

Practical maintenance course


Flexographic printing press machines, and additionally laminating and slitting machines maintenance.


"The basis for efficient production is an optimum machine maintenance. If there's no maintenance, there's no production."

 15th to 18th February at Comexi Ctec
Polígon Industrial de Girona. Avinguda Mas Pins,
135. E-17457 Riudellots de la Selva. Girona. Spain

 English language

Addressed to: Trained or Experienced Operators, Heads of Maintenance and Section Heads.

 To confirm attendance, please,
register here.

 Fee: **2.450 Euro (*)**.
Full payment must be made
before the workshop starts.
Limited seats.

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



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Program

Tuesday 15

09:00 - 09:15	Course presentation.
09:15 - 10:00	Comexi facilities tour.
10:00 - 10:30	Maintenance management: recommendations and implementation (T)
10:30 - 10:45	Coffee Break
10:45 - 13:00	Key elements of the flexo machine: mechanical and electrical. (T)
13:00 - 14:30	Lunch
14:30 - 15:45	Tension control, dancer roller adjustments and load cells. (P)
15:45 - 17:30	Central drum: cooling liquid, pressure maintenance. Printer unit positioning, “O” rest position and “offset” printing. (P)

Wednesday 16

09:00 - 10:00	Inking system. (T)
10:00 - 11:00	Preparing, levelling and adjusting blades. (P)
11:00 - 11:15	Coffee Break
11:15 - 12:00	Pump maintenance. (T)
12:00 - 13:15	Pump maintenance. (P)
13:15 - 14:30	Lunch
14:30 - 15:30	Drying system. (T)
15:30 - 17:30	Drying system: boxes and tunnel. Filter revision. Air compensation adjustment. LEL Calibration. (P)

Thursday 17

09:00 - 10:00	Electronic Engineering. (T)
10:00 - 10:15	Coffee Break
10:15 - 11:45	Interpreting electrical hook-up diagrams and identifying components. Machine communication. (P)
11:45 - 13:30	Key elements: greasing points and belt tension. PC coupling adjustment, replacing PC core registration pins, changing guide, roller bearings. (P)
13:15 - 14:30	Lunch.
14:30 - 17:30	Main maintenance and adjustment factors in: Unwinder and Rewinder. (P)

Friday 18

LAMINATING MACHINE

- 09:00 - 09:30 Main laminating machine maintenance factors: Mechanical and Electrical. (T)
- 09:30 - 10:30 Interpreting electrical hook-up diagrams and identifying components. Machine communication. (P)
- 10:30 - 10:45 **Coffee Break**
- 10:45 - 11:00 “Mixer” mixing equipment.(T/P)
- 11:00 - 13:00 Reviewing condition of rollers. Thermoregulators. Water circuits and filters. Cleaning and critical points. (P)
- 13:00 - 14:30 **Lunch**

SLITTING MACHINE

- 14:30 - 15:15 Main maintenance factors in slitting machines. Mechanical and Electrical. (T)
- 15:15 - 15:45 Interpreting electrical hook-up diagrams.
- 15:45 - 17:00 Gauging and parallelisms. Blade conservation. Adjustments. Shafts; felt and valves. Changing ball rings and lubrication. Greasing movable parts. Rollers levels and aligning. Tension control in web path. Reel diameter calibration. Checking roller coating status. Machine communication. (P)
- 17:00 - 17:30 **Closing**

(T) Theoretical Session (P) Practical Session



Manel Xifra Boda

The information in this brochure is subject to modifications.

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