

Press release

21 November 2012

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

CJSC Sumitomo (SHI) Demag Plastics Machinery will be taking part in the Interplastica 2013 in Moscow

The Russian subsidiary of the German-Japanese machine manufacturer, Sumitomo (SHI) Demag, will be presenting an all-electric IntElect with a consumer application at the Interplastica from 29 January to 01 February 2013 in Moscow in the Forum Hall at Stand № FE54.

CJSC Sumitomo (SHI) Demag Plastics Machinery will be presenting in Moscow an IntElect 100-500 with 1,000 kN clamping force, which will be producing a pencil case made of polypropylene (PP) in a mould of the company of Stamm OOO, based in Saratov/Russia. Material provided by LyondellBasell Industries, Moscow/Russia, will be processed. The parts weighing approx. 63 g will run with a cycle time of 16 secs. An integrated linear robot from Sepro Robotique, La Roche-sur-Yon Cedex/France will remove the parts from the mould and place them on a conveyor belt. The whole periphery, consisting of conveyor belt, material feed device and mould cooling will be provided by Moretto S.p.A., Massanzago (PD)/Italy.

The IntElect smart, with its high performance and availability, larger tie bar spacings and linear guides for high-volume and heavy moulds, is ideally geared to the needs of the market. Its excellent reproducibility with outstanding processing capability values forms the basis for zero-error production. Drives specifically developed for injection moulding contribute towards ensuring high efficiency and dynamism. The linear guides for the movable sheet as well as further optimised kinematics of the 5-point double knee lever ensure a high level of smooth running. Through the interaction of the seamless monitoring of the processing forces during the closure movement and the quickly reacting machine control, the highly sensitive activeQ mould protection system provides effective protection for valuable moulds against wear or damage.

Like all of its electric injection moulding machines, Sumitomo (SHI) Demag manufactures the IntElect smart in its centre of competence for electric machine technology in Wiehe, Thuringia. It is programmed with eight clamping forces ranging from 500 to 4,500 kN.

**CJSC Sumitomo (SHI) Demag Plastics Machinery
Interplastica, 29.01. - 01 February 2013
Krasnaya Presnya Moscow, Russia – Forum Hall,
Stand FE54**

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 as 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
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Photo: Sumitomo (SHI) Demag

<IntElect_100_340>



The electric IntElect injection moulding machine - the model shown here has 1,000 kN clamping force.

Photo: Sumitomo (SHI) Demag

<IntElect_100_pencil_case >



Pencil case, manufactured on an all-electric IntElect 100-500 injection moulding machine in a mould from Stamm 000.

Photo: Sumitomo (SHI) Demag