

Driving force of knowledge in flexible packaging

A four-day course at Comexi Ctec facilities.

AIMS

Be confident with the press operation by being exposed to the hands-on experience in our premises with a problem solving focus (troubleshooting). Improve the efficiency of the press and optimize the performance. Interaction with other printers by sharing professional experiences.

ATTENDANTS

Press operators and professionals responsible for the printing process who would like to understand, learn, become skilled and gain insights in flexography.

Language: English

ENROLMENT

Limited seats. Program fee: 2.300 Euro(*)

Payment of the full amount is due prior to the start of the program.

For registration please send an email to Mrs.Peggy van

Vlijmen: peggy.vanvlijmen@comexi.com

(*) Fee includes Hotel accommodation from Monday to Friday (Friday night not included), local transports, class materials, lunch and dinner each day.

Advanced Flexographic Printing



27-30 November 2018

**Do you want to improve your flexo printing productivity?
Do you want to improve your flexo printing quality?**

Advanced Flexographic Printing Program

Tuesday 27

- 09:00 - 09:15** Welcome and course presentation
- 09:15 - 10:00** Comexi facilities tour
- 10:00 - 13:00** Machine key elements: mechanical and electronics
- Machine key elements
 - Transmission system
 - Tension control
 - Automatic adjustment systems
 - Peripherals printing machines
- 13:00 - 14:30** LUNCH
- 14:30 - 16:00** Workshop practicum. Reviewing key elements
- 16:00 - 17:30** Anilox, plate cylinder sleeves and adhesives

Wednesday 28

- 09:00 - 11:00** Ink transfer and inking system
- Ink transfer systems.
 - Automatic viscosity control
 - Temperature control
 - Closed chamber
 - Pressure regulation system
 - Optimal work conditions for closed chamber. Blade types
 - The already present closed chamber of the future Pumps
- 11:00 - 13:30** Inks: Solvent base and water base
- Formulation base. Components of Flexographic ink
 - Characteristics. Influence of components
 - Control parameters
 - Solvent inks. Trends
 - Packaging and contact with food
 - Practical comments: how to use water-based inks

- 13:30 - 15:00** LUNCH
- 15:00 - 16:00** Practical exercise: Optimal work conditions for closed chamber and checking inking equipment.
- 16:00 - 17:00** Materials for flexible packaging

Thursday 29

- 09:00 - 11:00** Prepress
- New Flexo prepress technologies
 - High definition Flexo solutions
 - New screen plate systems
 - Converting Rotogravure jobs to Flexo.
 - Non-stop printing solutions.
 - Extended colour gamut (ECG)
- 11:00 - 13:00** Technical process development: color management
- Determining key parameters of the printing process
 - Color management
 - Standardization test process (fingerprint)
 - Calibration and characterization of devices
- 13:00 - 14:30** LUNCH
- 14:30 - 16:00** Workshop practicum. Color management.
- 16:00 - 17:00** Treatment a job originally done in rotogravure to be printed in flexo

Friday 30

- 09:00 - 11:00** Productivity strategy
- 11:00 - 11:45** Quick changeover
- Demonstration. Planning changes
- 11:45 - 13:00** Flexo printing troubleshooting
- 13:00 - 14:30** LUNCH
- 14:30 - 16:00** Flexo printing troubleshooting
- 16:00 - 16:45** Round table. Queries and questions from attendees
- 16:45 - 17:00** CLOSING
- Course evaluation and certificates of attendance