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PRESS INFORMATION

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Sevro Returns to NPE with 20 Robots

To emphasize its global slogan of “Your Free Choice in Robots,” Sevro America will bring a total of twenty robots to Orlando, FL, for NPE 2015. Ten are being demonstrated in the Sevro booth (W263) and ten more in the booths of injection-molding machine manufacturers. Together, they represent one of the industry’s most complete ranges of automation equipment for plastics injection molding. Highlights on the stand include an entirely new line of robots (details of which have not been released), as well as:

- **5X Line 5-Axis Robots**
Designed for applications requiring complex part manipulation, the 5-axis 5X Line is based on the Sevro 3-axis Cartesian beam robots, known for high-precision and high-speed performance. A 2-axis Stäubli servo wrist is added to provide additional compact servo rotations making it easy to adapt to challenging applications like insert placing, complex extraction paths in the mold, path tracking for flame treatment, and the like.
- **6X Visual 6-Axis Robots**
The 6X Visual line of robots combines a Stäubli 6-axis articulated-arm robot with easy-to-use Sevro Visual 3 control to deliver a flexible automation solution specifically for injection molding.
- **Success General-Purpose Servo-Driven Robots**
The Success range of robots benefit from the S-Platform technology that was perfected on the high-performance S5 Line, so they are faster and able to handle bigger, heavier parts than many similar robots. Sized for injection-molding machines from 20 to over 800 tons of clamp they are truly affordable robots with enhanced capabilities.
- **5DA Dual-Arm Servo Robots**
Specifically designed for applications involving 3-plate molds, the 5DA line includes units sized for machines from 30 to 500T. They incorporate a 3-axis arm (with 0 -

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90° pneumatic wrist) that allows for simple pick-and-place of molded parts, as well as a secondary 2-axis servo arm for sprue unloading.

- **S3 Servo-Driven Sprue Picker**

Offering higher levels of performance and productivity in the most basic robot applications, the S3 sprue picker is faster than standard pneumatically driven sprue pickers. It operates at 6.5 ft/sec (2m/sec) speeds on the vertical axis. It is also more accurate and repeatable, more reliable and requires less maintenance.

A total of ten Sepro robots will also be seen in operation in the exhibits of injection-molding machine manufacturers including:

- Sumitomo Demag – Booth W623
- Absolute Haitian – Booth W3683
- G. Pernoud North America (with Billion) – Booth W983
- Stork – Booth W929
- Maruka U.S.A./Toyo – Booth W303
- One other

VISUAL & TOUCH CONTROLS

All these different robots are operated using the same easy-to-use control platform, which was developed by Sepro especially for injection-molding applications. The 5- and 6-axis robots benefit from the application of the Visual 3 robot control, Sepro's newest, fastest and most powerful control. Visual 2 controls are standard on advanced S5 Line 3-axis robots, and Touch 2 controls on the general-purpose Success range and servo sprue picker. All controls have the same user interface with large, easy-to-read and -navigate 10-inch touch-sensitive screen that makes operation simple and intuitive. A joystick allows operators to actually steer the robot to fine-tune its movements.

"When we talk about 'Your Free Choice in Robots,'" explains Jim Healy, Vice President, Sales & Marketing, Sepro America, "we're showing potential customers that no matter what their application, no matter where they are located, no matter what molding machines they operate, new machines or existing, Sepro has options that can meet their needs."

ABOUT SEPRO

Sepro is a global company, with in-depth engineering and manufacturing capabilities, strong technical and marketing partnerships, unmatched service and support, and a diverse product offering. Founded in 1973 and now headquartered in La Roche-sur-Yon (France), Sepro Robotique 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 is one of the largest independent sellers of Cartesian robots. Customers around the world are supported by wholly-owned daughter companies in Germany, Spain, Benelux, the United Kingdom, the United States, Mexico, Brazil and China. Numerous direct sales and service offices as well as independent business partners, distributors and service hubs extend Sepro's global network to over 40 other countries. To date, Sepro has equipped more than 25,000 injection-molding machines worldwide. The company's global turnover for 2014 is expected to be €79 million.

See next page for photos



The 5X Line of robots brings together a Sepro 3-axis Cartesian beam robot and a 2-axis Staubli wrist to provide a total of 5 CNC axes of motion.

https://dl.dropboxusercontent.com/u/51716465/Sepro/5X%20Line%20HD_NEW.jpg

The 6X Visual Line of robots combines a Staubli 6-axis articulated-arm robot with the Sepro Visual 3 control to deliver a multi-axis solution especially designed for injection molding.

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