



WDL Series

Dry Laminating Machine

## Unwind Unit

- Double shaft turret type with automatic positioning flying splicers. Composed of AC vector motors and drives, the systems tension is controlled pneumatically by low friction dancer roller.
- E.P.C  
Automatic edge position control with infrared sensors.



## Adhesive Coating Unit

- Gravure coating unit is driven by AC vector motor. When the machine stop, the coating roll can be programmed to self rotate preventing the coating glue to evaporate and solidify.
- The smoothing roll's operating speed is manually or automatically adjustable, operating smoothing angle can also be manually adjusted. The roller also runs in sync with the impression roller, and will synchronously separate from the film when the impression roller stops and raises.



## Rewinder Unit

- Double shaft turret type with automatic positioning flying splicers. Composed of AC vector motors and drives, the systems tension is controlled pneumatically by low friction dancer roller.
- Automatic Taper tensions can also be easily adjusted on the Panel according to different material specifications for curve, slope, or Straight settings.
- Two Additional Touch rollers for both rewinding shafts are pneumatically pressure control ensure the smoothness of the rewinding material without any sliding.



## Integrated Control Panel

- Integrated control panel including human-machine interface touch screen and PLC centralized control system. All of the machine functions and parameters can be monitored and controlled on this user friendly design.



## Laminating & Cooling Unit

- To insure smooth and solid firm laminating results, the machines laminating unit uses a three roller design.



## Doctor Blade Unit

# WDL Series

## Dry Laminating Machine

In response to the mass demand of various materials and multiple methods in flexible packing markets, WORLDLY provides the WDL multiple functional drying laminating machineries as the ultimate solution. With this machine automatic taper tension settings can also be easily adjusted on the panel according to different material specifications, drying temperature is adjusted by PID automatic temperature controller that balances the required temperature. Internal transition rollers are connected together with belt and transmitted by an independent AC motor. In addition, to insure smooth and solid firm laminating results, the machines laminating unit uses a three roller design. With these specific designs on the WDL, provided is increases production and minimize loss which are essential for flexible packaging.

Second Unwind Unit





## Specification

MODEL	WDL
Maximum Machine Speed	200 m/min
(Must depend on coating relevant condition, such as material and laminating thickness)	180 m/min
Laminating Width	800 / 1,000 / 1,200 mm
Material Diameter	Ø 600 mm / Ø 800 mm / Ø 1,000 mm

\* All pictures and technical specifications are for reference only.

## Applications

- PET, CPP, PVC, OPP, PP, PE, Nylon, Aluminum Foil, Paper

## Features

- Laminating width can be used on different materials
- High performance synchronized control system by PLC, provides convenient operation.
- Reversible smoothing roller prevents air bubbles during lamination.
- 4-zone drying: high drying performance and non-volatility remain.
- Drying system options: Thermal oil, Gas burner and Electric heating.



**WORLDLY INDUSTRIAL CO., LTD.**

No.2, 7<sup>th</sup> Road, Taichung Industrial park,  
Taichung city, Taiwan 40755

TEL: 886-4-23599850 / 23599851

FAX: 886-4-23596625 / 23584485

E-mail: