

Press release

24 April 2013

Fully electric injection moulding machine SE-HSZ demonstrates itself to be a packaging talent

## **Sumitomo (SHI) Demag do Brasil will be at the Feiplastic 2013 in Brazil**

**The Brazilian subsidiary of the German-Japanese machine builder, Sumitomo (SHI) Demag, will be profiling itself as a full-range supplier in the packaging area at the Feiplastic from 20 to 24 May in São Paulo, on stand № H90. A fully electric high-speed SE-HSZ machine will be producing a 1.5 l container with IML labels.**

At the Feiplastic, Sumitomo (SHI) Demag do Brasil will be presenting a fully electric SE 280 HSZ with 2,800 kN clamping force. This machine will be producing 1.5 l containers with IML labels in a 2-cavity mould made by the Brazilian manufacturer For-Plas Indústria de Embalagens Ltda.. Imdecol Ltd., Israel is supplying the equipment for the label magazines. The containers weighing only 41 g are made from polypropylene, have a wall thickness of 0.75 mm and are produced with a cycle time of 5.8 seconds.

The peripherals comprise a compact 2-circuit cooling machine from Mecalor, Brazil, a conveyor belt from Crizaf, Italy as well as a material conveyor and ink dosing machine from Moretto, Italy.

### **The SE-HSZ machine series**

Special features of the midsized SE-HSZ include:

- The advantages of an all-electric machine combined with injection speeds of 350 mm/sec and an injection pressure up to 2745 bar.
- Z-moulding: An MCM system that senses the minimum force required on contact with the mould; it helps to avoid flash, burn spots and short shots, and can reduce mould wear, cycle times and power consumption.
- Fast, nozzle-touch system with high contact force of up to 6.61 tonnes (comparable to a hydraulic machine).
- The SM screw (standard equipment) permits low-shear plasticizing and thorough mixing at low temperatures.
- Unique clamping force correcting system ensures a stable clamping force

To date, the SE-HSZ is available with three clamping forces in the range from 2200 kN to 3500 kN.

### **Sumitomo (SHI) Demag do Brasil**

**Feiplastic, 20 – 24 May 2013**

**Pavilhão de Exposições do Anhembi, Santana – São Paulo – H90**

### **Sumitomo (SHI) Demag do Brasil**

Together with its subsidiary company, Sumitomo (SHI) Demag do Brasil, Sumitomo (SHI) Demag Plastics Machinery has been represented in the Brazilian injection moulding machine market since 1989. Sumitomo (SHI) Demag do Brasil is not only to be found at its head office in Barueri in the Brazilian federal state of São Paulo, located approx. 25 km north west of the city of São Paulo, but also in all the

economically important regions of the country such as Paraná, Santa Catarina, Rio Grande do Sul and Rio de Janeiro through its sales offices and service centres. The company's activities in Argentina, Bolivia, Chile, Columbia, Paraguay and Uruguay are likewise managed from Brazil.

Due to its early entry and experience gained over many years in Brazil, as well as consistently driving forward developments in the technology and service areas, Sumitomo (SHI) Demag do Brasil has been counted among the leading manufacturers on the market for many years now. More than 950 Demag machines have been delivered to Brazil and other South American countries since 1989. Spare parts and service provision provide support for customers at all times and in all places.

<http://brasil.sumitomo-shi-demag.eu/>

\*\*\*\*\*

## **Contact**

Christoph Rieker  
Sumitomo (SHI) DEMAG do Brasil Com de Maquinas  
para Plásticos Ltda.  
Phone: +55 11 4194 4112  
Fax: +55 11 4195 4113  
E-mail: vendas@sumitomo-demag.com.br

Stefanie Lauterbach, Marketing  
Sumitomo (SHI) Demag Plastics Machinery GmbH  
Tel. +49 911 5061-2915  
Fax +49 911 5061-750  
E-mail: Stefanie.Lauterbach@dpg.com

<SE220HSZ>



*The fully electric SE-HSZ injection moulding machine – the model with 2,200 kN clamping force is shown here.  
Photo: Sumitomo (SHI) Demag*

<SDG\_container\_label>



*The 1.5 l container is produced on an SE 280 HSZ and is decorated with IML.  
Photo: Sumitomo (SHI) Demag*