

The fully automatic Roll to Sheet Laminator with optional sheetfeeder is developed by Crest Dutch Machinery for full automatic lamination of self adhesive foil on single sheets. The main goal of this machine is to laminate foil on top of a sheet this within the outlines sheet.

The machine consists of three main units:  
Infeed P&P, Laminator and cutting unit.

The pick and place unit picks up an sheet from the collection storage tray and position it on a transport belt in front of the laminator. The transportbelt will feed the sheet in the laminator were it will be laminated with a foil on top.. After lamination the top foil will be cut in the cutting unit so the sheets will be separated.



### Features:

- Modular Concept
- Industrial Design
- Colour touch screen operating panel
- Full automatic process

### Benefits:

- Customer configurable
- Heavy Duty Capabilities
- Easy operating
- Time saving

## Technical Specifications

### Sheets

The minimum sheet size 300 mm x 300 mm.  
The maximum sheet size 1200 mm x 1020 mm. (WxL)  
Sheet thickness between 0,25 - 0,5 mm.

### Laminate film roll:

The maximum film roll diameter is 300 mm on a 3" (76 mm) core.  
Width varies according to the sheet sizes from 300 mm to maximum of 1000 mm.  
The maximum roll weight measures 40 kg.

### Machine capacity:

The machine capacity is measured without material handling.

Sheet length 350mm: 1000 sheets per hour.  
Sheet length 700mm: 800 sheets per hour.

### Cutting unit:

Cutting position adjustable, tolerance +/- 2,5 mm.  
Sheet length adjustable, tolerance +/- 2,5 mm. (Cutting single sheets)

### Utilities

Compressed air      3/4" Hose  
                                 Oil-free, water free, filtered  
                                 Minimal pressure: 4 bar (abs.)  
                                 Advised pressure: 6 bar (abs.)

Electricity            230V, 50/60 Hz

Current                5A

### Ambient Conditions

Temperature:        17°C ~ 25°C (50°F ~ 122°F)  
Moisture:            30% ~ 85%  
                                 The humidity should ideally be 55% (without condensation)  
Floor area:           5000 x 3000mm

### Available options

- Automatic sheetfeeder front  
The sheets can be stacked to a maximum height of 250mm.  
The maximum stack weight 40 kg.
- Heatable top roller, up to 135°C
- Heatable bottom roller, up to 135°C



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