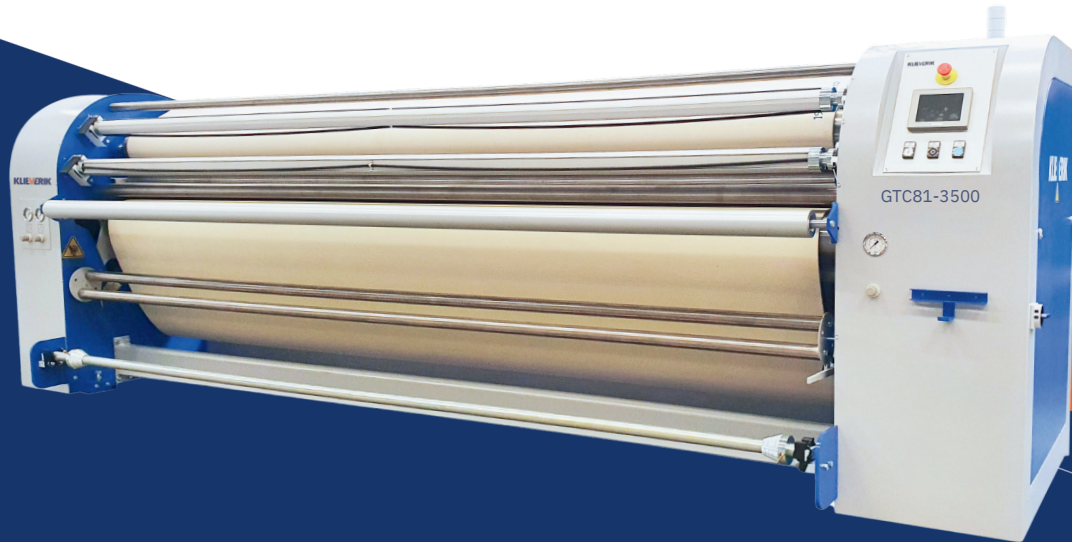




GTC81-3500

Dye sublimation and fixation calender

The Klieverik GTC81-3500 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 GTC81-3500 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

The GTC81-3500 is the ideal entry-level calender for wide-format roll-to-roll production. Compact, reliable, and easy to operate, it delivers the proven Klieverik quality needed for consistent daily output. A true daily workhorse, built to perform with precision and efficiency, day after day.

GTC81-3500

Transfer printing calender

Technical specifications.

Dimensions / weight

Machine width	4480 mm/176,4"
Machine length	1104 mm/43,5"
Machine height	1430 mm/56,3"
Machine weight	± 2200 kg

Diameter / width

Heating cylinder diameter	195 mm/7,7"
Maximum working width	3200 mm/125,9"
Substrate unwind diameter	250 mm/9,8"
Substrate rewind diameter	250 mm/9,8"
Maximum transfer paper width	3200 mm/125,9"
Transfer paper unwind diameter	200 mm/7,9"
Transfer paper rewind diameter	200 mm/7,9"
Maximum protective paper width	3230 mm/127,2"
Protective paper unwind diameter	400 mm/15,8"
Protective paper rewind diameter	200 mm/7,9"
Internal core diameter	76 mm/3"

Blanket

Printing blanket width	13500 mm/137,8"
Printing blanket length	3500 mm/137,8"
Printing blanket thickness	6 mm/0,24"
Arc of contact blanket-cylinder	206°

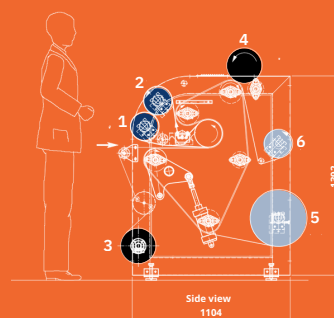
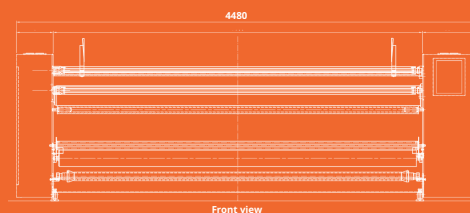
Temperature / speed / air / pressure / oil

Maximum temperature	220°C/428°F
Mechanical speed	0,1-1,5 m/min
Linear speed (30 sec. dwell)	0.70 m/min/2.3 ft/min
Air consumption	0.1 Nm ³ /hr
Air	6 bar max./G 1/4"
Oil capacity heating cylinder	44 l.

Electrical information

Total installed power kVa	22kVa
Amps req at 400 V	32 Amp.
Power heating	18 kW
Power main drive	0,55 kW
Voltage	400 V
Number of phases	3ph/N
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 GTC81-3500 transfer
printing calender?
Please contact us:

+31 541 511155 / info@klieverik.com