

Press release  
September 14, 2011

## **Demag Plastics Machinery (Ningbo) Co., Ltd. won the Ringier Technology Innovation Awards in 2011 for the energy saving equip- ment 'activeDrive'**

Demag Plastics Machinery (Ningbo) Co., Ltd. won the Ringier Awards with new injection moulding technology 'activeDrive' - a feature that helps reduce specific energy consumption. 'activeDrive' is available on the hydraulic injection moulding machine range Systec C.

'Energy saving is one of the most important topics in China. The activeDrive ensures energy savings up to 45 % and helps our customers to gain an advantage over their competitors. This is the third time we get this Innovation Award and we are glad to receive it for this innovative solution.' says Markus Stadler, Head of Technology of Demag Plastics Machinery (Ningbo) Co., Ltd.

### **Hydraulic injection moulding machines of the Systec C model made in China**

In order to serve Chinese moulders, who have high and continually growing demands in relation to production efficiency, durability and reliability, and to offer them economical injection moulding machines, Demag Plastics Machinery (Ningbo) and Sumitomo (SHI) Demag

have adapted their portfolio of machinery to match the requirements of Chinese injection moulding plants.

By adapting the Systec to local needs they manufacture in China on the basis of the global Systec platform a range with clamping forces of between 500 and 8.000 kN for the Chinese and Asian market. This product line from Sumitomo (SHI) Demag with 20 clamping forces of between 350 kN and 20,000 kN and a consistent modular design is offered all over the world. As a fully regulated, hydraulic, all-purpose machine it is used to produce versatile plastic parts for customers in many different branches of industry.

### **activeDrive – the energy saving equipment**

The Systec platform has a large number of features that help reduce specific energy consumption: The activeDrive feature, which dynamically adjusts the output of the hydraulic drive, optimises consumption in phases where only little output is required. The modernised electrical screw drive ensures that energy is saved while guaranteeing gentle plastification at the same time and therefore greater production efficiency. Improved insulation of the heating elements on the cylinder jacket reduces heat emission at the plastification unit.

### **The Ringier Technology Innovation Awards**

The purpose of the Awards is to recognize those who have made the most significant contributions for the advancement of the industry through productivity increase, economic efficiency, market opportunity creation and the manufacturing process.

Nominated items must either include new product or technology launches available in 2010-2011 or must be relevant to China and in the forefront of the industries covered, or otherwise have helped in pushing these industries in China into the frontline. The third criterion for the nominated items is to provide great impetus to the industry development, and have been widely introduced, applied and promoted.

**Demag Plastics Machinery (Ningbo) Co., Ltd.**

Demag Plastics Machinery (Ningbo) Co., Ltd. is the wholly-owned subsidiary company of Sumitomo (SHI) Demag Plastics Machinery GmbH as one of the largest European injection moulding machine producer in China.

Demag Plastics Machinery (Ningbo) Co., Ltd, Ningbo/China, has been producing high-performance injection moulding machines for the Chinese and Asian market since 1999. Since 2007 the former Demag plant has had its own new works. After full capacity was reached the plant moved to larger factory premises with a production area of 11,000 sqm. Injection moulding machines from the Dragon and Systec C product lines are produced here for Asian markets, with clamping forces of 500 to 8,000 kN.

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(image left to right)

*Photo: Demag Plastics Machinery (Ningbo)*

<Systec\_160\_840\_C>



*The energy-efficient, hydraulic injection moulding machine, Systec C produced by Demag Plastics Machinery (Ningbo) Co., Ltd. – shown here is a Systec 160-840 C with 1,600 kN clamping force*

*Photo: Demag Plastics Machinery (Ningbo)*