

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



11 - 14 June 2019

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

Advanced Flexographic Printing Program

Tuesday 11

09:00 - 09:15 Welcome and course presentation

09:15 - 10:00 Comexi facilities tour

10:00 - 10:15 Coffee break

10:15 - 13:15 Machine key elements: mechanical and electronics

Central drum

Positioning system

Drying system

Inking system

13:00 - 14:30 LUNCH

14:30 - 17:00 Workshop practicum. Reviewing key elements

Central drum, positioning system, tension control, drying system.
Optimal work conditions for closed chamber and inking system overview.

Wednesday 12

09:00 - 11:00 Anilox, plate cylinder sleeves and adhesives

Plate cylinder sleeves: types and characteristics. Plate mounting tapes: tape selection.

Anilox: types, characteristics and selection. Trends.

10:00 - 10:15 Coffee break

11:15 - 13:15 Inks: Solvent base and water base

Components of flexographic inks. Characteristics.
Solvent based inks. Water based inks. EB inks. Control parameters. Inks for food packaging. Trends.

13:15 - 14:30 LUNCH

14:30 - 15:30 Materials for flexible packaging

15:30 - 17:00 Workshop practicum. Color adjustment and colorimetry.

Thursday 13

09:00 - 11:00 Prepress

Screen types. Dot gain. Screen angles: Moire effect.
RIP. Plate making systems. New screen plate systems
Dot gain curves. New Flexo prepress technologies
High definition Flexo solutions.

11:00 - 11:15 Coffee break

11:00 - 13:00 Technical process development: color management

Characterization process; CMYK and CMYK+OGV (ECG)
Quality control
Colour proofing systems reliability

13:00 - 14:30 LUNCH

14:30 - 15:30 Prepress practical session.

Treatment of a job originally done in rotogravure to be printed in flexo

15:30 - 17:00 Color management practical session.

Benchmark test analysis. Fingerprint test analysis. Creation of a colour profile. Quality control.

Friday 14

09:00 - 11:00 Flexo printing troubleshooting

Ghost effect, back trapping, bouncing and barring marks

11:00 - 11:15 Coffee break

11:15 - 13:15 Strategy focused to productivity

Production cycle
Mechanical changeover
Colour management
Printing speed

13:00 - 14:30 LUNCH

14:30 - 16:30 Practical session: Quick changeover.

Demonstration. Changeover planification.

16:30 - 16:45 Round table. Queries and questions from attendees

16:45 - 17:00 Closing. Certificates of participation.