

The fully automatic Roll to Sheet Laminator 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 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 three main units:
Infeed table, Laminator and Sheet collector.

The sheets are positioned in front of the laminator
The infeed table receives the sheets from a feeder or an operator. After positioning the sheet moves into the laminator where the laminate is rolled off, cut and laminated onto the sheets. After lamination the sheets are transported to the rear of the machine where the sheets are collected in a tray. The collecting unit consists of two trays so production can continue when one tray is full.

The machine is suitable for in-line and off-line operation.



Features:

- Modular Concept
- Industrial Design
- Colour touch screen operating panel
- Full automatic process
- Suitable for in-line and off-line operation

Benefits:

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

Technical Specifications

Sheets

The sheet sizes can range from 500 mm x 500 mm to 615 mm x 800 mm. (LxW)
The sheets can be stacked to a maximum height of 150 mm or 100 kg.

Laminate film roll:

The maximum film roll diameter is 600 mm on a 3" (76 mm) core.
Width varies according to the sheet sizes from 500 mm to maximum of 800 mm.
Thickness must be between 0.25 – 0.5 mm.
The maximum roll weight measures 350 kg.

Machine capacity:

The machine capacity is measured without material handling and measures 400 sheets per hour.

The machine cycle time is ± 9 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

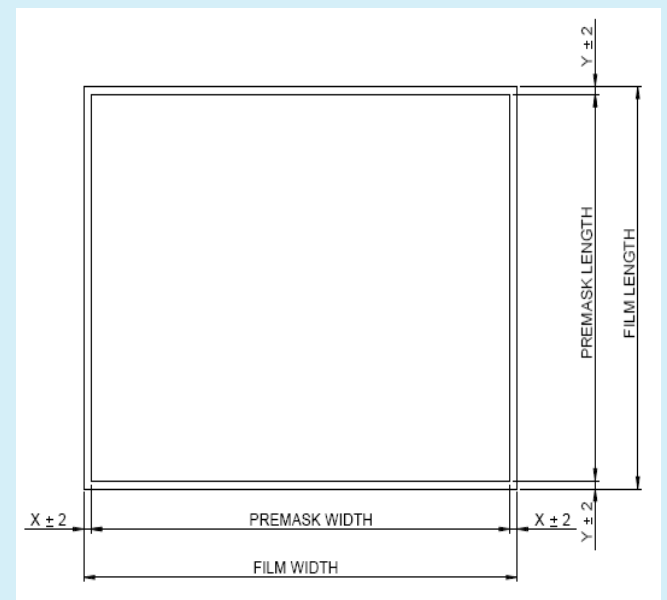
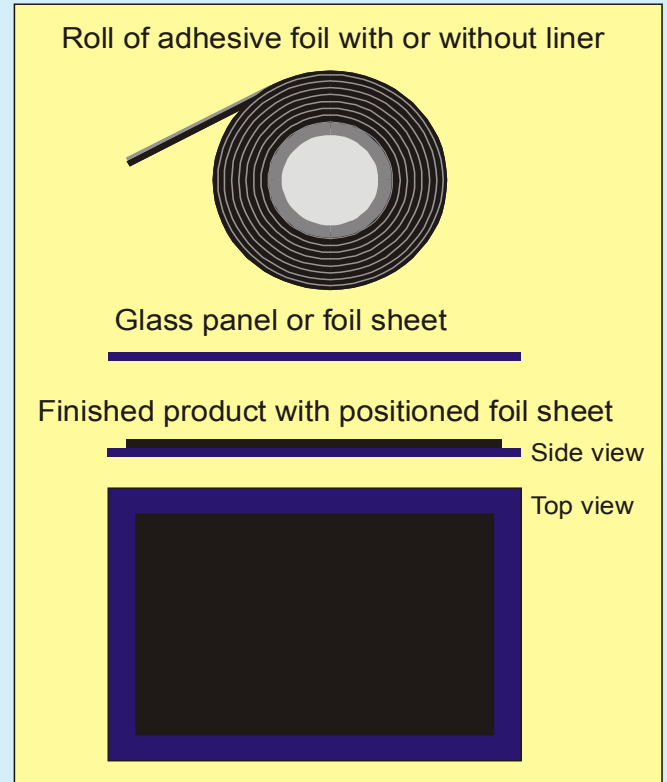
Current 3 x 16A

Ambient Conditions

Temperature: 17°C ~ 25°C (50°F ~ 122°F)
Moisture: 30% ~ 85%
The humidity should ideally be 55% (without condensation)
Floor area: 3500 x 3500mm

Materials

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



Details are correct at the time of publication.

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