

Agfa's Approach of Industrial Inkjet Printing Systems

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Abstract

Large Format inkjet applications are still evolving in a fast way, started years ago from "high end" aggressive solvent systems, UV-curable ink systems now more and more impact the business.

Development of all system components by one and the same manufacturer enables the highest possible flexibility towards these evolving market needs: simultaneous control on print head and ink manufacturing, mechanical assembly and high imaging and colour expertise, all in one hand, is indispensable for successful system integrations.

The UPH head is the key element in the new generation of AGFA's industrial inkjet printers. Its

ability to print greyscale images up to 16 levels with a minimum drop volume of 3 pL and its capability to print at high firing frequencies with aqueous, solvent and UV-inks enable high productivity coupled with outstanding output quality in a variety of applications.

Biography

Erik Dutoit got a Ph. D. in Physical Chemistry at the RUG (Gent, Belgium). In 1978 he joined Agfa-Gevaert N.V., Belgium, where he started as a R&D project manager graphic pre-press materials. Since 1988 he was application manager for analog color proofing systems. Currently he is product manager for wide format inkjet systems.