

The Cutting Laminator Single is a slitting and cross Cutting machine, with a driven laminating unit in front. This multi functional machine for laminating and cutting is manufactured for laminating all kinds of foil and thin foam with the possibility to slit it, after laminating, into strokes and after slitting, to cut the material into sheets with the cross Cutter. This process can be executed in one pass.

The following processes can be executed:

- Laminating from roll to roll.
- Slitting into strokes and windup on roll.
- Slitting and cross Cutting into Sheets.
- Cross Cutting (without slitting) into sheets.

The Cutting laminator is fully developed and manufactured by Crest Dutch Machinery in the factory in the Netherlands.



Features:

- Industrial Design
- Colour touch screen operating panel
- Open machine construction
- Automatic process

Benefits:

- Heavy Duty Capabilities
- Easy operating
- Easy process setup
- Time saving

Technical Specifications

Basic specifications

- Working width 1600mm (63").
- 2 laminating rollers
- Adjustable nip pressure by pneumatic cylinders.
- Air pressure left and right independent adjustable.
- Max. Nip opening 25mm. (1") (Laminator)
- Max. laminating thickness 25mm. (1")
- Max. laminating setting, 2,4 N/mm by working width from 1600mm (63")
- 2 unwind position. 1x top, 1x bottom.
- Max. diameter roll foil in Unwind-position Ø300mm(12")
- 2 windup position. 1x top front, 1x bottom rear.
- Max. diameter roll foil in windup-position Ø300mm(12")
- Process / transport speed 12 m/min.
- Cross cutting cycle 1,5 sec.
- Maximum cutting thickness 5mm
- Positioning accuracy: ±1,5mm in 1m
- Cutting length and amount of sheets free programmable
- Cutting according printed cutting marks with programmable front and rear offset.
- Detection cutting marks by optical sensor.
- Slit unit with Bar for free placable slit knife holders.
- 4 Emergency stops on each corner of the machine.
- Touch screen operating panel.
- PLC controlled.
- Adjustable fixed feet's for stable setup.
- Machine colour, antraciet black.
- Other configuration on request.

Machine capacity:

The maximum process speed 12 m/min.

The machine cycle time is depending on sheet sizes.

Utilities

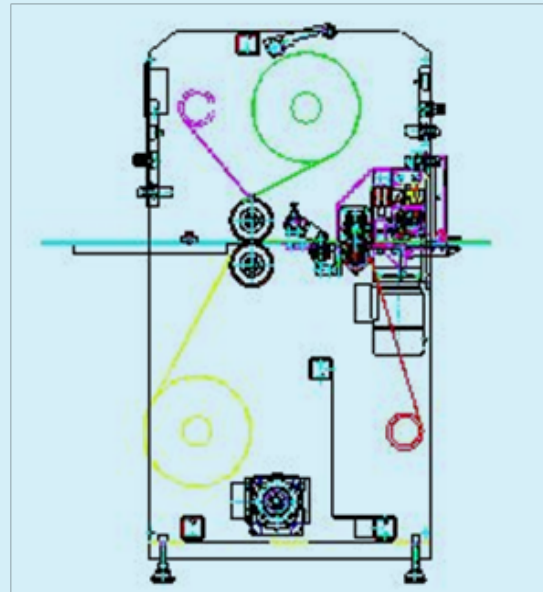
Compressed air	8mm Hose Oil-free, water free, filtered Minimal pressure: 4 bar (abs.) Advised pressure: 6 bar (abs.)
Electricity	1P / N / PE ~ 230 VAC, 50-60Hz
Current	2,5A

Ambient Conditions

Temperature:	17°C ~ 25°C (50°F ~ 122°F)
Moisture:	30% ~ 85%
	The humidity should ideally be 55% (without condensation)
Floor area:	3000 x 4500mm

Availabe options

- Heatable top laminating roller, up to 135°C
- Heatable bottom laminating roller, up to 135°C
- Wrinkle control for unwind positions
- Automatic web-control
- Ionization bar for avoiding static load
- Other option on request



Details are correct at the time of publication.

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