

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

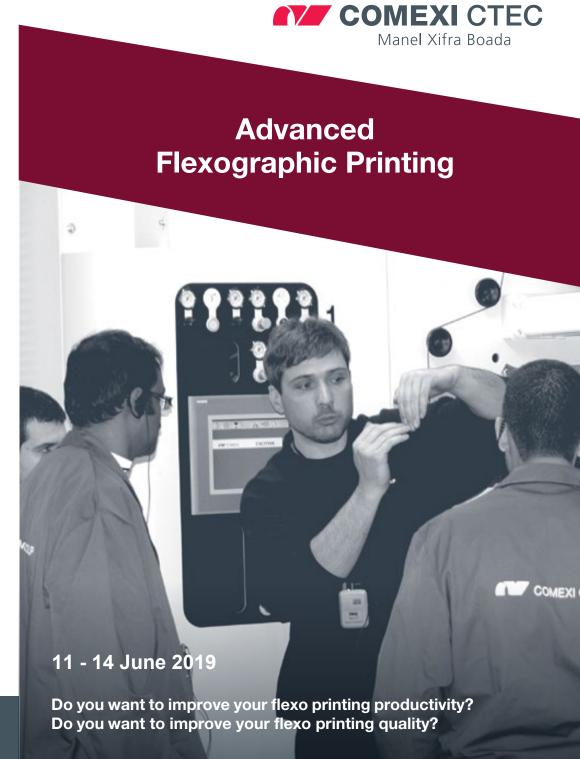
Limited seats. Program fee: 2.300 Euro(*)

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 PrintingProgram

09:00 - 09:15 Welcome and course presentation

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

09:15 - 10:00 Comexi facilities tour

Central drum
Positioning system

10:00 - 10:15 Coffee break

Tuesday 11

13:00 - 14:30 14:30 - 17:00	Drying system Inking system LUNCH 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.	
	LUNCH Materials for flexible packaging Workshop practicum. Color adjustment and colorimetry.	

Thursday 13

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 11:00 - 13:00	Coffee break 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	Ghost effect, back trapping, bouncing and barring marks
	Coffee break
11:15 - 13:15	Strategy focused to productivity
	Production cicle
	Mechanical changeover
	Colour management Printing speed
13:00 - 14:30	• .
	Practical session: Quick changeover.
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Demonstration. Changeover plannification.

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

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