

Waldorf Technik at the K-exhibition for the first time

Spring board for conquering new markets

The specialist for Automation and Injection Moulding Periphery – Waldorf Technik GmbH & Co. KG, Engen - will exhibit for the first time with their own stand on the leading plastic exhibition K2007 in Düsseldorf. From 24th to 31st October 2007 interested visitors can witness the performance capability of Waldorf's IML (In mould Labelling) systems during live presentations on the stand of machine manufacturer Arburg (hall 13) or can receive all information on the Waldorf stand B02 in hall 07a.

How do the labels end up on a yoghurt cup?

„At K2007 we present how the labels end up on a yoghurt cup. Together with our exhibition partner, the injection moulding machine manufacturer Arburg, we will show an IML-system with 360-degrees-label application, “ explains Wolfgang Czizegg, CEO of Waldorf Technik GmbH & Co. KG. “The plastic film is inserted into the six cavity-tool of the 200 tons-injection moulding machine very dynamically”. Fast, with accuracy – exact positioning within a few hundredths of a millimetre – and the film “bonds” with the plastic cup perfectly. “The result can be seen on the fridge shelves of every food market, on the yoghurt cups of well-known manufacturers.” Besides yoghurt cups, many different types of food packaging can be labelled with the 360 degrees-film in general. The presentation at K2007 is a good example of project work between a machine manufacturer (Arburg in this case), a tool specialist (e.g. Otto Hofstetter) as well as the automation specialist Waldorf Technik. Waldorf Technik will demonstrate their capabilities on an Arburg injection moulding machine type 570A-2000-800.

How does the IML automation technology work?

A magazine table with only one plate is fixed to the back of the injection moulding machine. For industrial use this would be exchanged to a fast magazine changer. “At the exhibition we concentrate on the core parts” explains Czizegg. The magazine is filled only once a day. “The labels are placed into the magazine, the system takes the labels from the horizontal table by servo axis. They are given to the brush station where the six labels are brushed on dummy cores and are held by vacuum. The signal “mould open” drives the servo motor controlled and water cooled high speed axis D3S in position. The six dummies place the labels precisely in the matrix cavity of the tool. The finished cups are removed on the core side.” Movement into the cavity and the removal of the labelled cups – with hand over at a stacking unit – are running in parallel according to Czizegg. The total cycle time is less than 5 seconds.

Own Stand and Live Show

Waldorf Technik demonstrate their automation technology during live presentations with an injection moulding machine system on the Arburg stand. Further talks are possible and detailed information available on Waldorf's own stand at K2007. Additionally, Wolfgang Czizegg promises “We will be available on other stands of injection machine manufacturers during K2007.”

K2007 for worldwide contacts

Waldorf Technik is taking part at the K-exhibition for the first time this year. Czizegg: "Our aim is to increase our international contacts. K is the leading exhibition for plastics technology. A presence is crucial to open up new and interesting markets." Waldorf Technik are planning to intensify their efforts in Europe, Middle East, Eastern Europe, and the United States. The K showpiece, the automation technology for the labelling of food packaging, will be shown on further exhibitions through their partner Arburg. This, hopefully, makes the K 2007 a spring board for Waldorf in order to conquer new markets. CEO Czizegg is looking forward to welcoming numerous visitors at the Waldorf stand in order to present them Waldorf's innovative automation technology.

Photo: IML yoghurt cup

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