



More than 2,000 visitors at ENGEL Symposium

## Fighting the crisis with innovations

**Schwertberg/Austria – May 2009. The amazing success of the ENGEL Symposium 09, 27th and 28th May in St. Valentin just goes to show that innovation is an important topic even in difficult times. Some 2,000 guests from 45 countries followed the invitation by the Austrian injection moulding machine manufacturer and enjoyed fascinating keynotes, highly innovative exhibits and interesting talks. This is a new record for ENGEL – it has never welcomed so many visitors to a symposium before. And this despite the very tense market situation.**

How can you achieve maximum economy in injection moulding, while at the same time minimising energy consumption? Answers to these and other questions were the focus of the ENGEL Symposium 09 in St. Valentin and Linz. In keeping with its catch phrase "close to the customer. open to innovation" ENGEL presented 17 innovative exhibits that focused on high productivity and low energy consumption. On top of this, visitors had a fantastic opportunity to update their skills by attending talks on the latest trends in the plastics industry.

This is ENGEL's way of demonstrating that the company is continuing to emphasise innovation and development in these difficult economic times. Innovative products reinforce ENGEL's market leadership and form the basis for its own, and its customers' future success. At the symposium, ENGEL showed some highly ground-breaking solutions, such as the ENGEL clearmelt process. To do so, the manufacturing of a cover for an automobile interior with visually impressive 3D effects and excellent scratch resilience was demonstrated during the symposium. The production system for the demonstration used



sliding table technology to inject transparent polyurethane over a thermoplastic carrier. Compared to legacy approaches – such as multiple layer coating – excellent productivity and thin layers are the major benefits. The partners in this project were Schöfer (product idea and mould), Hennecke (PUR machine), Votteler (PUR), Burg Design (foil) and Bayer (carrier material).

The presentation of ENGEL onyx was another highlight. ENGEL onyx is a new carbide coating for screws which improves both the coating toughness and the bonding force by 300 percent. The unique selling point of the new ENGEL onyx coating is the evenly spread coating of carbide metal over the whole screw contour with an extremely high bonding potential and improved robustness.

Last but not least, ENGEL ecodrive introduced the new energy-saving drive system for the ENGEL victory and ENGEL duo machines. The new servo-hydraulic economises with energy: In contrast to the standard hydraulics with asynchronous motor used previously, the new system has a fixed displacement pump and servomotor. The ENGEL ecodrive gives manufacturers the ability to keep the speed down to the required level when the machine is running. In other words, the drive is only active during movements.

All told, an exhibition of superlatives.

"In these drastic economic times, our customers are increasingly relying on improving their competitiveness by increasing productivity, innovations and energy savings. And they look for innovative and stable partners for the future to help them achieve this. The very positive response with 2,000 attending the ENGEL Symposium shows that we fulfill these needs by offering our customers attractive solutions to help them continue mastering future market challenges and motivates to continue this way", says Dr. Peter Neumann, CEO ENGEL Holding.



Fig. 1: Dr. Peter Neumann welcoming the visitors to the ENGEL Symposium



Fig. 2: Some 2,000 guests followed the invitation to the ENGEL Symposium 09



Fig. 3: In keeping with the catch phrase "close to the customer. open to innovation" ENGEL presented 17 innovative exhibits with the focus on high productive and low energy consumption.

### **ENGEL AUSTRIA GmbH**

The ENGEL brand denotes the world's biggest manufacturer of injection moulding machines and, at the same time, one of the world's leading plastics processing machine manufacturers. Today, the ENGEL Group offers a full range of technology modules for plastics processing as a single source supplier: Injection moulding machines for thermoplastics and elastomers, and automation, with the assurance that individual components are also competitive and successful in the world markets. With eight production plants in Europe, North America and Asia (China, Korea), subsidiaries and representatives in over 85 countries, ENGEL offers its customers the optimal global support they need to compete and succeed with new technologies and leading-edge production systems.

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