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PRESS INFORMATION

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Sepro Returns to Fakuma with 14 Robots

*For more information and a complete press kit including photos, please attend our **PRESS CONFERENCE Wednesday, 15 October, 1400 hrs in Room Rome, Conference Center East, or visit us in booth #1203, Hall A1.***

To emphasize its global slogan of “Your Free Choice in Robots,” Sepro Robotique has brought a total of fourteen robots to Friedrichshafen, Germany, for Fakuma 2014. Nine are being demonstrated on the Sepro stand and five 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:

- **5X Line and 6X Visual Together in an Automation Cell**
Two 6-axis articulated-arm units are shown operating together with three 5-axis Cartesian robots in an entertaining i-Pad relay. The demonstration has been designed to point out the similarities and differences between the 5-axis Cartesian configuration and the 6-axis articulated design.
- **5 axis Multi-Material Injection Molding**
An MI-20 unit is shown in operation on a 210-ton Sumitomo Demag machine with a two-position rotating mold for making ice scrapers with soft-touch gripping surfaces. The MI or Multi-Inject robots (available in two different sizes for injection-molding machines up to 500T) are specially designed for applications where the secondary vertical injection unit would interfere with movement of a standard beam robot.
- **Success Robots and S3 Sprue Pickers Manipulating Toy Blocks**
A Success 7, the smallest unit in the Success Line of general-purpose robots is paired with an S3 all-servo sprue picker to play with jumbo plastic building blocks. Compared to standard pneumatically driven sprue pickers, the new S3 servo unit is faster – operating at 2 m/sec speeds on the vertical axis. It is also more accurate

(More)

and repeatable, more reliable and requires less maintenance. In addition to conventional sprue removal applications, the S3 picker can be used for simple part removal.

Sevro robots can also be seen in operation on the stands of the following injection-molding machine manufacturers:

- Sumitomo Demag – B1-1105
- Haitian – A6-6222
- Billion – B3-3104
- JSW – A7-7207
- Other private labels

VISUAL & TOUCH CONTROLS

All these different robots are operated using the same easy-to-use control platform, which was developed by Sevro especially for injection-molding applications. The 5- and 6-axis robots benefit from the application of the Visual 3 robot control, Sevro'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 Jean-Michel Renaudeau, CEO of Sevro Group, “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, Sevro has options that can meet their needs.”

ABOUT SEVRO

Sevro 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), Sevro 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, Sevro 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 Sevro's global network to over 40 other countries. To date, Sevro 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. Sevro anticipates it will grow 18% in 2014.



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

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.
https://dl.dropboxusercontent.com/u/51716465/Sepro/6X90L%20sepro_NEW.jpg

