

The ES 1400/1600 Mounter, Laminator and Encapsulator is a multi-functional machine for high-quality laminations, panel mounting of images and encapsulation of prints. The ES is a bi-directional laminator with 4 full-fledged laminating rollers. It is suitable for pressure- or heat-sensitive

lamination and encapsulation processes. The machine can use all types of lamination and encapsulation supplies available on the market. The machine is developed and produced in Crest's factory in the Netherlands.



## Features

Process results can be controlled by:

- Temperature setting of the heated rollers
- Speed setting of the rollers
- Unwind tension and wrinkle control
- Integrated slitting system (4 roller configuration)
- Nip pressure of the rollers

## Configurations

2 basic Configurations:

- 2 roller machine cold or heatable rollers
- 4 roller machine with 2 heatable, 2 cold rollers and slitting system
- 2 Widths 1400mm and 1600mm

## Technical Specifications

### ES 1400/1600 – 4 rollers

#### Weight

Unpacked : 810 kg

#### Dimensions

Depth (excl. tables) : 810 mm (31.9")  
Depth (incl. front+rear table) : 1260 mm (49.7")  
Width : 2020 mm (79.5")/2220mm (87.5")  
Height : 1450 mm (57.1")  
Table height (\*) : 920 mm (36.3")

(\*) adjustable by the four height-adjustable machine supports

#### Voltage

230/400V, 50/60 Hz, 16A  
127/220V, 50/60 Hz, 29A

#### Maximum Speed

5.5 m/min (17.6 ft/min)

#### Material limits for prints/panels

##### Lamination

Maximum width (ES 1400) : 1400 mm (55")  
Maximum width (ES 1600) : 1600 mm (63")  
Maximum thickness : 50 mm (1.97")

##### Encapsulation

Maximum width (ES 1400) : 1400 mm (55")  
Maximum width (ES 1600) : 1600 mm (63")

##### Shaft capacities

Core : Ø76,2 mm (3")  
Max. unwind diameter : 200 mm (7.87")

##### Noise level

less than 70 dB (A)

##### Max. roller temperature

135°C

##### Temperature reading

digital

##### Pressure rollers

4 (two front rollers Heatable)

##### Winding positions

3 + 3 Two middle positions, top and bottom, with wrinkle control

##### Autogripshafts 3 Inch

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##### Available options:

- Wrinkling control for other winding positions
- Ionisation bar complete
- Additional heating element for extra heated roller rear
- Other options on request

### ES 1400/1600 – 2 rollers

#### Weight

Unpacked : 530 kg

#### Dimensions

Depth (excl. tables) : 810 mm (31.9")  
Depth (incl. front+rear table) : 1260 mm (49.7")  
Width : 2020 mm (79.5")/2220mm (87.5")  
Height : 1450 mm (57.1")  
Table height (\*) : 920 mm (36.3")

(\*) adjustable by the four height-adjustable machine supports

#### Voltage

230V, 50/60 Hz, 16A  
127/220V, 50/60 Hz, 29A

#### Maximum Speed

5.5 m/min (17.6 ft/min)

#### Material limits for prints/panels

##### Lamination

Maximum width (ES 1400) : 1400 mm (55")  
Maximum width (ES 1600) : 1600 mm (63")  
Maximum thickness : 50 mm (1.97")

##### Shaft capacities

Core : Ø76,2 mm (3")  
Max. unwind diameter : 200 mm (7.87")

##### Noise level

less than 70 dB (A)

##### Max. roller temperature

135°C

##### Temperature reading

digital

##### Pressure rollers

2 (top roller Heatable)

##### Winding positions

2 + 2  
Two unwind positions,  
1x top and 1x bottom,  
with wrinkle control

##### Autogripshafts 3 Inch

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Details are correct at the time of publication.

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