



DRIVING SUPERIOR LAMINATION

DESIGNED FOR FACE MOUNTING WITH LIQUID SILICONE

The TS-2100 Laminator is specially designed for face mounting with liquid silicon, 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
- I 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

TS-2100 WITH CHROME TOP ROLLER



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

TECHNICAL SPECIFICATIONS

TS 2100

Unpacked weight 1350kg

DIMENSIONS

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

VOLTAGE

230 ac, 50/60Hz, 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 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 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.

CREST
DUTCH MACHINERY

info@crest.nl | www.crest.nl | +31 (0)552 3445 050