



# KOLEY CONVERTING



GRAVURE PRINTING ★ SOLVENT BASE LAMINATION ★ SOLVENT LESS LAMINATION  
HEAT & PRESS LAMINATION ★ COMBI (SOLVENT BASE & SOLVENTLESS) LAMINATION  
DOCTORING REWINDER ★ REGISTERED HOTMELT COATING ★ WAX LAMINATION  
PEG COATING ★ CENTER SLITTING ★ SURFACE SLITTING ★ WAX COATING ★ VMCH  
ALU ALU SOLVENTBASE LAMINATION





**Hello,**  
We Create  
Something  
Creative

# ROTOGRAVURE PRINTING MACHINE

PressFeatures	Flexible				Foil		
	KOLEY-125	KOLEY-150	KOLEY-200	KOLEY-250	KOLEY-100	KOLEY-125	KOLEY-150
Colours	4-12	6-10	6-10	6-10	6-10	6-10	6-10
Speed	125 MPM	150 MPM	200 MPM	250 MPM	100MPM	125 MPM	150 MPM
Web Width	800-1300	800-1300	800-1300	800-1300	400-800	400-800	400-800
Air Shaft	Yes	Yes	Yes/No	No	Yes	Yes	Yes
UW/RW Shaftless	No	Yes	Yes/No	Yes/Turret	No	No	No
Tention Contol	Auto	Auto	Auto	Auto	Auto	Auto	Auto
Tention Feedback	Loadcell	Loadcell	Loadcell	Loadcell Dancer	Loadcell	Loadcell	Loadcell
Drying System	HotAir/Thermic Oil/ Electric Heater				HotAir/Thermic Oil/ Electric Heater		
Web Video	Optional	Yes	Yes	Yes	Optional	Optional	Optional
Web Guide	Digital	Digital	Digital	Digital	Digital	Digital	Digital
HMI	Yes	Yes	Yes	Yes	Yes	Yes	Yes



Machine layout is available for further customization to best fit the consumers production requirements.



*We assist businesses in establishing a market presence providing **packaging solutions.***



**Advanced ink circulation system avoids the risk of ink clogging significantly reduces the consumption.**



**Fully automated web tension control with loadcell sensing eliminates wrinkles, web breaks and poor print registration.**





## SURFACE SLITTER REWINDER

### OPTIONAL PARAMETER

- 01** **Operational Speed**  
 150 MPM or 250 MPM
- 02** **Slitting Method**  
 Circular Knives or Razor Blades.
- 03** **Shaft Types**  
 Air Shaft or Mechanical Shaft as per customer requirement with line guider in unwinder trolley.

Leveraging our skilled professionals KOLEY offers an excellent array of slitter machines for its accurate slitting and rewinding qualities. The machines are designed to produce maximum throughput while minimizing downtime.

It ensures perfect slitting of rolls with consistency, flawless results at constant line speed. All common printing & laminating substrates with variable thickness can be slitted in our machine like PET, BOPP, PP, PE, NYLON, PVC, CPP, PAPER AND FOIL etc. Two rewinding shafts carried on swinging arms are center driven through adjustable slipping clutch / motors, also there is a Counter balance system to adjust the pressure between rewind reels and center drum.



**Lets Make  
Awesome Branding**



## PROFESSIONAL TEAM

We are involved in design and manufacturing of **Customized Engineering Solution.**

## CANTILEVER SLITTER REWINDER

The Duplex Slitter rewinder is a Cantilever type which incorporates a range of superior design feature that ensures highest possible quality to the final split roll. Independent rewind tension control through non-contact ultra sonic techniques for diameter measurement and unique core lock system at running speed. The design incorporate the three motor control system, unwind pneumatic brake with load cell feed brake and digital line guiding to achieve high speed correction. A laser core setting system is provided for proper core-core setting. This machine is available in 500 mpm.

## DROP A SERVICE CALL



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**KOLEY**

HOTMELT COATING

**Trusted** by industries  
*World Wide.*

**REGISTERED**  
HOTMELT COATING

Koley Converting is a renowned name being India's first Hot Melt Coating Machine manufacturer. It's robust design and superior built quality delivers superior production lineup to client's business.

