



GTC81-1850 SPFL

Flowline transfer printing calender

The Klieverik GTC81-1850 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 GTC81-1850 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

The GTC81-1850 Flowline is Klieverik's reliable entry into single-piece transfer printing. Compact, affordable, and easy to operate, it delivers consistent quality and efficiency for both small and large-format jobs. A trusted standard for flexible textile production, your dependable choice for everyday single-piece workflow.

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Technical specifications.

Dimensions / weight

Machine width	2880 mm / 113.4"
Machine length	2390 mm / 94.1"
Machine height	1430 mm / 56.3"
Machine weight	± 1600 kg

Diameter / width

Heating cylinder diameter	195 mm / 7.7"
Maximum working width	1650 mm / 64.9"
Substrate unwind diameter	250 mm / 9.8"
Substrate rewind diameter	200 mm / 7.9"
Maximum transfer paper width	1650 mm / 64.9"
Transfer paper unwind diameter	200 mm / 7.9"
Transfer paper rewind diameter	200 mm / 7.9"
Maximum protective paper width	1680 mm / 66.1"
Protective paper unwind diameter	200 mm / 7.9"
Protective paper rewind diameter	200 mm / 7.9"
Internal core diameter	76 mm / 3"

Table / fume extractor

Length infeed table SPFL	1000 mm / 39.37"
Fume outlet fitting	70 mm / 2.76"

Blanket

Printing blanket width	1850 mm / 72.8"
Printing blanket length	3000 mm / 118.1"
Printing blanket thickness	6 mm / 0.24"
Arc of contact blanket-cylinder	180°

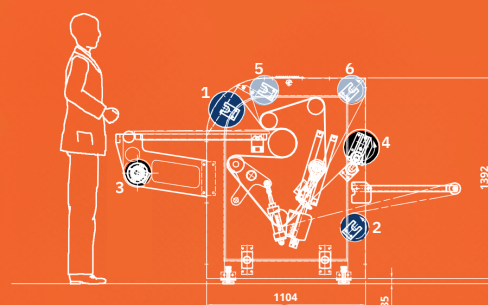
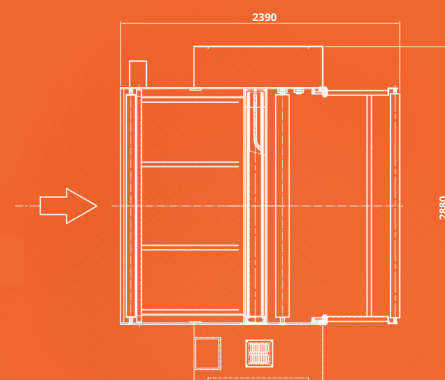
Temperature / speed / air / pressure / oil

Maximum temperature	220°C/428°F
Mechanical speed	0,1-1,5 m/min
Linear speed (30 sec. dwell)	0.60 m/min/2.0 ft/min
Air consumption	0.1 Nm ³ /hr
Air	6 bar max./G 1/4"
Oil capacity heating cylinder	27 l.

Electrical information

Total installed power kVA	10 kW
Amps required at 400 V	18 Amp.
Power heating	9 kW
Power main drive	0,25 kW
Voltage	400 V
Number of phases	3ph/N
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 GTC81-1850 SPFL
transfer printing calender?
Please contact us:

+31 541 511155 / info@klieverik.com