



Gegr. 1842

# BELLMER

## “Flying Eagle”: Successful start of new Kotkamills board machine

Bellmer Vaahto was the main supplier of a 5.4 m-wide magazine paper-to-board machine conversion completed at Kotkamills in Finland in July. With a total investment of 170 million Euros the new machine has a production capacity of 400,000 t/a. Known as The Flying Eagle, BM 2 started up on schedule. The extraordinary project owes its name to the translation of the Finnish word “Kotka” which means “eagle”. The new machine produces high quality consumer board for demanding global customers. A range of folding boxboards are produced under the brand name AEGLE and a range of food-suitable boards under the brand name ISLA.

Bellmer’s work on the project was divided between its German and Finnish workshops. The entire TURBOPress™ tandem shoe-press section was supplied from Bellmer’s main location in Niefern, Germany, while Bellmer Vaahto’s Hollola workshop in Finland took on the 3-ply wire section including TURBOVaahtoJetter™ headboxes and TURBOFormerPro™ top-former unit. The extension of the dryer section, new hood, pulpers and approach flow systems also formed part of Bellmer’s scope of supply. Engineering, project management, full erection, commissioning, customer training and start-up services were essential elements of this Bellmer project.

BM2 is the first machine in the world to have the capability to produce dispersion barrier coatings directly on the machine, producing barrier boards that can be recycled with normal paper waste due to their zero plastic content. “The interest in our new sustainable products has been huge. The new machine offers a wide range of interesting possibilities for converters, brand owners and designers alike. Another of the machine’s unique features is its ability to produce board with a silk matte surface, providing brand owners with the opportunity to make their product really stand out,” says Markku Hämäläinen, CEO of Kotkamills.

The Consumer Boards business will serve two main market areas. The first is for the production of packaging for food, confectionery, pharmaceuticals and cosmetics. The second is for food-compatible boards for disposable cups and plates. All products are based on Nordic fresh forest fibre and offer the unique option of on-machine dispersion coated barriers to replace the non-renewable plastics which are traditionally used.



*The new machine with a production capacity of 400,000 t/a*