

# Fireworks in Hamburg as Kroenert claims new lamination world record

The Kroenert Group, consisting of Hamburg-based Max Kroenert, Drytec and Swiss sister company BMB Bachofen + Meier, had a double surprise for a select audience of coaters and converters during their 'Flexible Packaging Day' on 25 June in Hamburg.

Over 100 international guests in the Kroenert Technical Centre were witness to two spectacular premieres, firstly the unveiling of a new coating and laminating line followed by the opportunity to watch solventless lamination at world record machine speeds.

## 90% coating capability

With the increased demand for lower cost and simpler machinery in mind, the PAK 610 wax coater was premiered as a compact low budget machine costing less than €500 000.

A remarkable claim is that 90% of all processes, which can be carried out on the flagship PAK 600, are also possible on the PAK 610, and its modular design and small footprint provide flexibility.

Furthermore, Kroenert guarantees that its high quality standards are fully met by the new machine series. Running at speeds of up to 300m/min

on a working width of 1300mm, the new line already fulfils the highest production demands. The basic machine is also supplied with a view to possible modular upgrades.

Two live demonstrations of the PAK 610 illustrated its impressive performance capability – firstly, a high gloss coating and, secondly, lamination of foil and paper.

The confident demonstration was rounded off by the declaration of the first order for the PAK 610, with French manufacturer of food papers Mupa Emballages securing the first unit.

## World record

The event was accompanied by a number of technical presentations, in which various aspects of machine technology, base materials and coatings were highlighted.

The absolute highlight of the day for the guests in the Kroenert techni-



The Kroenert team in front of the new line. Seen from left to right are manager application and technology centre Dr. Wolfgang Neumann, product manager wax/hotmelt and fuel technology Jens Vollpott and Kroenert managing director Walter Reiter

cal centre was a surprise and spectacular world record for solventless lamination. For the first time two layers of OPP film were successfully laminated together at a speed of 800m/min.

Henkel key account manager Andreas Wenzlaff, who supplied adhesives used in the trials, told C2: "There can be a problem at such high speeds with fogging but, in this case, there was no sign of that at all, so I would say the world record claim is certainly justified." ■



Test run of the PAK 610, demonstrating lamination of foil with paper



800m/min sets a new world record