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

PRESS INFORMATION

19 August 2022

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

Interactive Robotic Demonstrations by Sepro Group Will Allow K 2022 Visitors to Experience the Future of Automation

At the K 2022 trade fair, Sepro Group will present several examples of injection-molding automation, giving visitors hands-on experience with future technological concepts including novel man-machine interface devices, total-system integration and artificial intelligence.

Each demonstration cells have been designed to be both informative and easy to use for all types of visitors. Attendees will be encouraged to take control of the robots and peripheral equipment to experience Sepro HMIs and, in one cell, visitors will be offered the opportunity to compete in K's Challenge. This games will be open to anyone, regardless of previous experience or training, partly to demonstrate how the robot controls of the future can be designed for use even by less-skilled operators.

"Sepro pioneered the concept of easy robot programming with the introduction our Simple-Pick-and-Place concept almost 20 years ago," says Charles de Forges, CEO & CTO. "Simplicity and ease of operation are even more important today. At K 2022, we not only want to demonstrate just how easy it can be, but we also want to see how people react to the concepts we have been developing so that we can discover which approaches are most likely to work best in the real world. We hope to learn as much from our visitors as they learn from us about robot control."

-More-

New Modular Control Software

K 2022 marks the debut of a new modular software architecture that enables the control of multiple pieces of robotic and auxiliary equipment via a single central control system. In one molding cell, for instance, the system will not only control a Sepro 5X-25 Cartesian robot and a 6X-140 six-axis articulated-arm unit, but also manage all additional peripheral devices as diverse as a conveyor, quality check equipment and a ink-marking machine.

The system also can gather quality and production data that is used to calculate Overall Equipment Effectiveness (OEE) and provide other operational insights. In the fully automated cell described above, these data will be displayed continually on a large video screen for visitors to see.

Other Sepro Robots at K 2022

Technical and commercial collaboration has always been part of Sepro's DNA, therefore in addition to the five robots operating on the Sepro stand, the Company's equipment will be seen in the booth of nine injection-molding machine manufacturers around the halls of the K show.

About Sepro

Sepro Group has grown with the plastics industry to become a leader in the automation of injection-molding processes. Across its almost fifty-year history, Sepro Group has equipped over 40,000 plastic injection-molding machines worldwide.

Sepro deploys modular and smart solutions that incorporate 3- and 5-axis Cartesian robots and 6-axis articulated-arm robots, from simple take-out applications to complex automation cells. A comprehensive range of peripheral equipment – including end-of-arm tooling, secondary assembly, gauging and finishing units, conveyers, stackers and guarding – makes it possible to automate and entire production line, integrating with any injection-molding machine, whether new or existing. These solutions can be adapted to a customer's application, taking into account the size of the molding machine, space available in the manufacturing plant and production rate objectives.

As a global company with subsidiaries or distributors in every key market in Europe, Asia and Americas, Sepro Group is able to support customers worldwide with a proven track record of excellence in after-sales service. Whatever the project, no matter where, there is a Sepro solution available.

# # #

K's Sepro Challenge can be expected to give attendees at the K 2022 trade fair a hands-on experience of robot control in a fun and mutually informative "gamified" format.

Download a high-resolution image at: https://sharefile.sepro-group.com/s/8i8EKoMdgx9wsWH