



DRIVING SUPERIOR LAMINATION

MULTI FUNCTIONAL

The ES laminator is a multi functional laminator for high-quality laminations, panel mounting of images and encapsulation of prints. **The machine is available in a 2 and 4 laminating (bi-directional) roller version.** The Crest machine is suitable for pressure and heat-sensitive lamination and encapsulation processes. It is able to process various types of lamination and encapsulation supplies.

FEATURES

- Rotatable touch screen display (customizable);
 - Digital pressure readout on touch screen
 - Digital speed setting of the rollers
 - Nip pressure read-out of rollers
- Heavy duty unwind brake for web tension with manual side-shift function to prevent wrinkles
- Jog-mode function and reverse operation
- Removable infeed and outfeed table
- Foot pedal for Start/Stop
- Chrome plated Idle roll top and bottom
- Splitter bar for release liner top and bottom

ES - 1600

MULTI FUNCTIONALITY IS KEY



CONFIGURATIONS

Available in 2 basic configurations:

2 ROLLER MACHINE with heatable top roller

4 ROLLER MACHINE with (2) heated front rollers

This machine can be customized

TECHNICAL SPECIFICATIONS

ES

Unpacked weight

2 roller 4 roller

530 kg 810kg

DIMENSIONS

Depth

1100mm 1260mm

Width

2220mm 2220mm

Height

1550mm 1550mm

Table height adjustable

920mm 920mm

VOLTAGE

230 Vac, 50/60Hz, 16A

127/220 Vac, 50/60Hz, 29A

MAXIMUM SPEED

15 m/min. (49.2ft/min.)*

ROLLER PRESSURE

Roller pressure up to 5 N/mm

MATERIAL LIMITS

Roller width

1620mm (63,7")

Maximum width

1620mm (63,7")

Maximum thickness

50mm (5,2")

SHAFT CAPACITIES

Core

Ø 76.2mm (3")

Maximum roll weight

80kg (180lb)

Maximum unwind diameter

Ø 210mm (8")

* (or 600mm (24"), depending on roll position)

NOISE LEVEL

Less than 70 dB(A)

ROLLER TEMPERATURE

Roller temperature up to 150°C

(Temp. sensor by contactless infrared sensor)

PRESSURE ROLLERS

2 Roller version: 2 pressure rollers, adjustable by handwheel
(top roller heatable)

4 Roller version: 4 pressure rollers, adjustable by handwheel
2 front rollers heatable, rear rollers cold.

WINDING POSITIONS

Top & Bottom:

1x combi unwind/windup with adjustable brake/friction
control (1x extra in 4 roller version)
1x Unwind position with adjustable brake and wrinkle-control

AUTOGRIp SHAFTS 3"

4 (or 5 pieces in 4 roller version) with integrated measuring
ruler (zero (0) at the middle of the shaft)

* The speed can be increased, but this may require necessary safety
measures and therefore additional costs.

AVAILABLE OPTIONS

- Wrinkling control for other winding positions;
- Ionization bar to eliminate static charge;
- Additional heating unit for bottom roller (or rear rollers in 4 roller version);
- Cooling unit;
- Digital NIP-opening read-out;
- Slitting system;
- Length counter (with optional automatic stop on entered length);
- End-of-roll detection with automatic stop;
- Higher working speed;
- 3" to 6" core adapters;
- Adjustable friction clutch second roller set (4 roller machine);
- Additional equipment like winding units and infeed and outfeed tables.;
- Electrical roller height adjustment with digital pre-settings on height or pressure.

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.

WARRANTY

- 5-year warranty**

** provided that biannual maintenance is performed by Crest.