



GTC141-2000 SPFL

Flowline transfer printing calender

The Klieverik GTC141-2000 single piece flowline is built with pride for ultimate versatility in textile printing. Designed for efficient production of both large and small single-piece transfer prints, it also handles cut-sheet repeat jobs and roll-to-roll transfer printing with ease, making it truly one of a kind. With sharp edge definition, high processing speeds, minimal waste and fewer reprints, this calender delivers the quality and efficiency needed to maximize your profitability.

Ease of operation is central to its design. The unprinted pieces of fabric are placed on the infeed table and automatically transported to the back of the machine, where the printed pieces can easily be collected and sorted by size and design. Optional extended tables make handling large formats even more convenient. Paper tension is precisely set by air pressure, and the low-tension textile winder ensures perfectly uniform results from the first to the last meter when producing roll to roll. The state-of-the-art touchscreen panel provides intuitive and precise control, giving operators full confidence and flexibility.

True to our spirit as Proud Builders, the GTC141-2000 SPFL embodies everything that defines a Klieverik machine: robust construction for long-lasting performance, an advanced oil-heated drum system for unmatched temperature consistency, and an ingenious belt tracking system that guarantees first-time-right production. **Built to perform. Built to last. Built with pride.**

- > Brilliant colours
- > High print definition
- > Reproducibility

When speed and quality are paramount, the Klieverik GTC141-2000 SPFL is the obvious choice for both single piece and roll to roll production. Working width 1800 mm. The drum is electrically heated with oil as the carrier medium for the highest quality print and reproducible products.

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Technical specifications.

Dimensions / weight

Machine width	3940 mm / 155.1"
Machine length	5362 mm / 211.1"
Machine height	1915 mm / 75.4"
Machine weight	± 4500 kg

Diameter / width

Heating cylinder diameter	950 mm / 37.4"
Maximum working width	1800 mm / 70.9"
Substrate unwind diameter	300 mm / 11.8"
Substrate rewind diameter	300 mm / 11.8"
Maximum transfer paper width	1800 mm / 70.9"
Transfer paper unwind diameter	300 mm / 11.8"
Transfer paper rewind diameter	300 mm / 11.8"
Maximum protective paper width	1830 mm / 72"
Protective paper unwind diameter	400 mm / 15.7"
Protective paper rewind diameter	300 mm / 11.8"
Internal core diameter	76 mm / 3"

Table / fume extractor

Length infeed table SPFL	3000 mm / 118.11"
Fume outlet fitting	70 mm / 2.76" (L+R)

Blanket

Printing blanket width	2000 mm / 78.7"
Printing blanket length	6650 mm / 261.8"
Printing blanket thickness	7 mm / 0.28"
Arc of contact blanket-cylinder	223°

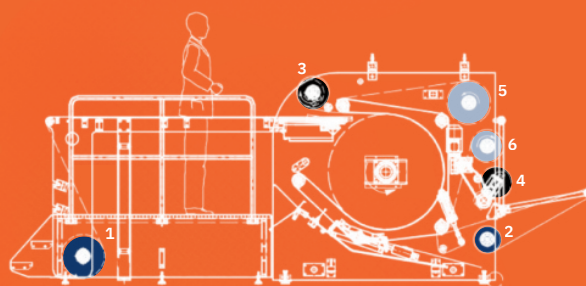
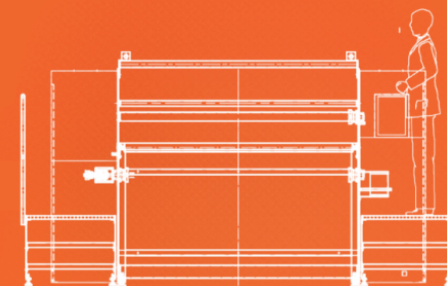
Temperature / speed / air / pressure / oil

Maximum temperature	240°C/464°F
Mechanical speed	1-11 m/min
Linear speed (30 sec. dwell)	3.80 m/min/12.5 ft/min
Air consumption	0,6 Nm ³ /hr
Air	6 bar max./G 1/4"
Oil capacity heating cylinder	550 l.

Electrical information

Total installed power kVA	66 kVA
Amps required at 400 V	105 Amp.
Power heating	63 kW
Power main drive	1,5 kW
Voltage	400 V
Number of phases	3ph
Frequency	50 Hz

Layout



SINGLE PIECE TRANSFER PRINTING & ROLL-TO-ROLL TRANSFER PRINTING

- 1 TRANSFER PAPER UNWIND
- 2 TRANSFER PAPER REWIND
- 3 TEXTILE UNWIND
- 4 TEXTILE REWIND
- 5 PROTECTION PAPER UNWIND
- 6 PROTECTION PAPER REWIND

Would you like to know more
about the GTC141-2000 SPFL
transfer printing calender?
Please contact us:

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