

PRESS RELEASE

Letchworth, UK, Saturday 22th May 2010

XENNIA PIONEERS USE OF COMPOSITE MATERIALS TO TAKE INKJET SYSTEMS TO NEW LEVELS OF PERFORMANCE

Xennia, the world's leading industrial inkjet solutions provider, is demonstrating the concept of using advanced composite materials in the latest design of inkjet printing systems on its stand at IPEX in Birmingham (UK).

"We are using IPEX to show the promise of composite materials for the design and manufacture of inkjet printing systems", said Dr Alan Hudd, Xennia's Managing Director. "The use of composites as structural elements of our inkjet modules will lead to large benefits to our customers in the future. Our composite module concept will lead to much lower build and operating costs for inkjet systems: the lighter modules enable lower cost motion components to be used and lead to a significant reduction in energy consumption. This initiative is an important part of our strategy of introducing technology to help industry transform their inkjet ideas into production reality, increasing productivity, efficiency and reliability, while lowering costs and carbon footprint."

"Composite materials promise significant performance improvements for inkjet printing systems," commented Dr James Fox, Xennia's Chief Technologist. "We are working with a subsidiary of our parent company, TenCate Advanced Composites (a world leading composite materials supplier for high end space and aerospace applications) to introduce Formula 1 technology with the same discipline of structural strength combined with lightness that is the motorsport mantra. Application of this technology to inkjet printing systems promises similar benefits, with structural rigidity, mechanical stability over a wide temperature range and lightness. This leads to much enhanced printing performance, with improved printing accuracy and consistency from a higher degree of droplet control, combined with reduced energy consumption."

Xennia's stand at IPEX includes a concept display of its XenJet inkjet modules including the use of advanced composite materials as structural elements, introducing much improved stiffness and reduced weight into pivotal components of the printing system.

Xennia's products are displayed at its stand at IPEX, located at Hall 9, Stand D300.

Editors Notes:

For further details on Xennia and the products it will be showcasing at IPEX, please contact:

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Accompanying images of the XenJet Auriga print engine incorporating composite structural elements, are on request available via: media@tencate.com



Xennia Technology Ltd is a major driving force in the world of inkjet printing, with over 14 years in the industrial inkjet industry. As the world's leading industrial inkjet solutions provider, Xennia revolutionises manufacturing processes by implementing reliable inkjet solutions for applications like textiles, ceramics, packaging, product decoration, bio/healthcare and printed electronics. Xennia solutions comprise inkjet modules, systems and inks, backed up by development and support capabilities. Xennia's headquarters, R&D and manufacturing operations are located in Letchworth, UK, with regional sales offices in the USA and China. Xennia is proud to be awarded the 2010 Queen's Award for Enterprise. For more information about Xennia, please visit www.xennia.com.

Xennia is part of TenCate, the specialist materials company, headquartered in the Netherlands, which combines textile technology with related chemical processes and material technology in the development and production of functional materials with distinctive characteristics. TenCate is a global company with revenue of circa €1 billion, listed on the NYSE Euronext (AMX). For more information about TenCate, please visit www.tencate.com.

TenCate Advanced Composites is a leading developer and producer of thermoset and thermoplastic prepreg composites for space and aerospace and industrial applications. Prepregs of are used in commercial aircraft, satellites, helicopters, general aviation, aircraft interiors, radomes and unmanned vehicles. TenCate Advanced Composites has plants in Europe and North-America.