



MORE THAN MACHINES

Air humidification in the printing industry

With the Print Media Center (PMC) Commercial and Packaging, Heidelberg Druckmaschinen AG in Wiesloch-Walldorf operates the world's largest showroom for commercial and packaging printing. "More than machines" is the claim asserted for the two fully equipped print shops, spread over an area of about 10,000 square metres, where the primary focus is on the integrated overall processes and the required components.

Just how important optimum humidity is for performance and a trouble-free printing process has again been proved by the DRAABE humidification system since 2015.



Print Media Center Commercial at Wiesloch-Walldorf

Air humidification practice

 **condair**
systems

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AIR HUMIDIFICATION IN THE PRINTING INDUSTRY

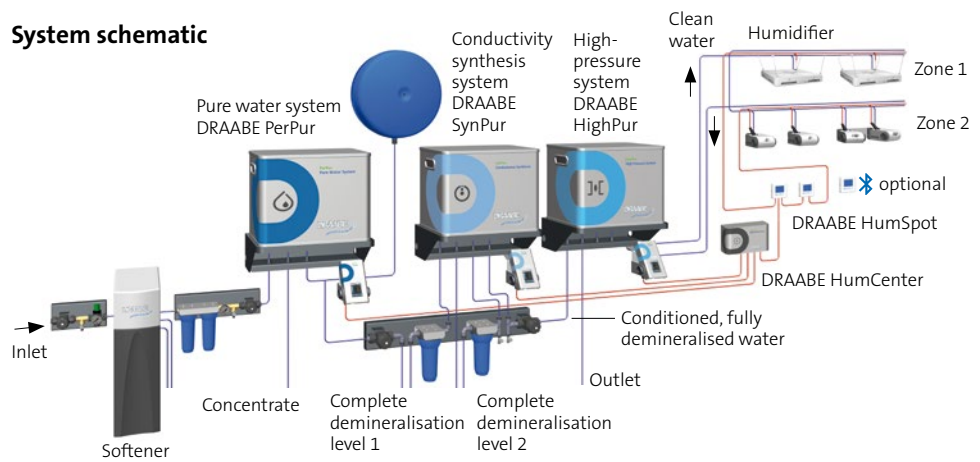
Relaxed printing

Since all the way back in 1996, more than 200 DRAABE high-pressure nozzle humidifiers have been in use at the Heidelberg production facilities, guaranteeing the ideal conditions for printing and testing after final assembly. At PMC Commercial, the latest generation of humidifier, the DRAABE TurboFogNeo system, is now also guaranteeing the ideal climate for individual customer demonstrations. "Our presentations have to be trouble-free at any time: tight or wavy edges, curling or electrostatic charging of the paper should not happen," explains Roland Krapp, Head of the Print Media Center.

For man and machine

The water used for humidification is sterilised and demineralised by a multi-stage DRAABE water treatment system to prevent risks to health and operational safety. Maintenance and cleaning are carried out automatically every six months: the used DRAABE Pur containers are simply replaced with purified systems, with no need for building services to worry about maintenance. This full-service approach and the current VDI certification were decisive in again choosing the DRAABE system. Roland Krapp is very pleased with this decision: "Our DRAABE humidification reliably creates the right conditions for top performance from man and machine".

System schematic

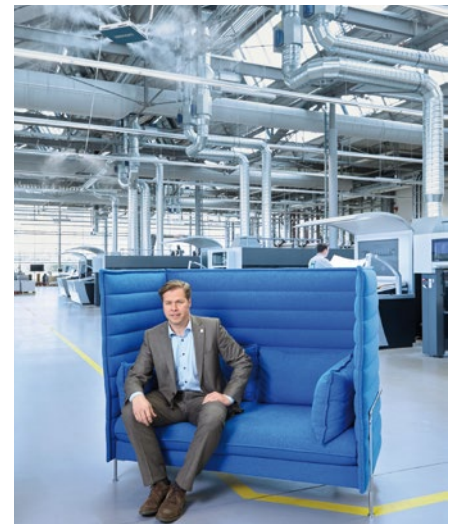


Facts and figures

Humidification:	13 humidifiers type DRAABE TurboFogNeo 8 16 humidifiers type DRAABE TurboFogNeo 2 7 humidifiers type DRAABE TurboFogNeo 1
Pure water/high-pressure system:	2 pure water systems DRAABE PerPur 200 2 high-pressure systems DRAABE HighPur 200 2 conductance synthesis systems DRAABE SynPur 400
Area:	Approx. 4,700 m ²
Humidity requirement:	45% relative humidity
Installation:	Spring 2015



DRAABE TurboFogNeo 8: economical and hygienic



When it comes to humidification, Head of the Print Media Center Roland Krapp can relax

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