

Driving force of knowledge in flexible packaging

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

From 25th to 28th April 2017

TECHNOLOGICAL CENTER MANEL XIFRA BOADA

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@comexigroup.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



**25th to 28th
April 2017**

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

Advanced Flexographic Printing Program

Tuesday 25th

- 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 26th

- 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 27th

- 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 28th

- 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