

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

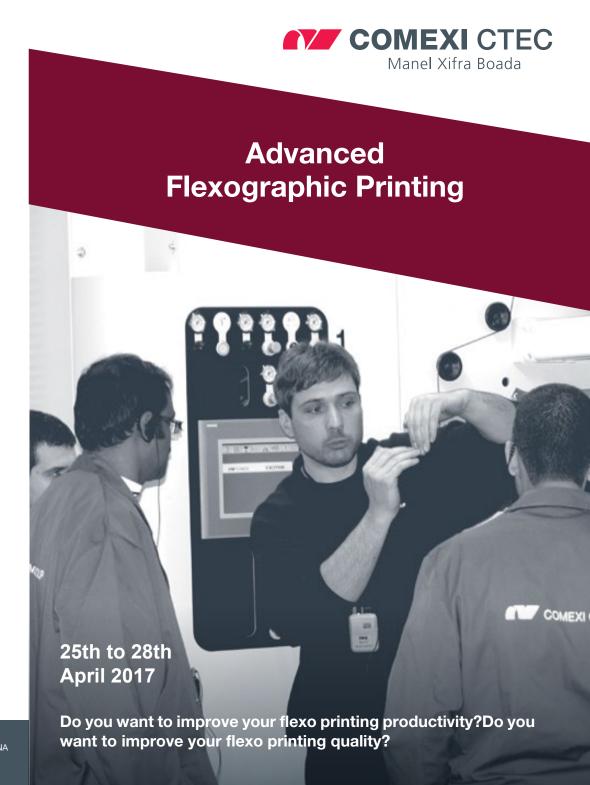
Program fee: 2.300 Euro(*)

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.



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Advanced Flexographic Printing Program

Tuesday 25th

09:15 - 10:00	Welcome and course presentation Comexi facilities tour Machine key elements: mechanical and electronics Machine key elements Transmission system
	Tension control
	Automatic adjustment systems
	Peripherals printing machines
13:00 - 14:30	LUNCH
	Workshop practicum. Reviewing key elements
16:00 - 17:30	Anilox, plate cylinder sleeves and adhesives
Wednesda	ay 26 th
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
44.00 40.00	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 Stardardization 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