Hot Melt Coating is widely used in industrial coating mechanism for the application of fluid coating over a substrate by pre-heating/melting the applied material. Henceforth the coated material is allowed to cool at uniform rate which solidifies the coated layer over the substrate. It is designed to perform coating over complex substrates like printed polyester & laminated paper for the application of soap wrapper, paper coating and some critical applications. We deliver uniformity in coating at speed variations and high precision of web tension controls make it a highly reliable production tool. We provide unwinder and rewinder both shaftless / shafted auto Edge guide system

- ✔ Solid or Registered Coating
- ✔ 2 Roll & 3 Roll Application
- ✔ High Production Speed
- ✔ Superior Accuracy & Coating Weight Control

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



# PEG

## COATING MACHINE

Koley converting machinery designs a special purpose PEG coating machine paper reels. This is an application of polyethylene glycol (PEG) over paper varying from 40 GSM to 80 GSM coating. This application process of polyethylene glycol (PEG) improves the properties of starch. This is water soluble, non-toxic and safe for packaging. The addition of PEG may affect the permeability of water vapour in the coating.



# COMBI

## SOLVENTLESS & SOLVENTBASE LAMINATION MACHINE

Solventless & Solventbase Combi Laminating Machine is an application of solvent-free lamination mechanism. The machines operates at higher speed in order to increase productivity with no wasted costs caused by the solvent evaporation. It's commonly applicable in medical & food packaging industries by maintaining all food safety regulations.





# VMCH

## COATING MACHINE

The machine enables heat seal-able lacquer coating on Aluminium Foil and a thin layer of Shellac on Reverse Foil Surface in a Single Operation. VMCH tunnel is distributed in 6 Heating zones & 1 cooling zones having individual air blower for better temperature control. These machines are appreciated by our clients for their high production speed and low maintenance cost, which greatly enhances its cost effectiveness.

PrimeFeatures	KOLEY-VMCH-150
Web Width	600-1000
Speed	150 MPM
Substrate	Aluminium Foil
UW/ RW Shaft	Air Shaft
Gravure Coating 3 Roll Coating	Yes
Micro Adjustment	Control coating weight between bath roll and application roll.

### Applications

- 01** Aluminium Blisters
- 02** Lid Foils



# DOCTORING REWINDING CUM INSPECTION



## **KOLEY** for CUSTOMERS

- ✓ Supreme Material Quality
- ✓ Affordability & Reliability
- ✓ Top-notch Performance
- ✓ Service Call report by 2-3 days

### TRUSTED PARTNERS



Koley Converting designs the Doctoring rewinding cum Inspection machines for Doctoring and Inspecting various combination of flexible substrates. In any paper, film & foil conversion industry, SLITTING & quot is invariably the last operation to be performed. Our machine is specially designed for correcting badly wound rolles for removing the misregistered and rejected material before it goes to final delivery. In this machine we use a single motor drive for rewinder and powder brake for unwinder applications as per customer requirement. Also we provide a fixed type bar Stroboscope for inspecting the running film. This machine is available at an operational speed of 150 mpm.

#### FOR MORE INFO, CONTACT US



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# SOLVENT BASE

## DRY & WET LAMINATION

Koley Converting is an eminent manufacturer, supplier and exporter of Dry and Wet Solvent Base lamination machines.

It is designed to laminate various combination of flexible substrates with 2 layer and 3 layer pouching applications over PET, BOPP, PP, PE, PVC, CPP, PAPER, LLDP etc. Dynamically balanced rollers and operator friendly automation system facilitates better production experience. This machine is available in Eco model with 150 MPM, and standard model with 200 & 250 MPM. We provide unwinder and rewinder both shaftless / shafted auto Edge guide system. Even we also used a tertiary unwinder for 9 micron foil laminating application.



Our Flexible machine layout, ready for further customizing to best fit the customers production requirements.

### Connect with us!

Let's grow your business together



## ALU ALU

# SOLVENT BASE LAMINATION

Koley Converting designs the ALU ALU Solvent Base lamination machines for laminating aluminium foil with nylon / pvc film and other substrates by gravure coating system with 2 layer and 3-layer pouching applications. The machine is equipped with imported pneumatic system, smooth roll system, dynamic balanced rollers. The operator friendly automation control system provides a smooth production experience. This machine is available at a speed of 200 mpm. We provide unwinder and rewinder both shaftless / shafted auto Edge guide system. High velocity drying system is equipped with multi zone drying tunnel having individual air blower and heat exchanger for adequate temperature control. In this process a premeasured treatment is required after first lamination.



Our Flexible machine layout, ready for further customizing to best fit the customers production requirements.



