

The Crest TS laminator is a machine for high quality lamination using heat and high pressure. The laminator can be partnered with any UV-curable inkjet printer.

The machine is especially developed to apply a protective laminate on top of UV printed substrates.

The TS's special characteristics avoid silvering effects when applying pressure sensitive overlaminates on rough surfaces.

The Crest TS operates without compressed air and accepts board-, sheet- and roll material.

The machine is developed and produced in Crest's factory in the Netherlands.



Features:

Process results can be controlled by:

- Speed setting of the rollers
- Unwind tension
- Nip pressure of the rollers
- Pressure readout by means of LED bar

Benefits:

Crest TS 1400/1600/2100:

- High output speed
- Maximum roll diameters up to 350mm (14")
- High laminating pressure
- Robust industrial Design
- Extra strong unwind brakes

Technical Specifications

Crest TS 1400/1600/2100

Weight

Unpacked : 575 / 775 / 1000 kg

Dimensions

Depth : 815 / 815 / 890 mm
Width : 1975 / 2175 / 2675 mm
Height : 1530 / 1530 / 1530 mm
Table height : 900 / 900 / 900 mm

Voltage

230V, 50/60 Hz, 16A

Maximum Speed

5.5 m/min (17.6 ft/min)

Material limits for prints/panels

Lamination

Maximum width (TS 1400) : 1400 mm (55")
Maximum width (TS 1600) : 1600 mm (63")
Maximum width (TS 2100) : 2100 mm (83")
Maximum thickness : 50 mm (2")

Shaft capacities

Core : Ø76,2 mm (3")
Max. unwind diameter : 350 mm (13.8")

Noise level

less than 70 dB (A)

Roller temperature

Adjustable 30 – 60°C

Pressure rollers

2 (top roller heatable)

Winding positions

Top : 1x unwind position,
1x windup position
Bottom : 1x unwind position,
1x windup position

Autogripshafts 3 Inch

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Available options:

- Ionisation bar complete (recommended)
- Wrinkle control unwind position (both unwind positions recommended)
- Roller temperature up to 135°C, digital temperature readout.
- Additional heating unit for bottom roller
- Additional roller pressure adjustment rear. (front standard)
- Additional roller pressure readout by led-bar rear. (front standard)
- Digital nip opening read-out
- Output table
- Slitting system
- Length counter with digital read out

Benefits TS laminator compared to a standard laminator:

- Laminator especially developed to apply a protective laminate on top of the UV printed substrates. Established after a long extended test period and practical experiences.
- The significant higher laminating pressure, compared with a standard laminator and special selected rubber compound for UV printed substrates will avoid silvering (microscopic air enclosure) and will result into a perfect laminating quality.
- Pressure readout by led-bar at front and rear of the machine. (rear optional)
- Rotatable operating panel to control the machine from the front and rear side
- Extra strong and freely adjustable unwind brake and windup friction clutch
- Roll unwind-, and windup diameter 350 mm (Max. 100 meter)
- Very robust industrial frame, finished with a high quality powder coating

Details are correct at the time of publication.

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