products to include 3-, 5- and 6-axis robots. It has forged alliances with other automation companies and injection-molding-machine manufacturers, including the Dutch company Stork Plastics Machinery, in order to give customers more choice.

S5 Picker

The new CNC S5 Picker, being introduced at Kunststoffen 2016, is a fast-acting, beam-mounted Cartesian sprue picker, based on the design of the economical Success Range of pick-and-place robots. In its standard configuration, it is fitted with a simple sprue gripper (with control sensor) and an integral unloading chute and guarding so that it operates entirely inside the IMM footprint. Optionally, it can be fitted with an extended (up to 1000 mm) horizontal arm so sprues can be dropped outside the IMM or, with the addition of an R1 wrist rotation and simple end-of-arm tooling, it can be used in basic part-removal applications. Maximum payload (tooling and parts) is 1 kg.

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The standard Touch Picker control is based on the universal Visual platform developed by Sepro specifically for injection-molding. Operation is simple and intuitive, allowing even operators with minimal experience to create simple pick-and-place cycles in just minutes.

The 5X-15 on display is the smallest model in a line of high-performance 5-axis servo-driven robots for small and mid-sized injection-molding machines and applications requiring multi-axis, multi-function parts manipulation inside or outside the mold space. Two other models in the S5 Line are the S5-25, for molding machines from 120 to 500 tons and the S5-35, designed for machines from 350 to 800 tons.

Big Robots at K 2016

While small robots and pickers are featured in Veldhoven, Sepro Group will introduce two of their biggest robots a few weeks later at the K 2016 trade fair in Dusseldorf (October 19 to 26). In fact, the new 7X-100XL, a 5-axis Cartesian beam robot, and the new 6X-400, a 6-axis articulated-arm robot, are expected to be the largest robots at the show.

The two robots will dominate the Sepro exhibit, occupying almost one-third of the 300m² stand. Acknowledging the automotive industry, where most large robots are used, the two units will be manipulating a bumper from a Mercedes Benz C-Class auto and a dash panel for a Citroën DS. The 7X-100XL completes Sepro's line of 5-axis beam robots (5X Line and 7X Line), which now includes six models that can automate injection-molding machines from 20 to 5000 tons. The Sepro Yaskawa 6X-400 6-axis robot is the largest of four models introduced recently to serve molding machines from 800 to 5000 tons. Four smaller 6-axis units, developed in partnership with Stäubli Robotics were introduced several years ago to equip molding machines with up to 800 tons of clamp.

To illustrate the breadth of the Sepro product portfolio, the S5 Picker will be operating at K 2016 along with several other Sepro robots handling iPad covers. This demonstration cell will include the general-purpose Success 11 and Success 22, a 5X-25 hybrid, representing the smaller units in Sepro's 5-axis robot line, and a numeric S3 Picker, which has a horizontal arm that rotates up 100° from the centerline of the machine to drop sprues or small parts beside the fixed platen

The stand will also feature an operating 50-ton Sumitomo-Demag injection-molding machine equipped with a Sepro 6X-60 articulated-arm robot, which is the smallest in the 6X Visual range of 6-axis robots. In this small-footprint integration, the robot will remove medical syringe barrels from the mold and place them on a machine-side conveyor.

About Sepro

Sepro was one of the first companies in the world to develop Cartesian beam robots for injection-molding machines, introducing its first CNC controlled "manipulator" in 1981. Today, Sepro Group is one of the largest independent sellers of Cartesian robots. Customers around the world are supported by wholly-owned daughter companies and sales and service offices in Germany, Spain, Benelux, the United Kingdom, the United States, Canada, Mexico, Brazil, China and now Austria Hungary. Numerous independent business partners, distributors and service hubs extend Sepro's global network to over 50

other countries. To date, Sepro has equipped more than 30,000 injection-molding machines worldwide.

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The new S5 Picker being introduced at Kunststoffen 2016 is a fast-acting, beam-mounted CNC Cartesian sprue picker. Download a high-resolution image at: <http://tinyurl.com/zgok72k>



In 2016, Sepro anticipates a fourth record sales year in a row. Download high-resolution image at: <https://db.tt/jhSEG01r>