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Pioneering 3D printing technology produces functional, ultra-realistic models

Quadpack's rapid prototyping centre introduces material upgrades, Pantone matching and improved workflows with Stratasys J850 Prime

Quadpack has expanded the 3D modelling capability at its UK-based rapid prototyping centre. Following an upgrade to Stratasys' J850 Prime 3D printer , it is now working with new materials to offer new finishes, textures and Pantone colours. The current setup enables it to produce fully-functional models that look more realistic than ever. Used in the early stages of package design, the 3D models allow better visualisation of pack designs, while accelerating development time and boosting creativity.

Quadpack is an early adopter of Stratasys' industry-leading 3D printing technology, working and innovating in collaboration with Stratasys' local partner Tri-Tech 3D. Among the new capabilities is the use of the new Vero UltraClear material that emulates PET and glass – particularly important in beauty packaging – and VeroVivids to produce full-colour parts with Pantone validation. A beta tester of Keyshot, Quadpack has fully integrated the software into the design team's workflow. With the latest update, several processes are combined into one, cutting hours off a previously time-consuming process and enabling new decoration effects such as silk-screening.

"In the beauty industry, time to market is everything and, with the Stratasys J850, we are able to share realistic-looking concepts with clients early on, to speed up approval. This means we can convert ideas into marketable products far more quickly, which gives us greater added value and an edge over our competitors, as we are one of the only beauty packaging providers with this capability," said Quadpack's 3D printing expert Oliver Drew.

The Stratasys J850 Prime is the world's only full-colour, multi-material 3D printer.

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About Quadpack Industries SA

Quadpack Industries is an international manufacturer and a provider of enhanced packaging solutions for beauty brand owners and contract fillers. With offices and production facilities in Europe, North America, and the Asia Pacific region and a strategic network of manufacturing partners, Quadpack develops bespoke and customised packs for prestige, masstige and mass market customers. For more information, please visit www.quadpack.com.



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