

Laser technology integrated in slitting process

The innovative laser die cutting system gives to the market an additional benefit of making life easier for the packaging end users with solutions as micro-perforation, alphanumeric codes, windows and easy open.

This 3-day course will review in dept these procedures and the optimization of the slitting machine for an efficient production.

| Key benefits:

- ✓ To Know in dept the laser die-cutting solutions and its procedures
- ✓ Optimization of the slitting process
- ✓ Efficiency in production of laser die-cutting
- ✓ Reduction of the defects controlling the variables and improving quality control
- ✓ Share professional experiences and interaction with other responsible for the process.

| Addressed to:

Slitting operators and production managers.



**15th to 17th
May 2024**

From 9 a.m.
till 17 p.m.
28 training hours



Accredited course
by Fundació
Universitat de
Girona



English
language

Presential
training

/// Wednesday 15

- 09:00 - 10:00 Welcome and visit to the Comexi facilities, presentation of the program.
- 10:00 - 11.30 Key elements of the slitting machine and the process
- 11:30 - 11:45 Coffee break
- 11:45 - 13:00 Main elements of the Cingular Laser and functions
- 13:00 - 14:00 Lunch
- 14:00 - 15:00 Cingular Laser control panels:
Cingular Laser machine control screens.
Software application options
Lens selection according to the job.
- 15:00 - 17:00 Laser adjustment parameters depending on the application
Micro perforation
Macro perforation
Easy open longitudinal and transversal
Shapes (dxf files)
Alphanumeric code
Work at register and adjust
Work by repetition.

/// Thursday 16

- 09:00 - 11:00 Practice 1: Adjustment of parameters in laser machine depending on materials and designs
Micro perforation (repetition / registration)
Perforated macro (repetition / registration)
- 11:00 - 11:15 Coffee break
- 11:15 - 13:00 Practice 2: Adjustment of parameters in laser machine depending on materials and designs
Easy open longitudinal with and without lent diffraction
Easy open transversal (repetition / registration)
- 13:00 - 14:00 Lunch
- 14:00 - 17:00 Practice 3: Adjustment of parameters in laser machine based on materials and designs
Forms (dxf files, order, address, registration)
Alphanumeric code. Machine adjustment. Adjustment of screens. Laser adjustment.

/// Friday 17

- 09:00 - 11:00 Troubleshooting in slitting and laser and quality control
- 11:00 - 11:15 Coffee break
- 11:15 - 13:00 Maintenance of the Cingular Laser and slitting machine
- 13:00 - 14:00 Lunch
- 14:00 - 14:30 Closure

Registration |

Registration fee: **1.300 Euro***
Limited seats.

* Price includes accommodation, local transport, teaching material, lunch, and dinner each day. Only for the course days.

Full payment must be made before the workshop starts, by bank transfer or VISA. Once the registration will be done, we will send you the information for the payment.

At the end of the course, the student will obtain a diploma accredited as a specialization course of the Fundació Universitat de Girona.

To confirm attendance, please, [register here](#).



COMEXI CTEC
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The information in this brochure is subject to modifications.

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