



GTC141-2000

Dye sublimation and fixation calender

The Klieverik GTC141-2000 is built with pride and precision, a versatile calender designed for both dye-sublimation transfer printing (paper to textile) and dye fixation of direct printed disperse dyes or pigment curing. With its sharp edge definition, high production speeds, and minimal waste, this calender lets you achieve outstanding results every single run. Reliable, efficient, and built to drive your profitability.

Ease of operation is at the heart of its design. Every roll position is easy to access and is precisely controlled by air pressure to ensure flawless quality from start to finish. The low-tension contact winder guarantees perfectly even winding on all PES textiles, while its smart, shaft-free design allows you to remove finished rolls quickly and effortlessly keeping your production flowing without interruptions.

True to our heritage as Proud Builders, the GTC141-2000 embodies the qualities Klieverik stands for: a robust, long-lasting construction, an advanced oil-heated drum for unmatched temperature consistency, and an ingenious belt tracking system for first-time-right production.

Built to perform. Built to last. Built with pride.

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

This specific calender is purpose-built for high-speed, high-volume textile production. Designed for both single-piece and roll-to-roll operation, the GTC141-2000 Flowline combines an optimized drive system with precise temperature control to ensure stable performance and consistent results, even at maximum throughput. Reliable, efficient, and ready for demanding production environments.

GTC141-2000

Transfer printing calender

Technical specifications.

Dimensions / weight

Machine width	3547 mm/139,6"
Machine length	2075 mm/81,7"
Machine height	1663 mm/65,5"
Machine weight	± 5000 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	250 mm/9,8"
Maximum protective paper width	1830 mm/72"
Protective paper unwind diameter	400 mm/15,7"
Protective paper rewind diameter	250 mm/9,8"
Internal core diameter	76 mm/3"

Blanket

Printing blanket width	2000 mm/78,7"
Printing blanket length	6900 mm/271,7"
Printing blanket thickness	6 mm/0,24"
Arc of contact blanket-cylinder	298°

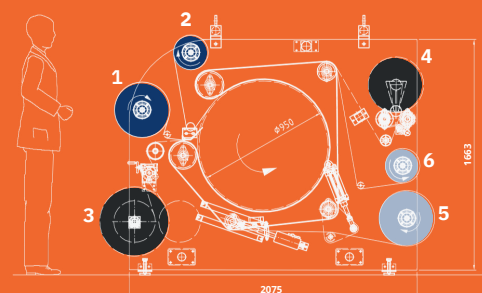
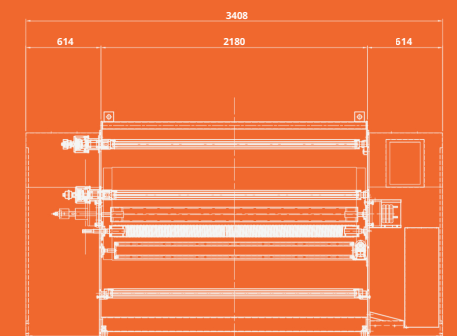
Temperature / speed / air / pressure / oil

Maximum temperature	240°C/464°F
Mechanical speed	1-11 m/min
Linear speed (30 sec. dwell)	4.9 m/min/16.4 m/min
Air consumption	0,6 Nm ³ /hr
Air	6 bar max./G 1/4"
Oil capacity heating cylinder	900 ltr.

Electrical information

Total installed power kVa	67 kVa
Amps req at 400 V	102 Am.
Power heating	45 kW
Power main drive	1.5 kW
Voltage	400 V
Number of phases	3ph
Frequency	50/60 Hz

Layout



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 GTC141-20000
transfer printing calender?
Please contact us:

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