

# LIGHTWEIGHT PARTS INNOVATION

Ebco has extended its product portfolio for aircraft seating and cabin components

Ebco specialises in manufacturing components for aircraft seating and cabins, with a strong record for supplying tray tables and armrests to many aircraft manufacturers. The company supports its customers from the initial design phase to series production, and on to spare parts delivery.

Weight reduction and durability are top priorities at Ebco, which has successfully implemented Industry 4.0 through the installation of modern machinery, supported by a document management system and the ANT smart-factory software system.

The company offers complex thermoformed parts with PUR reinforcements, which are naturally flame-proof. As a result, costs and weight are reduced, as thinner foil can be used



without need for expensive and heavy reinforcements. Furthermore these PUR-reinforced parts also have a positive impact on the results of HIC (head injury criterion) tests. In addition, Ebco now offers tray tables and armrests featuring all-aluminium connections to the seat, with all varieties of fastening systems available for use.

Parts produced using 3D sintered laser printer technology enable

functionality to be verified very early in the development phase, and therefore new ideas can be implemented very quickly.

"It is very important for Ebco to provide our customers with everything from a single source, with new innovations, as well as environmentally sound and sustainable materials," says Michael Graf, Ebco's sales manager. "But that works only with a high standard of local customer care, and this is our approach to ensuring a good relationship with customers." ☒

Ebco has implemented Industry 4.0 at its facility in Germany

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