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## PRESS INFORMATION

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### **Six Sepro Robots Operating at Feiplastic 2019; New S5-25 Speed Model Debuts in Brasil**

Four injection-molding machine manufacturers have included Sepro robots in the demonstrations taking place on their stands at Feiplastic 2019, the international plastics fair being held in São Paulo's Expo Center Norte from the 22<sup>nd</sup> to the 26<sup>th</sup> of April. Sepro do Brasil is exhibiting on Stand D71 and is introducing a new, high-speed 3-axis robot to the Brazilian plastics industry.

The S5-25 Speed robot, which is sized for machines from 120 to 450 tons, was developed for molders seeking a top-entry solution for fast-cycle applications. The special-purpose unit is intended primarily for simple packaging applications like flower pots, thin-wall food containers and tubs, and similar parts.

Part of Sepro S5 line of high-performance 3-axis robots for complex applications, the S5-25 Speed has a more-powerful, higher-torque operating motor, upgraded electronics and pneumatic valves, and a lighter vertical telescoping arm. This gives the robot vertical (Z-axis) stroke speed that is 50% faster than the standard S5-25, ensuring robot in/out times under 1 second and overall molding cycles under 4 seconds.

Like all S5-25 robots, the S5-25 Speed can be configured with horizontal strokes from 1500 to 6000 mm. It has a 700 mm demolding stroke, and a 1200 mm vertical stroke. Maximum payload, including end-of-arm tooling, is 7 kg. A smaller unit, the S5-15 Speed is also available to serve IMMs from 30 to 180 tons.

#### **ELSEWHERE AT THE SHOW**

An S5-25 Speed is one of five Sepro robots operating on the stands of injection-molding machine manufacturers at Feiplastics 2019. Haitian International (Stand D 70) is demonstrating the high-speed robot on a Haitian ZE 300-ton machine producing a short-

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cycle packaging part in 4-cavity mold. Haitian is also showing 5-axis 5X-25 robot from Sepro on a Haitian JU-III 550-ton machine. The robot removes an automotive part and passes it through simulated flaming operation. The 5-axis configuration is easily capable of the complex movements required for flaming applications.

Three other Sepro robots can be seen operating on the following stands:

- Yizumi (Stand E72) has equipped one of its 500-ton IMM with an S5-25 with telescoping arm to handle an automotive part;
- Chen Hsong (Stand G72) is demonstrating a Sepro Success 11 on a 208-ton machine;
- Tederic Brasil (Stand B72) is also running a Success 11 on a 328-ton IMM.

After celebrating a second consecutive year of record sales in 2018, Sepro do Brasil is anticipating another strong year. “Although the current political climate and economic turmoil in Brasil have affected the market, Sepro has been doing well,” says Oscar da Silva, South America Sales & Service Director.

## 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, Sepro Group is one of the largest independent sellers of robots in the world, offering a wider choice of robots than any supplier in the plastics industry. Three-, five-, and six-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 that can be tailored to exactly suit the specific needs processors and injection-molding OEMs. At Sepro, customers “Experience Full Control.”

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*Being shown in Brasil for the first time, the 3-axis Sepro S5-25 Speed, was developed for molders seeking a high-speed robot to serve injection-molding machines from 120 to 450 tons.*