

**Leonhard Kurz at Fakuma:**

## **Surface design and coating technology innovations**

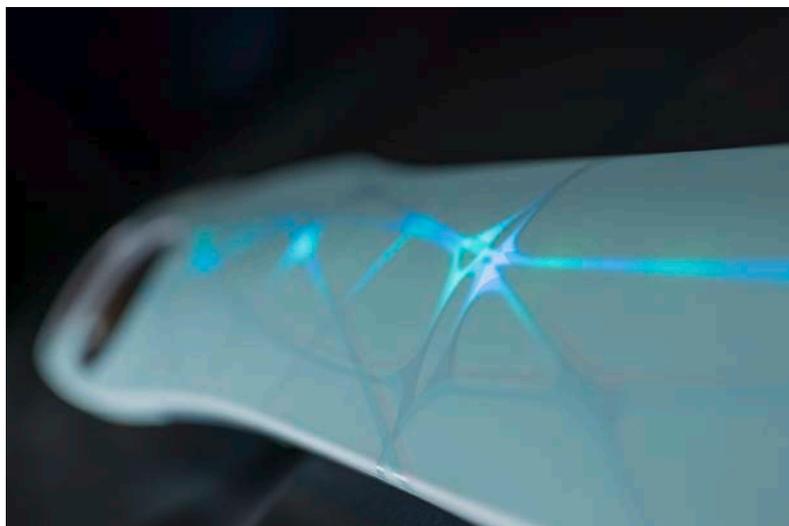
Fürth/Germany, 29 August 2017: Leonhard Kurz will be presenting novel backlit surface designs at Fakuma 2017. Using an automotive door trim as an example, Kurz will demonstrate the use of variable partial backlighting to produce mood-setting day/night designs with color changes, color gradients and changing color intensities. Besides surface finishes, multi-colored designs with a special depth effect will be presented where the three-dimensional effect is especially striking as a result of the backlighting.

New possibilities for combining holographic images with lighting functions will be illustrated with the aid of a futuristic demonstrator in which a 3D looking on/off symbol becomes visible when the backlighting is active. Thanks to this prototype from Kurz, which employs patent pending hologram technology, visitors to the trade fair will be given a glimpse into the future of holographic design effects on control elements and displays.

Most of the backlighting functions presented at the trade fair booth can be sensor driven. The necessary sensor technology is available from the Kurz subsidiary PolyIC, whose PolyTC range of highly-conductive, capacitive sensors have been incorporated into all the trade fair demonstrators. Single-touch, multi-touch as well as contactless gesture control will be shown.

At the Kurz booth A4-4122, there will also be a live demonstration of complex plastic components being chrome finished. Visitors to Fakuma will be able to see in action the latest generation of the Geba 32/SW hot stamping system from Kurz subsidiary Baier. This high-performance machine, which comes with a programmable logic controller, interactive user interface and servo control drive, will be used to chrome finish radiator grilles with demanding geometries.

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Backlit design with depth effect

(Photo: Kurz)

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**About KURZ:** The KURZ Group is a global leader in hot stamping and coating technology. KURZ develops and manufactures decorative and functional layers applied to carrier foils for a large variety of applications. The range includes metallized, pigmented and holographic stamping foils for packaging or print products, surface finishes for electronic devices or automotive parts, protective and decorative lacquers for furniture or household appliances, authenticity features for brand name items, metallic applications for textiles, and different types of coatings for many other applications. With over 5,000 employees in 14 production plants in Europe, Asia and the USA, 24 international subsidiaries and a global network of agencies and sales offices, the KURZ Group manufactures and sells a comprehensive range of products for surface finishing, decoration, marking and counterfeit protection, rounded off by an extensive range of stamping machines and stamping tools. KURZ also continuously invests in new technologies, and is developing innovative solutions for integrating functionality into surfaces.

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