CREST
DUTCH MACHINERY



DRIVING SUPERIOR LAMINATION

TS-2100
WITH CHROME TOP ROLLER



DESIGNED FOR FACE MOUNTING WITH LIQUID SILICONE

The TS-2100 Laminator is specially designed for face mounting with liquid silicone, ensuring high-quality results and precision. With a robust build and advanced features, this machine provides seamless operation, efficiency, and ease of use for professional laminating applications.

FEATURES

- Top roller chrome
- Bottom roller EPDM rubber
- 1 paper holder positioned at front bottom, for backing paper, including steel shaft (no brake). Via the included guiding roller the backing paper is pulled from underneath the table. The paper holder is lockable so that the shaft cannot fall out.

- Max. thickness: 50 mm
- Infeed table approx. 32.5 cm (removable) of smooth aluminium
- Outfeed table approx. 46.5 cm (removable) of smooth aluminium
- Digital nip opening read-out

YOUR BENEFITS

- Enhanced Durability – Chrome-plated rollers and EPDM rubber ensure longevity;
- Precise Adjustments – Digital nip read-out and height-adjustable rollers;
- Ease of Operation – User-friendly control panel and adjustable snail mode;

This machine can be customized

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Details are correct at time of publication. Crest Dutch Machinery B.V. reserves the right to alter the specifications at any time.

TS D07 AA EN

TECHNICAL SPECIFICATIONS

TS	**2100**
Unpacked weight	1350kg

DIMENSIONS

Depth	890mm
Width	2710mm
Height	1670mm
Table height (optional)	970mm

VOLTAGE

230 V AC, 50/60 Hz, 16A

MAXIMUM SPEED

15 m/min. (49.2ft/min.)*

ROLLER PRESSURE

Roller pressure up to 8 N/mm

MATERIAL LIMITS

Maximum width	2150mm(83")
Maximum thickness	50mm (2")

SHAFT CAPACITIES

Core	Ø 76.2mm (3")
Maximum unwind diameter	Ø 360mm (13.8")
Maximum roll weight	80kg

NOISE LEVEL

Less than 70 dB(A)

PRESSURE ROLLERS

2, adjustable by handwheel (top roller heatable)

WINDING POSITIONS

Top & Bottom:
1x unwind with adjustable friction brake and wrinkle control
1x windup with adjustable friction clutch

AUTOGRIP SHAFTS 3"

4, with integrated measuring ruler (zero=0) at the middle of the shaft

WARRANTY

- 5-year warranty**

**The speed can be increased, but this may require necessary safety measures and therefore additional costs.*

*** Provided there is a signed service agreement (for more information contact Crest).*

AVAILABLE OPTIONS

- Roller temperature up to 150°C, digital temperature read-out;
- Additional heating unit for bottom roller;
- Additional roller pressure adjustment, including pressure read-out by LED bar for operating at rear of machine;
- Digital NIP-opening read-out;
- Output table;
- Slitting system;
- Length counter with digital read-out;
- End-of-roll detection with automatic stop;
- 3" to 6" core adapters;
- electrical roller height adjustment with digital pre-settings on height or pressure;
- Other options on request.

BENEFITS COMPARED TO A STANDARD LAMINATOR

- Laminator has been especially developed to apply a protective laminate on top of UV printed substrates;
- The significant higher laminating pressure and special selected rubber compound for UV printed substrates avoid silvering (microscopic air enclosure) and result in 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 360 mm (max. 100 meter);
- Ionization-bar at windup position to eliminate static charge;
- Very robust industrial frame, finished with a high quality powder coating.

SAFETY

- Optical photocells at roller-nip for finger protection;
- Mechanical finger protection rear-side;
- Emergency stop button on all corners;
- Jog-mode with limited fixed speed to overrule photocells for set-up material.

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