

Press release

12 December 2013

CJSC Sumitomo (SHI) Demag Plastics Machinery presents efficient standard injection moulding

## **CJSC Sumitomo (SHI) Demag Plastics Machinery will present a virtuoso machine from the hydraulic series at the Interplastica in Moscow**

**The Russian subsidiary of the German/Japanese machine builder, Sumitomo (SHI) Demag, will be presenting a hydraulic Systec machine with a consumer application at the Interplastica from 28 - 31 January 2014 in Moscow, in Hall 3 at stand 3C14.**

A fully hydraulic Systec 210-840 (2,100 kN) will be in operation at the trade show stand of CJSC Sumitomo (SHI) Demag Plastics Machinery, producing the lower portion of a coin dish made from polystyrene (PS). Using the mould from VIKI Vostok OOO, Moscow, the mouldings weighing approx. 98 g are produced in a cycle time of 20 s. An integrated linear robot from Sepro Robotique, La Roche-sur-Yon Cedex/France removes the mouldings from the mould and places them on a conveyor belt. The complete peripherals, comprising a conveyor belt, material transport device and mould cooling, are provided by Moretto S.p.A., Massanzago (PD)/Italy.

Sumitomo (SHI) Demag Plastics Machinery GmbH offers the ideal economical solution for a wide range of standard applications in injection moulding processes with its Systec series. The fully regulated, hydraulic multifunction series is available in 19 sizes in the clamping force range from 350 to 20,000 kN. Sumitomo (SHI) Demag offers the Systec series from 350 to 1,200 kN clamping force with a fully hydraulic closing unit; a knuckle-joint closing unit is used from 1,300 to 20,000 kN.

**active components make full use of the efficiency potential offered by hydraulic machines**

Various possibilities are also available for increasing efficiency in hydraulic Systec injection moulding machines. For example, the activeCool&Clean filter and oil cooling concept extends the service life of the oil, ensures more precise temperature control, provides for lower wear and lower noise levels, extends the service intervals and thus reduces maintenance costs. What is more, it is possible to use a fully electric metering drive in the knuckle-joint versions available from 1,300 kN and upward.

Dynamic power adjustment of the hydraulic drive by activeDrive provides for further energy savings; this is a combination of a variable-speed electric motor and a highly dynamic regulating pump.

### **CJSC Sumitomo (SHI) Demag Plastics Machinery**

**Interplastica, 28 - 31 January 2014**

**Krasnaya Presnya Moscow, Russia – Hall 3, stand 3C14**

### **CJSC Sumitomo (SHI) Demag Plastics Machinery**

Sumitomo (SHI) Demag is represented in Russia and the Commonwealth of Independent States (CIS) by its subsidiary company, CJSC Sumitomo (SHI) Demag Plastics Machinery, based in Moscow. The branch maintains what have traditionally been outstanding business relations with Russian plastics processors. It has been providing care for its customers not only in terms of sales but also a wide variety of other services for 22 years now. These include not only guidance regarding application technology and project planning but also a round-the-clock hotline and seamless spare parts provision from its Moscow depot.

CJSC Sumitomo (SHI) Demag has installed more than 3,200 injection moulding machines in the Russian market since 1990. These successes led to Sumitomo (SHI) Demag rapidly assuming a position as a market leader. Customers with branches and production sites in Russia operating both nationally and also globally have long come to rely on injection moulding technology originating from Schwaig and Wiehe. The CJSC Sumitomo (SHI) Demag Team also manages to gain new customers every year as well.

CJSC Sumitomo (SHI) Demag is represented in Moscow with its own central marketing organisation as well as through its own personnel and agents in all the key economic regions such as St. Petersburg, Nizhny Novgorod and Ufa as well as Minsk (Belarus). The activities of the agencies in Kiev (Ukraine) and Tashkent (Uzbekistan) are also managed from

Moscow. Dipl.-Ing. Alexander Votinov has been the Manager there since the summer of 2010.

Sumitomo (SHI) Demag deals with the demands of the Russian market, which can sometimes be very varied, from its international production sites on a decidedly individual basis. The deployment areas for injection moulding machines are widely spread throughout Russia as are plastics processing. Manufacturers of plastic packaging, vehicle components, electronic products and devices, hygiene articles, stationery, medical parts and consumer goods rely on standard and special machines from Germany. The machines supplied to Russia are adapted to meet local operating conditions and are all certified according to the Gosudarstvennyj Standard (GOST), the prescribed Russian standard.

CJSC Sumitomo (SHI) Demag addresses the specific needs of individual sectors with focused system solutions. In order to equip imported machines, the branch cooperates with leading European manufacturers of moulds for injection moulding, robots and IML automation technology. This means Russian customers are offered the full range of peripheral devices - even for complex installations and projects. Sumitomo (SHI) Demag has been in partnership with Sepro Robotique, the largest European manufacturer of removal robots operating independently of injection moulding machine manufacturers, since 2009. Via CJSC Sumitomo (SHI) Demag, Russian customers have access to the respective optimum robot models for solving current automation tasks. A showroom in Moscow is always fitted out with current injection moulding machines and allows customers to carry out mould tests and mould validations. Training sessions and courses enable operators to become familiar with the machine and operating technology.

[www.sumitomo-shi-demag.ru](http://www.sumitomo-shi-demag.ru)  
[www.demag.ru](http://www.demag.ru)

\*\*\*\*\*

## **Contact**

Alexander Votinov  
CJSC Sumitomo (SHI) Demag Plastics Machinery  
Phone: +7 495 937 97 64  
Fax: +7 495 933 00 78  
Email: Alexander.Votinov@dpg.com

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

<Systec\_160-840>



*The Systec machines available from 350 to 20,000 kN represent an economical production solution for the broad range of standard applications. At the Interplastica, a 2,100 kN version will be producing the lower portion of a coin dish made from polystyrene*  
*Photo: Sumitomo (SHI) Demag*

*Photo: Sumitomo (SHI) Demag*

<Systec\_210\_coin\_dish>



*Lower portion of a coin dish made from polystyrene on a Systec 210-840 hydraulic injection moulding machine using a mould from Viki Vostok.*

*Photo: Viki Vostok*