



# KOLEY SLL-350


**LAUNCHING**

**THE NEW  
SOLVENTLESS LAMINATOR**



 [www.koleyconverting.com](http://www.koleyconverting.com)

 [kcempl\\_kolkata@yahoo.co.in](mailto:kcempl_kolkata@yahoo.co.in)

 +033-2640-9102



# Machine Design & Tech Overview

## SUMMARY

KOLEY-SLL-350 is the latest lamination machine which adopts green environment protection technology. It is suitable for applications of solvent-free adhesive composite. Composite substrates mainly include BOPP/MET, PET, NYLON, CPP, PE, PP, PVC, aluminum foil etc.

## WHY CHOOSE

### Solventless Lamination

- Solvent-free adhesive eliminates the raw material cost attained due to the volatile character of the solvent adhesive.
- Solvent-free machine has a higher production efficiency at a maximum speed of 350m/minute.
- The structure of the solventless lamination machine is compact. It's operator friendly console requires with fewer operators, reducing labour costs.
- Solvent-free composite has a lower fire and explosion risk thereby reducing the cost of special measures at fire prevention.

## PRIME FEATURES

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for further  
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PrimeFeatures	KOLEY-SLL-350
Web Width	1000-1300
Speed	350-400 MPM
Substrate	PET, BOPP, PP, PE, PVC, CPP.
UW/ RW Shaftless	Yes
Tention Feedback	Loadcell
Motors	Siemens
Gear Box	Bonfiglioli
Dosing Pump	SAAPL

### SHAFTLESS UNWINDER

Both unwinding units facilitates electronic edge guiding system through ultrasonic edge sensor.



### R1 & R2 ROLLERS

Chrome plated steel rollers are specially designed to maintain constant temperature through circulation water. A metering device is used to control the gap between two rollers that adjusts the adhesive amount.

### LAMINATING UNIT

Laminator unit comprises of heated chrome plated roller, rubber roller and a chrome plated steel backup roller. The steel backup roller is pressed against the rubber roller to avoid any bending to rubber roll leading to uniform pneumatic impression.



### CONAIR SYSTEM

- Precise control of temperature by PID controller
- Dry running protection of pump by level monitoring device.
- Automatic water refeeding facility with overload protection of pump.
- Low Watt Density Heater

# KOLEY

KOLEY-SLL-300

SOLVENT Free

LAMINATING



# PRODUCT RANGE

Registered  
Hotmelt Coating



Rotogravure  
Printing Press

Rotogravure  
Foil Press

Duplex Slitter

Drum Slitter

Combi  
Lamination

Solvent Base  
Lamination

VMCH Alu-Alu  
Lamination

Wax Coating  
Lamination