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## PRODUCTS OR MACHINERY

The Xaar 1003 C is Xaar's flagship piezoelectric drop-on-demand printhead, trusted by manufacturers for use in a wide range of applications including glass decoration.

The Xaar 2001+ C is the most versatile family of printheads available for glass decoration offering unrivalled production flexibility, high productivity, market-leading print quality and industrial reliability.

With 720 dpi resolution, the Xaar 2001+ printhead sets a new print quality standard in digital glass decoration, delivering fine details, strong colours and vibrant designs with maximum impact. A wide drop size range combined with up to 8 greyscale levels provides smooth tones and high effective print resolution.

Xaar's High Laydown Technology enables the deposition of large quantities of fluid, even in a single pass, increasing the speed at which the ink can be applied to the substrate. At 25 m/min, the Xaar 2001+ GS12 C in High Laydown mode can deliver up to 170 g/m<sup>2</sup>, over three times more fluid than in standard mode. Other benefits of High Laydown Technology include producing a high opacity finish, creating tactile embellishments and jetting high viscosity fluids.

## COMPANY BACKGROUND / HISTORY

In 1990, Xaar was formed in Cambridge, UK to acquire, develop and commercially exploit a new digital inkjet printing technology arising out of work done by Cambridge Consultants Ltd. Xaar is the world's leading independent manufacturer of piezo-based drop-on-demand inkjet technologies.

Our printheads are trusted in industrial markets around the globe as the most effective way to lay down precise volumes of inks and fluids with absolute pin-point accuracy time after time. Our technology is used in a wide range of manufacturing applications, including graphics, labelling, direct-to-shape, packaging, product decoration, ceramic tile and glass decoration, décor, and outer case coding – as well as printing with specialist functional fluids for advanced manufacturing techniques. Xaar's industrial inkjet technology has transformed a number of industries; in other sectors the pace of conversion to digital is starting to accelerate.

Company Profile of **Xaar plc**

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