

# Print process control

Optimum use of all the available monitoring and control systems is imperative if constantly high quality is to be guaranteed. That is especially true for the highly complex print process. In this seminar, we demonstrate important system capabilities and explain the opportunities to be derived from use of our process monitoring and control technologies.

## **Description**

When you are required to satisfy ever greater demands in respect of production quality and speed, it is no longer sufficient to provide for the necessary qualification of all contributors to the process. The full use of all available monitoring and control tools is similarly decisive. In this way, it is possible to safeguard the end-to-end integrity of the production process, from receipt of the print data through to shipping of the finished product.

This seminar for printing company managers highlights not only the possible equipment features of a Rapida press, but also requirements of the offset printing process and the possibilities to monitor and control this process on the press.

## **Objectives**

The participants acquire comprehensive knowledge of the print production process and understand the correlations between various equipment options for a Rapida press and the attainable print performance.

## **Prerequisites**

This seminar is aimed at printing company managers who wish to optimise control of their print production processes and draw maximum benefit from the available options.

# Some of the topics covered

## Press technologies

- Equipment features of the Rapida series
- Quality control
- Integration into the customer network
- Influencing factors in the print process, sheet weights and further impacts of substrate properties, factors influencing production speed, analysis of disturbances in the print process and errors in the printed image
- Press makeready, explanation of the individual process steps, coating and drying, automated processes, press maintenance and cleaning
- Working with the console

## Measuring systems

- Fundamentals of density measurement, Lab measures and register correction
- Technical features of Koenig & Bauer measuring systems, overview of options
- Measurement reports from production, analysis of process- and press-related events

## Networked print production

- Integration of Rapida presses into a customer workflow
- ERP solutions and their benefits in daily use
- Rapida printing presses as a constant source of data
- Use of digital information for preventive maintenance and benchmarking comparisons

## Training methods

- Face-to-face training with comprehensive training documents which can also be made available in digital form at the end of the training upon request.
- Practical explanation and hands-on experience at Rapida presses.
- Direct presentation without translation in German or English. Further languages subject to prior agreement.

## Important notes

- 2.5-day seminar
- Minimum participants: 2
- Daily seminar times are from 8:30 a.m. to 4:00 p.m. (deviation possible on the days of arrival and departure).
- The seminar costs include refreshments during the seminar, lunch in our staff canteen and transfers to/from Dresden Airport or Dresden railway station.
- Upon request and depending on the selected hotel, a free shuttle can also be organised for the daily transfer to/from the campus.
- The order in which topics are discussed may vary.
- We ask all seminar participants to bring safety shoes when attending training.

## Contact for appointments

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