**We** develop for your  
*Commercial Needs.*

**KOLEY**



**BEST PRICE. BEST  
QUALITY.  
GUARANTEED**

**SOLVENTLESS  
LAMINATION**

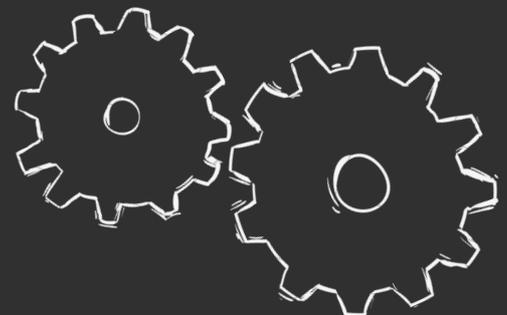


Koley offers solventless technology with high productivity and product quality. The machine provides uniform coating at speed variations and high precision web tension controls make it a highly reliable production tool. It is capable in handling laminates of 2 layer and 3 layer pouching applications. The machine is equipped with imported gearbox, good quality DUOS mixer, and operator friendly automation system.

PrimeFeatures	KOLEY-SLL-350
Web Width	1000-1300
Speed	350-400 MPM
Substrate	PET, BOPP, PP, PE, PVC, CPP, PAPER.
UW/ RW Shaftless	Yes



Availability of window lamination as per customers production requirements.



# HEAT & PRESS LAMINATION



Koley Converting Machinery offers the best of Heat press lamination technology, productivity and product quality. Heat press lamination is an application of laminating poly film with pharmaceutical grade Aluminium foil by pressure application through rubber rolls in presence of hot drum and to apply a thin coating or shellac on foil surface. In this machine you can coat and laminating LLDP, FOIL, PAPER etc. All unwinder and rewinder are with air shaft and safety chuck mounting system suitable to adopt paper/metal core.

## Let's Grow Market

In this machine temperature control of heating drum through submersed electric heater in thermic fluid inside drum and exit of expanded oil through rotary union. Gravure coating method for shellac wash unit suitable for minimum exposed solvent area. This machine is available with 120 mpm.



- 01** Rewinder & Unwinder  
Shafted Type
- 02** Chilling Roller  
3 Roller
- 03** Corona Treater  
Optional as per customer requirement.

Koley Converting Machinery offers cost effective Wax Coating cum Lamination Technology. The machinery is designed to provide excellent performance at high efficiency. All unwinder and rewinder are with air shaft and safety chuck mounting system suitable to adopt paper / metal core.

# WAX COATING CUM LAMINATION

This machine is used to coat special wax on the surface of PE, AL-foil, PET,OPP etc. and thereby laminating it over paper board by pressure application through rubber rolls in presence of bath roll. The finished rolls are die-cut to produce sealing cap wads. The sealing wads are suitable for container sealing widely used in packaging of cosmetic, medicine, food, wine, farm chemical, motor oil, and chemical products. It avoids the risk of anti-deterioration and provide prolonging shelf life.



**01** Rewinder & Unwinder  
Shafted Type, Air shaft and Safety chuck mounting system

**03** Preheat Roller  
1 Roller

**02** Chilling Roller  
2 Roller

**03** Operational Speed  
120 MPM

# KOLEY

Koley Converting Machinery Pvt. Ltd. of India is distinguished by a heritage of industrial innovation. Founded in 1988, its parent company, Converting Machinery first established an international presence by automating the production of printing machines. Since then, the company has greatly expanded its product line through a number of acquisitions, worldwide subsidiaries and engineering advancements.

Owing to its ethical business practice and transparent business policy Koley Converting Machinery Pvt. Ltd are widely reckoned as the most trusted business entity. KOLEY have received many prestigious Awards and Prizes, such as Quality Management System Certificate, Quality Certificate from 21st Century Development Council, Quality Certificate from IPAMA, Excellence Award from Dr. T Subbarami Reddy (**Hon'ble Minister of state for Mines, Govt. of India**), Outstanding Performance Excellence Award towards the socio-economic development from Mr. Chandra Sekhar Singh (**Hon'ble Ex-Prime Minister of India**).



*Mr. Himadri Koley (Managing Director) with Hon'ble Ex-Prime Minister of India*



# KOLEY

## OUR SERVICES

- 01** Highly **Customized Products**
- 02** **Cost Effective** Solution
- 03** On Time **Product Delivery**
- 04** Assured after **Sales Support**
- 05** **34 Years** of Manufacturing Experience



### Registered Office

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