



NEW XAAR 2001+ TWO COLOUR PRINTHEAD DELIVERS ULTIMATE DESIGN VERSATILITY, PRODUCTION FLEXIBILITY AND INDUSTRIAL RELIABILITY FOR TILE MANUFACTURERS

New Xaar 2001+ two colour printhead delivers ultimate design versatility, production flexibility and industrial reliability for tile manufacturers

Cambridge: 13th September 2016 – Xaar plc, the leader in industrial inkjet technology, is delighted to announce the launch of the new Xaar 2001+ family of printheads. With this new printhead family tile manufacturers can easily implement new designs to respond to changing fashions and tastes, efficiently manage production changes from one day to the next and benefit from the longest maintenance-free production runs in the industry.

The Xaar 2001+ family of printheads ensures ultimate design versatility for tile manufacturers. The printhead jets one colour at 720 dpi or two colours at 360 dpi each, is available in three drop sizes and has 2000 nozzles which deliver high productivity with a broad range of oil-based inks. This means manufacturers can select the printhead combination that meets their exact needs and they can also adjust the ink configuration over time to respond easily to changing design trends. Choose the Xaar 2001+ GS6C printhead for fine details, the Xaar 2001+ GS12C to balance detail and laydown for a wide range of tile designs and the Xaar 2001+ GS40C to achieve the highest laydown for special effects.

Production flexibility is possible with the Xaar 2001+ because the printhead delivers a combination of high print quality, fast line speed or high ink laydown. Therefore, tile manufacturers can manage a wide range of production requirements very efficiently adjusting from one day to the next as needed. The Xaar 2001+ family prints up to 720 dpi with 8 grey levels delivering market-leading print quality. Line speeds of up to 50 m/min (ink laydown up to 39 g/m² for the Xaar 2001+ GS40C) enable high production throughput; and high ink laydown (up to 78 g/m² at 25 m/min for the Xaar 2001+ GS40C) is also possible for producing tile designs with intense effects.

Tile manufacturers choosing the Xaar 2001+ family of printheads will also benefit from industrial reliability courtesy of multiple technologies only available in Xaar printheads. Xaar's leading **TF Technology**[®] ink recirculation and **XaarGuard**[™] nozzle plate technologies ensure the longest maintenance-free production runs in the industry, typically once per shift or less. Plus, new **XaarSMART**[™] technology reports ink temperature and printhead status so that printer performance can be optimised in



real time, providing consistent print quality throughout the production run even as factory conditions change.

For those who do not need dual colour printing, the Xaar 2001 GS12C is also being launched, offering the same high print quality and high productivity of the Xaar 2001+ by jetting one colour at a resolution of up to 720 dpi.

“We’re delighted to be announcing the Xaar 2001 and Xaar 2001+, our latest developments for the ceramics tile industry”, says Gillian Ewers, Director of Marketing at Xaar. “As market leaders, it is important that we continue to innovate so that tile manufacturers themselves can improve production processes, be more cost effective and develop their design creativity, ultimately to serve their own customers better and more efficiently. Anyone looking for more information should come and see us at stand 11 in Hall D1 at this year’s Tecnargilla show”.

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EDITOR’S NOTE

Image: Click on image to download high resolution jpeg or request from debbie@splashpr.co.uk

Caption: The Xaar 2001 printhead

About Xaar

Xaar is a world-leader in the development of inkjet technology and manufacture of piezoelectric drop-on-demand industrial printheads. The company also develops and sells ink systems, electronics and fluid optimisation services to accelerate inkjet system development and adoption. Xaar printheads incorporate patented technology which delivers unbeatable performance when decorating, patterning, depositing functional coatings on, or adding structure to, a variety of industrial and consumer products. Today leading manufacturers worldwide, in sectors ranging from ceramics, wide-format graphics and labels to direct-to-shape packaging and decorative laminates, choose Xaar’s printheads because they are extremely precise, exceptionally versatile, incredibly reliable, and designed for high-volume production. Additional information about Xaar is available at www.xaar.com

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