



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

Sepro do Brasil
Rua Vicente Preterotti, 721
13214-730 – Jundiaí – SP
Phone: (55) 11 4815 4157
Fax: (55) 11 48154158

PRESS INFORMATION

March 9, 2015

CONTACT: Oscar da Silva, Sepro do Brasil, +55-11-4815.4157; odasilva@sepro-robotique.com
Caroline Chamard, Sepro Robotique - France, +33 (2).51.45.46.37; cchamard@sepro-robotique.com
Scott Collins, Public Relations, +1.216.382.8840; scollins@collins-marcom.com

Sepro and Sumitomo Demag Partner to Show In-Mold-Labeling Solution at Feiplastic 2015

Coming off a period of significant growth in the Brazilian market, Sepro do Brasil is exhibiting at the Feiplastic 2015 trade show with a wide range of robots and automation innovations. One of the highlights will be a demonstration of in-mold labeling (IML) in partnership with injection-molding machine manufacturer Sumitomo Demag.

Sepro is exhibiting on stand B020 with a large five-axis servo robot operating in a simulated edge-flaming application. The IML demonstration takes place on the Sumitomo Demag stand, number B098. In addition, Sepro robots can be seen operating elsewhere at the show:

- Haitian (Stand K440) is running a 3-axis-servo S5-15 robot with IML process. The S5 Line is designed for demanding technical applications. The S5-15, which is sized for molding machines from 30 to 180 tons, is one of three units in the range.
- Romi (Stand K398) is running a 3-axis-servo S5-25 robot, which suits machines from 120 to 450 tons.
- A Borchê machine in Stand I098 (with IMMAC, a Sepro representative in southern Brazil) is operating a 3-axis-servo Success 11 for molding machines from 30 to 150 tons. Success is a range of four robots intended for applications that require simple pick-and-place functionality and simple downstream operations.

Two other robots will be running on other exhibitor stands bringing the total number Sepro robots at the show to seven.

This commitment shows how important the Brazilian market is to The Sepro Group, which is headquartered in La Roche sur Yon, France. The last two years have seen the global company grow rapidly. Earlier this year, Sepro announced it had reached a record €79.2 million in sales in 2014, 18.5% over 2013 turnover, which was the previous record year. Unit sales topped 2100 injection-molding machines equipped for the first time in the company's

(More)

history. Emerging markets like Brazil, along with China and Eastern Europe are also trending upward.

“Even while the overall Brazilian economy suffered a downturn during the turmoil of World Cup and the presidential election,” explains Oscar da Silva, Director, Sepro do Brasil. “Here in Brazil, we finished 2014 with favorable results. The company even increased its turnover by 50% between 2012 and 2014.”

DEMONSTRATING IN-MOLD LABELING

The Sepro IML demonstration cell on the Sumitomo Demag stand is molding 1.2-l pails with wrap-around labels in a 2-cavity tool on a 4.5-sec cycle. The molding machine is a DEMAG SYSTEC 280T. The Sepro robot is the SE 350 side-entry model controlled by the new Visual 3 dual-core controller, which also controls the label-handling module supplied by IML specialist Machines Pagès. In operation, labels are fed onto the robot end-of-arm tooling where they held in place pneumatically. Then, the side-entry robot arm enters the mold as it opens, gripping the molded pails and stripping them from the mold cores. As the arm traverses its demolding stroke, the labels for the next set of pails are inserted into mold cavities, where they are released and held in place electrostatically. The robot arm retracts and places the molded pails on a conveyor before starting the cycle over again.

Through its partnership with Machines Pagès, Sepro is focusing on the Brazilian, North American and European markets, offering IML systems for molding machines up to 350 tons, and applying flat or shaped labels to such parts as lids, pots and trays. For these projects, Sepro will provide application development services, integrating their side-entry robots with standardized modules for distribution, transfer, electrostatic loading and removal of labels supplied by Machines Pagès. A team of Sepro technicians, experienced with IML and automation projects, will coordinate installation and start-up, and Sepro will provide after-sale service through its global hotline in English, Portuguese, French, German, and Spanish.

Sepro side-entry IML systems are based on the S5 platform. Featuring a rigid single-piece frame structure and prismatic linear guide rails, the robots are well adapted to rapid acceleration. Powerful servomotors ensure maximum precision and speed, achieving minimum cycle times of 3.9 sec on IML applications, with mold-intervention times as short as 0.9 sec. The maximum horizontal (mold-penetration) speed is 5 meter/sec.

Machines Pagès, Foncine le Haut, France, is among the world's largest manufacturers of IML systems and it brings to the partnership proven modules for the distribution, transfer, electrostatic loading and removal of labels. Building on its expertise in Cartesian and side-entry robots, Sepro contributes strong mechanical architecture driven by its new Visual 3 control with simplicity and power that are already the benchmark for automation control in the plastic injection-molding industry.

ABOUT SEPRO

Sepro 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),

Sepro 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, Sepro 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 Sepro’s global network to over 40 other countries. To date, Sepro has equipped more than 25,000 injection-molding machines worldwide. The company’s global turnover for 2014 was €79.2 million.

XXX



The Sepro IML demonstration cell on the Sumitomo Demag stand is molding 1.2-l pails with wrap-around labels in a 2-cavity tool on a 4.5-sec cycle.

Download high-resolution image:

<https://dl.dropboxusercontent.com/u/51716465/Sepro/IML/SeproIMLSystemOct2012.jpg>