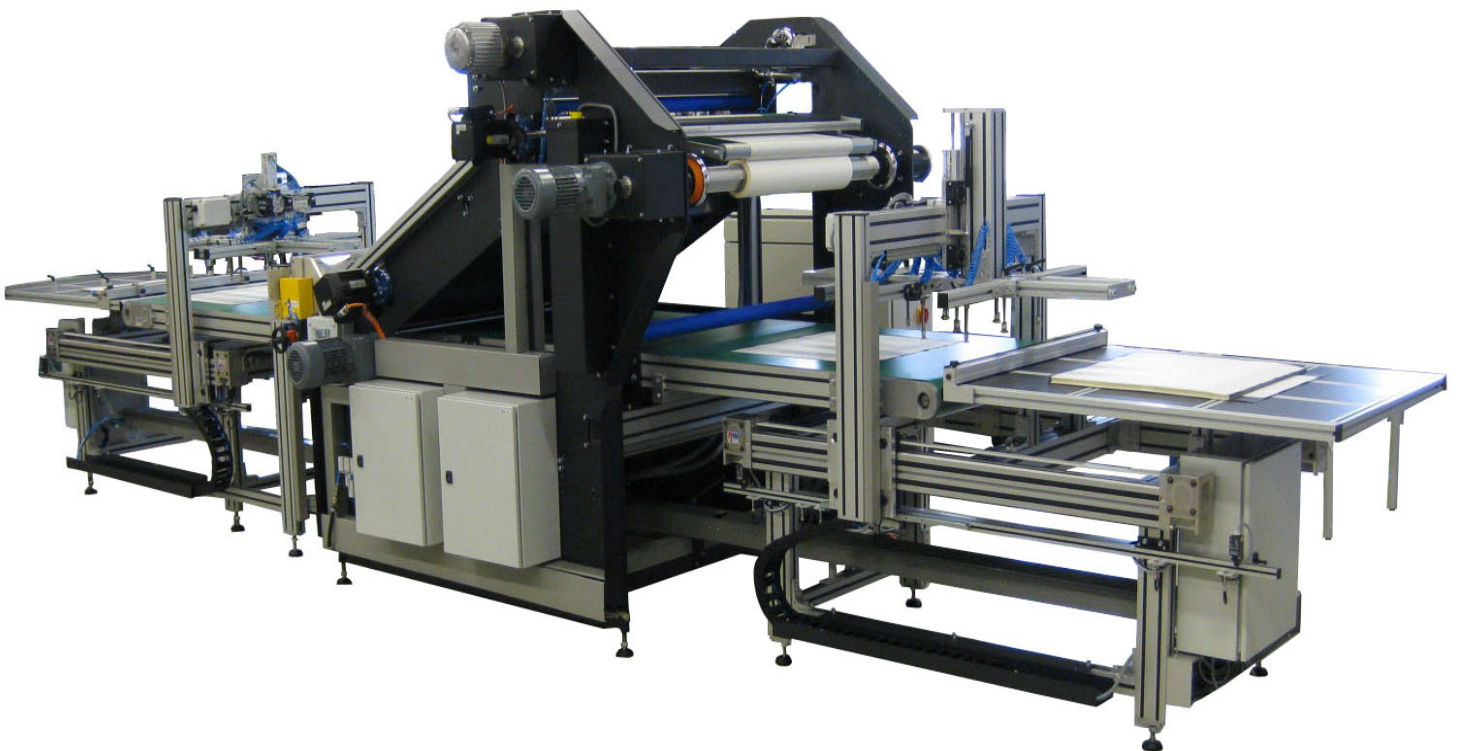


The fully automatic Roll to Sheet Laminator with Pick and Place (P&P) is developed by Crest Dutch Machinery for fully automatic lamination of self adhesive foil on single sheets. The main goal of this machine is to prepare a sheet-A from roll and laminate this sheet on top of another sheet-B. This within the outlines from sheet-B without stopping during the laminating process. The length from sheet-A, and the laminate-start-position from sheet-A onto Sheet-B, can be programmed.

The machine consists of four main units:
Infeed P&P, Cleaning unit, Laminator and output P&P.

The pick and place unit picks up a sheet (A) from the collection storage tray and positions it on a transport belt in front of the cleaning unit. At the same time the laminated sheet coming from the top (sheet B) will be prepared from roll on a programmed length.

