

Practical maintenance course


Flexographic printing press machines, laminating and slitting machines maintenance.


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

 17-20 October 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 17

- 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, "0" rest position and "offset" printing. (P)

Wednesday 18

- 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 19

- 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)

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

