

Press release

14 April 2011

Sumitomo (SHI) Demag at the Plastpol 2011, Hall G
Stand 25

Sumitomo (SHI) Demag presents the all-electric IntElect smart in Kielce, Poland

At the Plastpol, which will be held in Kielce, Poland, from 24 until 27 May 2011, the German-Japanese company Sumitomo (SHI) Demag will be giving a live presentation of the high efficiency, precision and reproducibility of the all-electric IntElect smart machine in the production of closure caps. The presentation will be given at stand № 25 belonging to the Sumitomo subsidiary, Demag Plastics Group Sp. z.o.o., Częstochowa.

In Kielce Demag Plastics Group SP. z.o.o. will be presenting an IntElect 50-110 with a clamping force of 500 kN that produces polyethylene closure caps in a mould from ZAHORANSKY GmbH Formen- und Werkzeugbau.

The IntElect smart, with its high efficiency and availability, wide tiebar spacing and linear guides for voluminous and heavy moulds, is exactly tailored to the requirements of the European market. Its excellent reproducibility and outstanding process capability forms the basis for zero-error production. Drives specially developed for injection moulding contribute towards the high efficiency and dynamism. The linear guides for the

moving platen and the enhanced kinematics of the 5-point double toggle mechanism ensure extremely smooth operation. Due to the interaction between the continuous monitoring of the closing forces during the clamping movement and the fast reactions of the machine control mechanism, the highly sensitive mould protection system, activeQ, effectively protects valuable moulds against wear and tear or damage.

Previously the IntElect smart was offered with four clamping forces of between 500 and 1.600 kN. Since the K Trade Fair in autumn 2010, the portfolio has included four further models with clamping forces of between 2,200 and 4,500 kN with which Sumitomo (SHI) Demag has extended the application range of its all-electric machines to include greater clamping forces, heavier moulds and higher shot weights.

Demag Plastics Group SP. z.o.o.

Sumitomo (SHI) Demag Plastics Machinery has been present in the Polish market for injection moulding machines since 2004 due its subsidiary, Demag Plastics Group SP. z.o.o. Tomasz Tybura Dipl.-Ing., Managing Director of Demag Plastics Group SP. z.o.o., served customers of Sumitomo (SHI) Demag-Maschinen for many years in his capacity as founder and co-owner of Dematech, which once represented Demag.

The company is based in Czestochowa, which is situated 230 km south-west of Warsaw and where Demag Plastics Group SP. z.o.o. also offers its customers rooms for training and education,

presentations of machinery, acceptance tests for moulds and customer trials.

In addition to Tomasz Tybura, the company has a further thirteen employees working for the Demag Plastics Group in Poland. The sales engineers and service staff are mainly based in the three main centres of the Polish plastics processing industry, Silesia, Warsaw/Lodz and Bydgoszcz/Posen.

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<IntElect_100_smart>



The electrical injection moulding machine, IntElect smart – the model with a clamping force of 1,000 kN is shown here. Since the K 2010 it has been available with a clamping force of up to 4,500 kN; a model with a clamping force of 500 kN can be seen at the Plastpol.

Photo: Sumitomo (SHI) Demag

<Closure cap>



At the Plastpol an IntElect 50-110 can be seen producing closure caps.

Photo: Sumitomo (SHI) Demag