

# Dry Laminating Machine

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**Solvent Based**



A High Efficiency Performer  
with User-friendly Operations

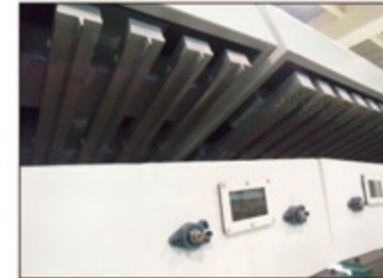
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**WEBCONTROL MACHINERY CORP.**

# Dry Laminating Machine



Double-layer adhesive pan. the outer layer is equipped with an air suction device for sucking the solvent smell, which avoids odor splashing.



**DRYING MECHANISM**

- The drying mechanism has 3 zones with a total length of 8.1 meters.
- The No. 1 zone located at the right employs V shaped nozzles with high air pressure.
- The No. 2 and No. 3 zones are located at the left and employ multi-holes for high efficiency drying.

## SHAFTLESS



### INSERT TYPE BUSHING

- Employs sleeve type chuck with tapered cone to hold core firmly with long stroke feature.
- Film width within 700 mm. can be clamped without the need of additional accessories.



## SHAFTED



### AIR SHAFT TYPE REWINDER

## COATING HEAD



### CHAMBER DOCTOR BLADE SYSTEM

- No adhesive splashing during high speed operation.
- Minimum solvent odor.
- Easy to install and clean.
- Minimum variation of liquid viscosity.
- Long service life of doctor blade.



### OPEN DOCTOR BLADE SYSTEM



### INDIVIDUAL MOTOR DRIVE

- The coating mesh roller and impression roller are driven by individual motors which avoids uneven coating resulting from slipping between coating roller and the substrate.



### SMOOTHING ROLLER

- The smoothing roller is operated by air cylinder.
- An indexing handle provides micrometric adjustment of contact. Contact position is displayed easily.
- Smoothing roll features synchronized motion with pressure roll raising and is separated by material.



European sleeved impression roller for quick changeover.



# Specifications:

Model	DL-1000	DL-1300	DL-S1000	DL-S1300
Machine speed	200 m/min		200, 250 m/min	
Working speed	180 m/min		180-230 m/min	
Laminating material	All kinds of web			
Drying system	Electric heater (Gas, steam or thermal oil as optional.)			
Drying tunnel length	2.7M x 3 sections (8.1M)		2.7M x 3 sections (8.1M, 10.8M)	
Guide roller for drying tunnel	ø90 mm, surface chrome plated. Driven by timing belt.			
Coating system	Gravure type, individual motor drive.			
Adhesive pan	Stainless steel double-layer type (outer layer can absorb solvent smell)			
Laminating roller	Mirror-effect treated, hot oil circulation			
Drying tunnel tension range	2-15Kg			
First substrate tension range	4-25Kg			
Second substrate tension range	3-25Kg			
Finished products tension range	4-25Kg			
Max. unwind diameter	600-800mm		600-800mm	
Max. rewind diameter	800-920mm		800-920mm	
Unwind material fixed method	Air shaft		Shaftless (Built-in extended sleeve)	
Rewind material fixed method	Air shaft		Shaftless (Built-in extended sleeve)	
Preheating roller	Optional		Hot water circulation	
Guide roller type	ø120 mm., center type , Hard chrome coating		ø120 mm., shaft type , Hard chrome coating	
Ladder	Fixed type		Swing type	
Max. material width	1100mm	1350mm	1100mm	1350mm
Coating roller width	1200mm	1400mm	1200mm	1400mm
Coating width range	400-1050mm	400-1300mm	700-1050mm	700-1300mm
Drying blower	5HP x 3 sets	5HP x 3 sets	5HP x 3 sets / 7.5HP x 3 sets	5HP x 3 sets / 7.5HP x 3 sets
Exhaust blower as optional	15HP	15HP	15/22HP	15HP/22HP
Memory data	Optional	Optional	•	•
Auto. splicing system	•	•	•	•
Upper cutter on rewinder	•	•	•	•
Lower cutter on rewinder	Optional	Optional	Optional	Optional
Upper cutter on unwinder 1	•	•	•	•
Lower cutter on unwinder 1	Optional	Optional	Optional	Optional
Upper cutter on unwinder 2	Optional	Optional	Optional	Optional
Lower cutter on unwinder 2	•	•	•	•
Web guide system on unwinder 1	•	•	•	•
Web guide system on unwinder 2	•	•	•	•
Web guide system on drying tunnel outlet	•	•	•	•
Adjustable smoothing roller	•	•	•	•
Dancing roller tension control	•	•	•	•
Chamber doctor system	Optional	Optional	Optional	Optional
Sleeve-type impression roller	Optional	Optional	Optional	Optional
Induction type laminating roller	Optional	Optional	Optional	Optional
Preheating roller	Optional	Optional	Optional	Optional
Corona treatment device	Optional	Optional	Optional	Optional
Stainless drying tunnel	Optional	Optional	Optional	Optional
Tracing roller	Optional	Optional	Optional	Optional

\* All specifications, dimensions and design characteristics shown in this catalogue are subject to change without notice.  
 \* Control systems for other bag making machines are available. Contact us for further details.

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