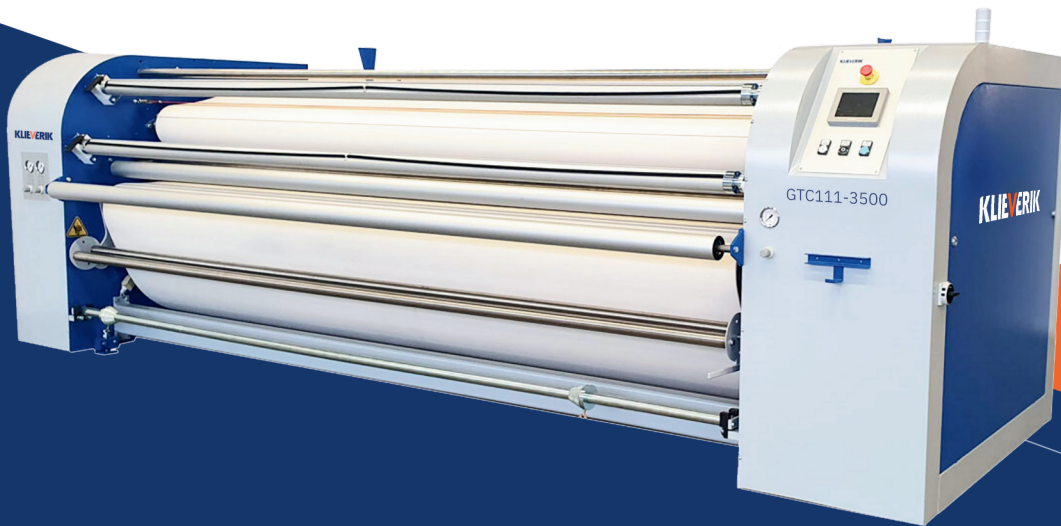




## GTC111-3500

### Dye sublimation and fixation calender

The Klieverik GTC111-3500 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 GTC111-3500 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 GTC111-3500 features a larger drum for increased capacity and stable throughput. A future-proof choice for companies with growing demand, offering the reliability and performance to support higher production volumes with ease.**

# GTC111-3500

## Transfer printing calender

### Technical specifications.

#### Dimensions / weight

|                |                |
|----------------|----------------|
| Machine width  | 4656 mm/183.2" |
| Machine length | 1524 mm/60"    |
| Machine height | 1502 mm/59.1"  |
| Machine weight | ± 4500 kg      |

#### Diameter / width

|                                  |                |
|----------------------------------|----------------|
| Heating cylinder diameter        | 500 mm/19.7"   |
| Maximum working width            | 3200 mm/125.9" |
| Substrate unwind diameter        | 300 mm/11.8"   |
| Substrate rewind diameter        | 300 mm/11.8"   |
| Maximum transfer paper width     | 3220 mm/125.9" |
| Transfer paper unwind diameter   | 250 mm/9.8"    |
| Transfer paper rewind diameter   | 250 mm/9.8"    |
| Maximum protective paper width   | 3320 mm/126.8" |
| Protective paper unwind diameter | 400 mm/15.8"   |
| Protective paper rewind diameter | 250 mm/9.8"    |
| Internal core diameter           | 76 mm/3"       |

#### Blanket

|                                 |                |
|---------------------------------|----------------|
| Printing blanket width          | 3400 mm/133.9" |
| Printing blanket length         | 5000 mm/196.9" |
| Printing blanket thickness      | 7 mm/0.28"     |
| Arc of contact blanket-cylinder | 275°           |

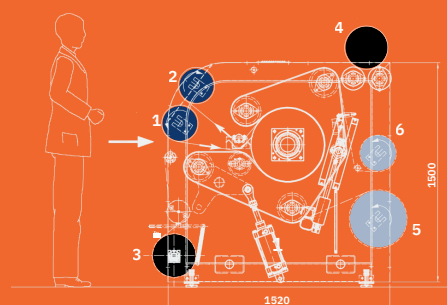
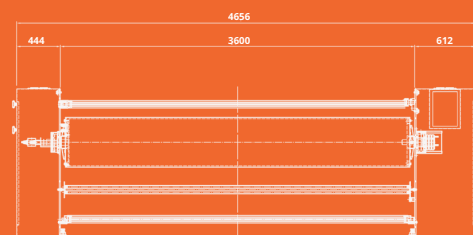
#### Temperature / speed / air / pressure / oil

|                               |                         |
|-------------------------------|-------------------------|
| Maximum temperature           | 240°C                   |
| Mechanical speed              | 0.4-5 m/min             |
| Linear speed (30 sec.dwell)   | 2.50 m/min/8.2 ft/min   |
| Air consumption               | 0.6 Nm <sup>3</sup> /hr |
| Air                           | 6 bar max./G 1/4"       |
| Oil capacity heating cylinder | 350 l.                  |

#### Electrical information

|                                  |          |
|----------------------------------|----------|
| Total installed power kVa        | 62 kVA   |
| Amps req at 400 VAC input (nom.) | 93 Amp.  |
| Total power                      | 61 kW    |
| Power heating                    | 60 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 GTC111-3500 transfer  
printing calender?  
Please contact us:

+31 541 511155 / [info@klieverik.com](mailto:info@klieverik.com)