



Sepro Robotique
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PRESS INFORMATION

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Sverital Displays Six Sepro Robots at Plast 2018

Sepro Group, La Roche sur Yon, France is exhibiting a total of six robots at Plast 2018 on the stand of its Italian distributor, Sverital S.p.A.(Hall 22, Stand 61C/62D). The European plastics-processing tradeshow being held 29 May -1 June, 2018 in Milan, Italy.

A Sepro-Yaskawa 6X-70L 6-axis robot with Visual 3 control performs several important functions in an automation cell intended to demonstrate the integration of innovative technologies and products from different companies in a single working cell designed and built by Sverital Automation. The cell produces an inspection mirror that incorporates a PA 66 S/30 support and a thermoplastic elastomer grip. The articulated arm robot removes the molded part from injection-molding machine and positions it on a rotary table for secondary operations -- including adhesive mounting of the mirror and laser marking -- and then unloads the finished device before the cycle repeats.

The 6X-70L is the smallest of a range that can service injection-molding machines from 20 up to 5000 tons. The unit on operating at Plast 2018 has a working payload of up to 5 kg and has a reach of 895 mm

Offered in partnership with Yaskawa-Motoman, Sepro-Yaskawa robots provide an attractive balance of power, efficiency, agility and economy. Sepro's premium Visual 3 control platform, which was developed specifically for injection molding applications, has an intuitive, graphical interface and supporting features that make it easy to program and operate even complex 6-axis robots.

Other Sepro Cartesian robots on the Sverital stand include:

- A Strong 40 LD, a robust and economical solution for molding machines up to 1000 tons, and a smaller S5-15 perform together in robot ballet. The Strong unit is manipulating a Volkswagen Tiguan grille, and S5-15 handles a Ducati motorcycle part.

(More)

- A 5X-25 is being shown handling Volkswagen wheel covers. Its 5-axis configuration, which adds the precision of a 2-axis Stäubli CNC wrist to a standard 3-axis Sepro Cartesian structure, enables the beam robot to handle technically demanding parts at high production speeds.
- A Success 5, the smallest 3-axis-servo (CNC) robot in Sepro's product line, and an S5 Picker, which features a Cartesian-beam design with 3 servo-driven axes, are being shown together in a demonstration of dexterity involving molded iPhone cases.

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 30,000 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."

About Sverital

Founded in 1950, Sverital has positioned itself as a partner focused on helping its customers find solutions to demanding processing problems. Sverital represents companies and products from around the world that stand out for their quality and a balance between price and performance. These products are backed by the deep application expertise and knowledge of the specialized staff at Sverital.

Sepro robots are distributed in Italy by:

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The Strong 40 LD is a robust and economical solution for molding machines up to 1000 tons.

Download a high-resolution file at:
<https://tinyurl.com/SRO-Strong40>





The Sepro Yaskawa 6X-70L is one of six robots operating on the stand of its Italian distributor, Sverital S.p.A. at Plast 2018.

*Download a high-resolution file at:
<http://tinyurl.com/Sepro6X-70>*