



**Sepro Robotique**  
Rue Henry Bessemer, Zone Acti-Est  
CS 10084 -85003 La Roche-sur-Yon  
France  
Phone: +33 2 51454700

**Sepro Robotique UK**  
2, Fitzhamon Court, Wolverton Mill  
MK12 6LB Milton Keynes  
UK  
Phone:+44) 1908 223 116

## PRESS INFORMATION

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CONTACT: Caroline Chamard, Sepro Robotique - France, +33 (2).51.45.46.37; cchamard@sepro-robotique.com  
Scott Collins, Public Relations, +1.216.382.8840; scollins@collins-marcom.com

### **Sepro Presents ‘Your Free Choice in Robots’ At Interplas 2014 in Birmingham**

***Under the global banner of “Your Free Choice in Robots,” Sepro UK is exhibiting at Interplas 2014, Stand C30. The British plastics trade show opens in Birmingham September 30 and runs until October 2.***

At Interplas 2014, Sepro UK is presenting examples of its five-axis-servo Cartesian robots and new 6-axis articulated arm robots operating together in an automation cell. These units represent a complete portfolio of automation solutions that includes not only the 5- and 6-axis robots, which are being exhibited for the first time in the UK, but also a range of 3-axis units for both pick-and-place general-purpose robots and servo-driven sprue pickers. Sepro robots are available to automate plastics injection-molding machines ranging in size from 30 to 5000 tons.

“Over the last several years,” explains Jean-Michel Renaudeau, CEO of Sepro, “we have invested heavily in new robot technology. We’ve developed strong partnerships with other industry specialists and with injection-molding machine manufacturers who now can offer Sepro robots as a part of a complete plastics process solution. Today, when we speak of ‘Your Free Choice in Robots,’ we are showing visitors to Interplas that no matter what their application, no matter where they are located, whether they are installing new molding machines or automating existing equipment, Sepro has options that can meet their needs.”

(More)

The demonstration on Stand C30 features a 5X-25 robot with 5 servo-actuated axes of motion, and a 6X-90L, a 6-axis articulated-arm robot, working in tandem in an entertaining automation ballet. Developed by Sepro Robotique in partnership with Stäubli Robotics, these two robot families are aimed at injection-molding applications requiring complex part manipulation. The 5-axis 5X Line is based on high-precision Sepro 3-axis Cartesian beam robots and a 2-axis Stäubli servo wrist. The two additional compact servo rotations make it easy to adapt to challenging applications like insert placing, complex extraction paths in the mold, path tracking for flame treatment, and the like. The 6X Visual line of robots combines a Stäubli 6-axis articulated-arm robot with easy-to-use Sepro Visual 3 control to deliver an automation solution specifically for injection molding. Five models are available to serve injection-molding machines from 20 to 4000 tons.

Elsewhere in the show, Sepro robots also can be seen in operation on the stand of injection-molding-machine manufacturer **Sumitomo Demag, Stand D30**. The two companies have a global partnership agreement under which Sepro makes robots that Sumitomo Demag sells as part of packaged machine systems. Robot controls are integrated into Demag's NC5 machine-control system.

Two other injection-molding-machine manufacturers are also running Sepro robots:

- **Billion, Stand C4...** is operating a Sepro 6X-60L articulated arm robot alongside a 000-ton injection molding machine. Demonstrating the ability to mold extremely detailed features into a clear polycarbonate disc. The Sepro robot removes the part and then manipulates it in front of a bright light to reveal the nano-scale etching on the surface.
- **Romi Machines UK Limited, Stand D4...** is exhibiting two examples of the Sepro Success range of universal robots. Built using S-Platform technology that was perfected on the high-performance S5 Line, Success robots are faster and able to handle bigger, heavier parts than many similar robots. Thus, they become truly affordable robots with enhanced capabilities, with all of the quality and reliability for which Sepro is well-known.

These and all Sepro 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.

## 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 2013 was €66.5 million, with 90% of sales exported from France and 45% sold outside of Europe. Sepro anticipates it will grow 18% in 2014.

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

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*The 6X Visual Line of robots combines a Stäubli 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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*The Success Range includes general-purpose robots with enhanced capabilities.*

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