The transport belt will feed sheet A through the cleaning unit in front of the laminator. In the laminator both sheets will be laminated together. After lamination the sheets are transported with a transport belt to the rear of the machine and with a P&P collected in a collection tray.



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 sheet sizes can range from 200 mm x 300 mm to 1040 mm x 800 mm. (LxW)
The sheets can be stacked to a maximum height of 40mm.

Laminate film roll:

The maximum film roll diameter is 420 mm on a 3" (76 mm) core.
Width varies according to the sheet sizes from 300 mm to maximum of 800 mm.
Thickness must be between 0.2 – 0.5 mm.
The maximum roll weight measures 40 kg.

Machine capacity:

The machine capacity is measured without material handling and measures 360 sheets per hour.

The machine cycle time is ± 10 sec

Utilities

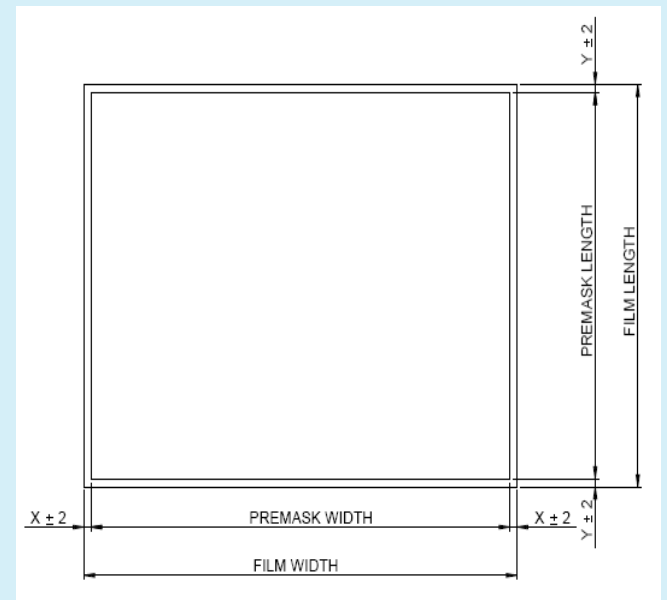
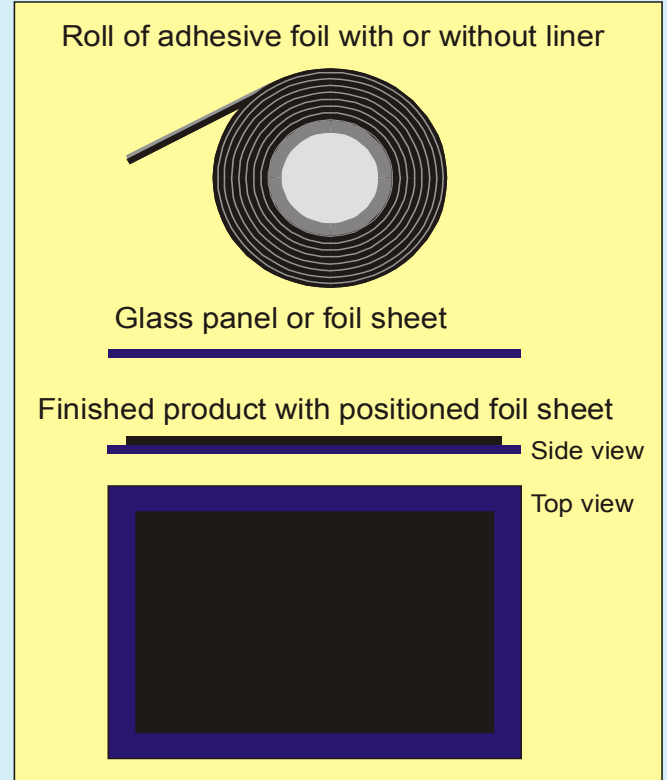
Compressed air	3/4" Hose Oil-free, water free, filtered Minimal pressure: 4 bar (abs.) Advised pressure: 6 bar (abs.)
Vacuum	2 1/2" Hose
Electricity	3P / N / PE ~ 400 VAC, 50Hz
Current	3 x 16A

Ambient Conditions

Temperature:	17°C ~ 25°C (50°F ~ 122°F)
Moisture:	30% ~ 85% The humidity should ideally be 55% (without condensation)
Floor area:	4300 x 8150mm

Ambient Conditions

- Foil sheets
- Glass panels
- Acrylic panels
- Metal sheets



Details are correct at the time of publication.

Crest Dutch Machinery B.V. reserves the right to alter specifications at any time.