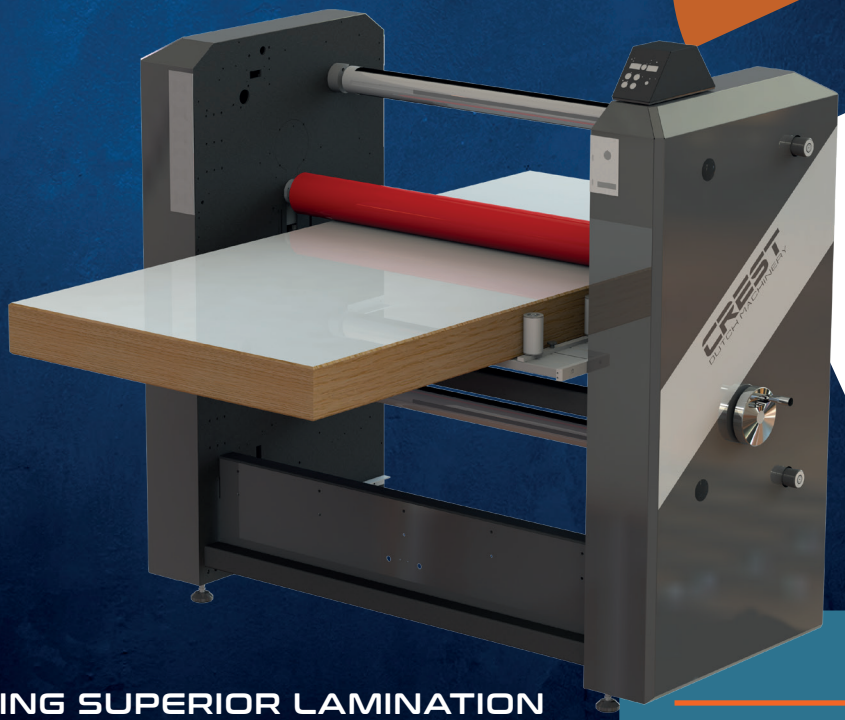
CREST
DUTCH MACHINERY



DRIVING SUPERIOR LAMINATION

LN-1200/2500

HIGH QUALITY DRY LAMINATION

LARGE NIP LAMINATOR

The user-friendly Large Nip Laminator has been developed for professional and industrial applications in all areas involved in the production, manufacturing and processing of doors and panels of all kinds up to 130mm in thickness.

The proven technology with dry laminating of high-quality double-sided adhesive foils that come off the roll does the job perfectly and in the shortest possible time, (up to 25 m/min with the speed option). If required, the panels are laminated either on one side or simultaneously on both sides with double-sided adhesive film.

OPTIONS

- Heat assist options for higher laminating speed or hotmelt adhesive instead of Pressure Sensitive Adhesive (PSA);
- Automatic cutting systems to separate the panels after laminating in addition to other cutting options;
- Panel De-stackers and Stackers to handle the panels around the laminator;
- Interfacing with other machines or integrating in an automated production line;
- Pre-settings for different materials and applications;
- Available for different working widths from 1200mm up to 2500mm or more on request;
- Substrate thickness up to 130mm is standard, more on request.



FEATURES

- Up to 130mm in thickness;
- Dry Lamination technology;
- No curing time;
- Single or double-sided lamination;
- Wrinkle free.

This machine can be customized

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Details are correct at time of publication. Crest Dutch Machinery B.V. reserves the right to alter the specifications at any time.

LN C04 AA EN

TECHNICAL SPECIFICATIONS

Large Nip Laminator	1200	1400
Unpacked weight	800kg	900kg

DIMENSIONS

Depth	990mm	
Width	1920mm	2120mm
Height	1670mm	
Table height adjustable	920mm	

VOLTAGE

3P / N/ PE / 230 Vac, 50/60Hz, 11A

MAXIMUM SPEED

5.5 m/min. (18 ft/min.)

MATERIAL LIMITS

Maximum width	1200mm (47.2")
	or
	1400mm (55.1")
Maximum thickness	130mm (5.1")

SHAFT CAPACITIES

Core	Ø 76.2mm (3")
Maximum (un-)wind diameter	Ø 550mm (21.7")
Maximum roll weight	250kg (551 lbs)

NOISE LEVEL

Less than 70 dB(A)

ROLLER TEMPERATURE

Rollers are both heated,
separately adjustable up to 135°C (275°F)

PRESSURE ROLLERS

Maximum NIP pressure: 4.5 N/mm
2 rollers, adjustable by handwheel
(top roller heatable)

WINDING POSITIONS

Top & Bottom:
1x unwind with adjustable brake/friction

AUTOGRIP SHAFTS 3"

2, with integrated measuring ruler
(zero (0) at the middle of the shaft)

AVAILABLE OPTIONS

- Wrinkling control for other winding positions;
- Additional wind up position;
- Additional unwind position;
- Digital NIP-opening read-out;
- Slitting on roll system;
- Higher working speed up to 25m/min;
- 3" to 6" core adapters;
- Ionization bar to eliminate static charge;
- Adjustable auto stop function, on desired position relative to roller NIP;
- Stopper ring for material rolls;
- Both rollers driven for foam and other soft material applications;
- Length measuring;
- Infrared pre-heating;
- External infeed and outfeed tables;

Other options on request

SAFETY

- Optical photocells at roller-nip for finger protection;
- Mechanical finger protection rear-side;
- Emergency stop button on all corners;
- Jog-mode with limited fixed speed to overrule photocells for set-up material.

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