

The full automatic Delaminator is developed by Crest Dutch Machinery for full automatic liner removal from single sheets. The main goal of this machine is to remove the liner from the top of a sheet.

The machine consists of seven main units:

Infeed table, tape unit, delamination unit, liner windup unit, cleaning unit, pick and place unit and stacker.

The infeed table receives the sheet from a machine or an operator and will be transported to the tape unit. The tape unit applies an adhesive tape to bond the liner on the sheet to the liner on the previous sheet. The sheet will be transported to the delaminating unit where the liner will be removed and collected by the wind up release liner unit. After delaminating the sheet is treated with ionized air and cleaned by the cleaning unit. The pick and place unit picks up the sheet and places it on a tray that is located on the stacker table.



Features:

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

Benefits:

- Heavy Duty Capabilities
- Easy operating
- Time saving

Technical Specifications

Sheets

Length: 350 - 615 mm
Width: 350 - 400 mm and 615 - 800 mm
Thickness: 0,25 - 0,6 mm.

Adhesive tape:

Core diameter: $\varnothing 76,2$ mm (3")
Roll diameter: 150 mm
Width: 20 - 50 mm

Machine capacity:

The machine capacity is measured without material handling and measures 830 sheets per 7 hour shift

The machine cycle time is ± 30 sec

Utilities

Compressed air 3/4" Hose
Oil-free, water free, filtered
Minimal pressure: 6 bar (abs.)
Advised pressure: 8 bar (abs.)

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: 5300 x 1500mm



Details are correct at the time of publication.

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