



GTC111-2000 (T)

Multi-functional transfer printing calender

The Klieverik GTC111-2000 (T) 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 GTC111-2000 (T) 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

GTC111-2000T

Choose the GTC111-2000 T-version for high-quality printing on natural fibers. Specially designed for the Mimaki TRAPIS system and Coldenhove Texcol® paper, it features an extra pressure roller for perfect pigment transfer onto cotton and other natural fabrics. This T-version combines Klieverik's proven oil-heated drum with sustainable, water-free technology for vibrant, reliable results on both synthetic and natural textiles.

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Technical specifications.

Dimensions / weight

Machine width	3156 mm/124,3"
Machine length	1484 mm/58,4"
Machine height	1422 mm/55,9"
Machine weight	± 3000 kg/6000 lb

Diameter / width

(T)

Heating cylinder diameter	500 mm/19,7"	504 mm/19,8"
Maximum working width	1800 mm/70,9"	1650 mm/65,0"
Substrate unwind diameter	300 mm/11,8"	250 mm/9,8"
Substrate rewind diameter	300 mm/11,8"	250 mm/9,8"
Maximum transfer paper width	1800 mm/70,9"	1650 mm/65,0"
Transfer paper unwind diameter	250 mm/9,8"	250 mm/9,8"
Transfer paper rewind diameter	250 mm/9,8"	250 mm/9,8"
Maximum protective paper width	1830 mm/72"	1680 mm/66,1"
Protective paper unwind diameter	400 mm/15,8"	250 mm/9,8"
Protective paper rewind diameter	250 mm/9,8"	250 mm/9,8"
Internal core diameter	76 mm/3"	76 mm/3,0"

T version

Pressure roller

Blanket

(T)

Printing blanket width	1950 mm/76,8"	1875 mm/73,8"
Printing blanket length	4550 mm/179,1"	4550 mm/179,1"
Printing blanket thickness	7 mm/0,28"	7 mm/0,3"
Arc of contact blanket-cylinder	270°	270°

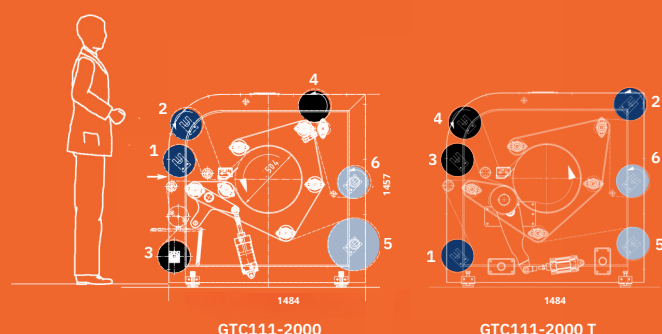
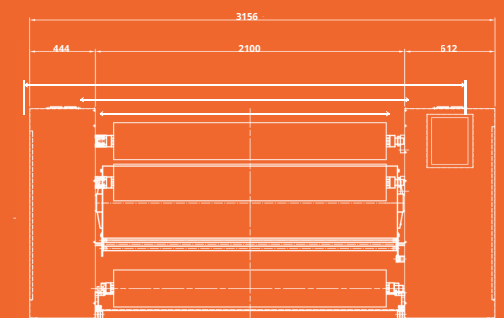
Temperature / speed / air / pressure / oil

Maximum temperature	240°C/464°F
Mechinal speed	0.4-5 m/min
Linear speed (30 sec. dwell)	2.50 m/min/8.2 ft/min
Air consumption	0.1 Nm ³ /hr
Air	6 bar max./G 1/4"
Oil capacity heating cylinder	215 l.

Electrical information

Total installed power kVA	39 kVa
Amps required at 208/400 V	60 Amp.
Power heating	36 kW
E-consumption (estimate)	11 kW (~30%)
Voltage	400 V
Number of phases	3ph/N
Frequency	50/60 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 GTC111-2000 (T) multi-
functional transfer printing calender?
Please contact us:

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