

## **International MuCell Conference in Schwertberg in November Success with low pressure**

Schwertberg/Austria – November 2016

**In a strongly practice-oriented, two-day conference taking place in Schwertberg, Austria, on November 22nd and 23rd, 2016, ENGEL continues its very successful MuCell event series together with the Trexel company. The conference will be held in German and English.**

"MuCell foam injection moulding has become very well established and is one of the main lightweight construction technologies," emphasizes Michael Fischer, Sales Manager Technologies at ENGEL AUSTRIA. "Now the focus is on leveraging the potential that the MuCell process offers on an even broader scale." The conference will provide many inspiring ideas for this in technology presentations, live demonstrations at the ENGEL technology centre and best-practice examples. The spectrum of topics covers the entire process chain, from component development, design engineering and materials to the injection moulding process and surface finishing technology. The conference is geared towards plastics processors and mould manufacturers as well as developers and design engineers.

### **Best-practice examples from the automotive industry**

The conference has a strong focus on practical experience gained with the technology. The automotive suppliers Dräxlmaier and Alseca Engineering are presenting projects realised together with ENGEL.

Dräxlmaier was one of the first in Europe to implement MuCell applications and can look back on eleven years of experience in foam injection moulding. The company with headquarters in Vilsbiburg, Germany, supplies renowned automobile manufacturers and OEMs with high-quality interior components, taking on the challenge of combining cost-efficient lightweight design with sophisticated surface finishing.

The Alseca Engineering company from Tunari (Ilfov), Romania, is specialised in the development and manufacture of sophisticated hybrid components, and is one of the MuCell pioneers in Eastern Europe. "In the past two years, MuCell has become increasingly important in Eastern Europe," says Fischer. "The automotive industry is driving the growth, although other areas are also taking advantage of the benefits of foam injection moulding, such as the white goods industry."

### **Lightweight design with top-quality surface finishing**

A third practical example at the conference will be the DecoJect process, which was a very big success at the ENGEL presentation at the K show in Düsseldorf in October. DecoJect combines MuCell foam injection moulding with in-mould-graining (IMG) in a roll-to-roll process and thus delivers light-weight components with a very high-quality surface finish in just one step. Both the colour and the finish structure and haptical features of the parts are created using the IMG film. The very high degree of process integration and automation of the manufacturing cell presented in Düsseldorf sets new standards for the cost-effective production of visible components.

ENGEL as system expert provides manufacturing cells for MuCell foam injection moulding as a single-source supplier and carries the overall responsibility for the system, including components that are implemented in collaboration with partners. ENGEL imports Trexel MuCell systems from the USA for its customers, also managing the integration of the controls and safety aspects into the injection moulding machine.

Further issues will also be addressed at the conference, among other things in talks on standards, standardisation and design guidelines, on foaming with polyolefins, and on designing moulds and hot runners for working with MuCell. Speakers from Borealis, Covestro, GK Concept, Synventive, Trexel and ENGEL will be discussing these topics.

The two-day event will be rounded off by a tour of the machine production plant at ENGEL headquarters and an evening buffet, providing ample opportunity for personal conversation and networking.

**Further details and registration: [training@engel.at](mailto:training@engel.at)**



MuCell offers the opportunity of combining resource-efficient lightweight design with a high degree of cost efficiency and excellent component properties.

Picture: ENGEL

### **ENGEL AUSTRIA GmbH**

ENGEL is one of the global leaders in the manufacture of plastics processing machines. 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 nine production plants in Europe, North America and Asia (China and Korea), and subsidiaries and representatives in more than 85 countries, ENGEL offers its customers the excellent global support they need to compete and succeed with new technologies and leading-edge production systems.

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