

Durst Water Technology

Durst's continuous development of digital inkjet technologies has replaced the traditional screen- and offset print processes in many segments. It has led to more efficient print- and production processes and has lowered the environmental impact for human health and the environment. UV-print has emerged as the preferred choice for many users, because it provides perfect results on most substrates. Media flexibility has become a character trademark of Durst Printer Systems and has allowed the users to expand their product portfolio. Even UV-printing has its limits though. Despite the fact, that Durst UV-inks are free of solvents and compared to other manufacturers with far less odor development, new directives such as REACH and the implementation of positive lists for the restriction of chemicals create a need for 'green' solutions – especially, if large-format printing is to tap its full market potential for the interior segment, the packaging industry and POS.

With its 'Durst Water Technology', Durst is pursuing a long-term strategy to develop non-toxic, as well as odor- and migration-free printer systems. Durst has already provided ground-breaking progress for the large-format segment with the introduction of industrial soft-signage printers and has advanced the application of textiles as an advertisement- and information media. The polyester-based products are printed with eco-friendly, water-based dye-inks, which are odorless and the favored POS large-format alternative.

The latest innovation by Durst reaches a new level, as it extends the sustainability potential to include classical large-format applications. Durst's two years of research have resulted in a water-based ink, that presents a more eco-compatible alternative to any UV-curing ink.

The Rho WT, a new machine category with a modified printhead-technology, was designed especially for this new ink system. The aim was to optimize the interaction of substrate, ink and printhead, so that Durst can provide its renowned print quality on a large number of materials.

The 'Durst Water Technology' provides Durst with a unique selling point in the market and makes it the innovation leader in the digital large-format segment.

About Durst Phototechnik AG

Durst is the world's leading provider of digital inkjet print solutions for industrial applications. High performance, print quality, reliability and flexible capabilities are the cross-sectoral unique selling points of Durst Inkjet Technology. Durst's innovative drive is pivotal in the digitalization of production processes for many industries, as it ensures competitive benefits and profitability for the user.

For further information about Durst Phototechnik AG, please visit: www.durst-online.com.

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