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

PRESS INFORMATION

24 April, 2018

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

At Chinaplas 2018, Sepro Robots Demonstrate Advances in Automation and Production Support

Sepro Group, one of the world's largest makers of robots for injection molding machines (IMMs), together with its Sepro China daughter company, is demonstrating three robots at Asia's largest plastics and rubber trade fair. Chinaplas 2018 is being held April 24-27 at Shanghai's National Exhibition and Convention Center. The company is exhibiting in Booth 4.1 S55, and four more Sepro robots are being featured by other exhibitors.

"For years we have been saying that robots should be expected to do much more than simply replacing a machine operator for part removal," says Jean-Michel Renaudeau, CEO of Sepro Group. "At Chinaplas, we are demonstrating the potential of "Solution by Sepro," a program that provides injection molders with the equipment, engineering expertise and additional services needed to bring new levels of efficiency and quality to the process." In addition, by moving secondary manufacturing operations out the customer's plant (reducing their costs and increasing efficiency) and into the molder's plant, molders can add value and increase profitability.

Solution by Sepro encompasses:

- The full range of 3-axis, 5-axis and 6-axis robots.
- The ergonomic and powerful Sepro Visual control platform that enables advanced automation management.
- More than 25 years' experience and know-how that delivers a wide range of proven, competitive automation solutions for insert placement, overmolding, post-mold assembly, simple or complex palletizing, and more.
- The ability to employ new or existing Sepro robots, integrate them into a manufacturing cell built around any molding machines, regardless of brand.

(More)

- Guaranteed successful commissioning of the robot and its peripherals, and an attentive Customer Service team, ready to assist customers whenever they are needed.

Sepro Technology on Display
Sepro's display offers three robot demonstrations, all showcasing automation capabilities that go well beyond simple part removal:

- The first simulates an injection-molding quality-control station, where a Sepro 3-axis Success 11 robot retrieves parts, presents them to a camera for visual inspection, moves them to a scale for weighing, and communicates with the inspection system to determine whether the part meets specifications before releasing them to a conveyor.

- The second showcases an advanced Sepro 5X-25, which combines Sepro's 3-axis Cartesian design with the dexterity of a Stäubli 2-axis wrist. The robot's end-of-arm-tooling (EOAT) picks four inserts, one at a time, from a bowl feeder. Then, it moves to a simulated mold and positions the inserts in the mold at a 45° angle before releasing them.

- The third demo highlights the tool-change versatility of Sepro's large 3-axis Strong robots in automotive-related applications. The arm of a Strong 50 automatically connects to EOAT that carries an automobile bumper and moves it to a new station. Then, the robot releases that EOAT and uses its automatic change system to load another set of EOAT, this time carrying a dashboard, to a new location.

Four Sepro Robots Shown by IMM Suppliers
Sepro robots are also being demonstrated at the booths of four injection-molding machine manufacturers:

- ***Sumitomo Demag*** (Booth 4.1 J61) will demonstrate a Success 11 robot, a 3-axis, servo-controlled robot designed for IMMs of 80-180 tons.

- ***Milacron*** (Booth 4.1J23) is also deploying the Sepro Success 11 robot with its precision injection-molding machinery. The Success 11 robot excels in pick-and-place and stacking applications.

- ***FCS Group*** (Booth 3B61) is showcasing its new FB-280R, a multi-component IMM, working with a Sepro Success 11 robot to automate production of a multi-piece, multi-color collapsible strainer.

- ***Tederic*** (Booths 4.1E75, 5.1E81) has equipped one of its advanced IMMs with Sepro's 3-axis Success 22 robot, which serves IMMs up to 400 tons.

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, having equipped more than 33,000 injection-molding machines, Sepro Group is one of the largest sellers of robots in the world. Its 3-, 5- and 6-axis servo robots, special-purpose units and complete automation systems, are all supported by the Visual control platform developed by Sepro especially for injection molders. This unique controller is a key component in what the company refers to as ‘open integration’ – a collaborative approach to equipment connectivity and interoperability between the robot and the IMM that can be tailored to exactly suit the specific needs of processors and injection-molding OEMs. For Sepro and its customers and partners, “The Future is Wide Open 4 .0.”

—END—

Jean-Michel Renaudeau
CEO, Sepro Group
Download in high resolution:
https://tinyurl.com/SEP-JMRenaudeau