

Inline finishing with Rapida technology

Eye-catching packaging designs are an important means to attract consumer attention. But inline finishing is also being used increasingly for other print products. This seminar examines above all coating and cold foil applications, as an introduction for all those who are considering an investment in the relevant technologies.

Description

Modern UV technologies embrace a very wide range of applications in inline and online finishing, characterised not least by the broad spectrum of substrates used. The sealing and high-gloss functionalities of UV inks and coatings enable a diversity of effects to be realised.

UV printing in combination with cold foil application further extends the range of attainable finishing effects. Especially in the packaging sector, but also in many commercial fields, the potential to combine the high-gloss properties of a foil with matt/gloss effects achieved with inks and coatings is highly appreciated by customers.

We provide a comprehensive overview of the different applications and combinations of inks and coatings in inline finishing, and explain the press configurations required in each case. In addition, we introduce you to the possibilities of cold foil application, and discuss not only the suitable inks, coatings, foils and substrate properties, but also necessary process consumables and further aspects of particular importance in inline finishing.

Objectives

The participants acquire not only a fundamental technical understanding of process control in UV printing, along with comprehensive information on the technologies offered by Koenig & Bauer, but also important knowledge relating to the special demands of UV printing. With the know-how gained during the seminar, they can analyse print samples from the perspective of finishing requirements and can identify the steps necessary for their production.

Prerequisites

This seminar is aimed at administrative and technical managers who wish to learn more about the possibilities of a UV process – maybe before signing of a contract or ahead of press installation in their printing company.

Some of the topics covered

UV technologies

- Job data preparation, data handling, administration of paper and measuring system standards
- Inks, coatings and other consumables recommended by Koenig & Bauer
- Application of different coating effects, matt and high-gloss coatings, combination of different coating types (hybrid effects)
- Typical inline finishing effects and the correspondingly necessary press configurations

Measuring systems

- Fundamentals of density measurement, Lab measurements and register corrections
- Technical features of Koenig & Bauer measuring systems
- Available options
- Reporting functions for the documentation of quality standards
- Printing standards, measuring and control concepts of PSO and System Brunner
- Control strategies, creation and supervision of company standards

Cold foil application

- Makeready and printing of 2 different jobs with different film and coating combinations
- Possibilities and limitations of the cold foil technology

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.
- Workshop including practical hands-on experience at Rapida presses.
- Direct presentation without translation in German or English. Further languages subject to prior agreement.

Important notes

- 2-day seminar
- Minimum participants: 2
- Daily seminar times are from 8:30 a.m. to 4:00 p.m.
- 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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