

# 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."


This four-day course includes maintenance content for flexographic printing machine, laminating, and slitting machine maintenance that allows the responsible for maintenance to perform machine maintenance effectively.

 **14th to 17th May 2024**  
Comexi CTEC North America  
1623 N.W. 84th Ave. Miami, FL 33126

 **English language**

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

 To confirm attendance, please, **register here.**

 Fee: **1800 USD (\*)**.  
Full payment must be made before the workshop starts.  
Limited seats.

(\*) Price includes teaching material and lunch each course day.



## // Tuesday 14

- 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 - 14:00 Lunch
- 14:00 - 15:30 Tension control, dancer roller adjustments and load cells. (P)
- 15:30 - 17:00 Central drum: cooling liquid, pressure maintenance. Printer unit positioning, "0" rest position and "offset" printing. (P)

## // Wednesday 15

- 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 - 13:00 Pump maintenance. (P)
- 13:00 - 14:00 Lunch
- 14:00 - 15:00 Drying system. (T)
- 15:00 - 17:00 Drying system: boxes and tunnel. Filter revision. Air compensation adjustment. LEL Calibration. (P)

## // Thursday 16

- 09:00 - 10:00 Electronic Engineering. (T)
- 10:00 - 10:15 Coffee Break
- 10:15 - 12:30 Interpreting electrical hook-up diagrams and identifying components. Machine communication. (P)
- 12:30 - 13:00 Key elements: greasing points and belt tension. PC coupling adjustment, replacing PC core registration pins, changing guide, roller bearings. (P)
- 13:00 - 14:00 Lunch
- 14:00 - 17:00 Main maintenance and adjustments in: Unwinder and Rewinder. (P)

## // Friday 17

- 09:00 - 09:30 Main **laminating machine** maintenance factors. (T)
- 09:30 - 10:30 Critical electronic components for the laminator and diagnostic tools. (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 - 14:00 Lunch
- 14:00 - 14:45 Main maintenance factors in slitting machines. (T)
- 14:45 - 15:15 Critical electronic components for the slitter and diagnostic tools
- 15:15 - 16:50 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)
- 16:50 - 17:00 Closing

T – Theory | P – Practical



The information in this brochure is subject to modifications.

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