



Dyna[®] Col

CUSTOMER

L.N. Schaffrath GmbH & Co. KG
DruckMedien - Germany



PRINTING SOLUTION

KBA, C16 + C48

PRODUCT

Dyna Col AC330LC

OBJECTIVES

- Optimal productivity of the press
- Good ink / water balance
- Considerable reduction of paper and ink piling

RESULTS

- Less Wash Ups
- Very good print quality and productivity

L.N. Schaffrath GmbH & Co. KG DruckMedien swears by the fountain Dyna Col AC330LC from PCO Europe B.V.



A fountain solution carefully chosen for the press and the printing jobs is the prerequisite for high-quality printing. This makes the work for the press operators easier, the result is a satisfied customer that receives a high quality printed product. The choice of the right fountain solution plays a key role in heatset web offset printing.

The cheapest solution can lead to unintended effects and, in the end, causes higher costs rather than savings. A disturbed ink / water balance can be the reason of more press down time, which implies extra work or issues, the result is a higher production cost. It's important to focus on quality, choosing a valid fountain solution.

Schaffrath GmbH & Co. KG DruckMedien was therefore looking for a way to maximize the productivity of the most recently installed printing presses, a 48-page C48 and a 16-page C16 from KBA, while at the same time maintaining the highest print quality.

The C48 and C16 systems are the latest generation of rotary presses in terms of automation, workflow, operator ergonomics and frequency of maintenance. Their automatic plate change in approximately two minutes and the fully automatic folder changeover contributes to their enormous net production performance. The automated RollerTronic roller lock, supports high print quality and ease of maintenance.

The use of the fountain solution Dyna Col AC330LC from PCO Europe B.V. gives the additional necessary support.

Schaffrath DruckMedien, a traditional family-owned company founded in 1743, based in Geldern, Germany, produces media in a state-of-the-art technology park, both in sheetfed offset and in web offset printing. It specializes in complete solutions for magazine publishers and develops customized services on the basis of individual overall concepts. The employees are engaged with expertise



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Our two heatset printing presses, the C16 and C 48, have been producing with the Dyna Col AC330LC from PCO Europe B.V.. Despite the variety of papers that are processed every day, we can work optimally on both presses with one fountain. Even with small print jobs and associated frequent machine start-ups, this is fast and optimal in color. In the case of large print runs, we enjoy the advantage of very long wash intervals, as the build-up on the blankets is minimal. All in all, we can say to have with Dyna Col AC330LC the best fountain solution for our production.

*Martin Sellmann, Technical Director,
L.N. Schaffrath GmbH & Co. KG DruckMedien*



and passion for perfect printed products such as trade publications, magazines or catalogues. From data entry to highly complex distribution via multiple channels and targeted delivery, such as by selective encapsulation, Schaffrath DruckMedien offers individual and accurate solutions for every requirement. In a publishing hub, customers and interested partners are welcome to get advice, since it is the place created for the practical development of media products driven by innovation to meet the highest printing, economic and environment requirements.

Dyna Col AC330LC from PCO Europe - The fountain solution for best machine performance

With Dyna Col AC330LC, PCO Europe B.V. supplies in every respect a premium high-end fountain solution.

Dyna Col AC330LC is formulated with **Low Calcium** technology, working very sensitively against all materials such as paper and ink. The effect of this is no triggering of hardness forming agents and thus no calcium deposits on blankets and rollers. In addition, the dampening solution circuit remains free from contamination of paper and ink. A 3% economical standard dosage ensures high-quality IPA-free printing.

Dyna Col AC330LC is tested and approved by the printing press manufacturers and has an ISEGA certificate, for indirect contact with food. As the VOC content is <1%, Dyna Col AC330LC is excellent for the Blue Angel 2016 Certification.

Dyna Col AC330LC can be used in three versions (soft, medium and hard) depending on the water hardness. Ideal combination with Dyna Water Conditioner 620 from PCO Europe B.V., also having an ISEGA certificate.



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