

FEATURES GTC 81/1850 SP:

- * Maximum textile width : 1650 mm
- * Maximum temperature : 220 °C
- * Mechanical speed : 0,1 –2 m/min
- * Total installed power : 10 kVA
- * Heating cylinder diameter : 195 mm

- * The 100% Nomex felt-belt enables to produce at high quality standard.
- * Easy access of the infeed makes it possible to work continuously without interruption.
- * The heating system of the drum, with electrical heating elements directly in the thermo-oil guarantees an exact temperature uniformity over the whole width of the drum and during the process.
- * The thermo-oil is continuously mixed in an open system, which guarantees even temperature and no build up of pressure.
- * Aluminum winding shafts



Klieverik offers a complete range of calenders giving you the perfect choice to suit your production capacity.

Available standard models in Sport System-range:

- GTC 81/1850 SP
- GTC 81/2300 SP
- GTC 101/2000 SP
- GTC 111/2000 SP
- GTC 111/2000 SSP (Super Sport System)

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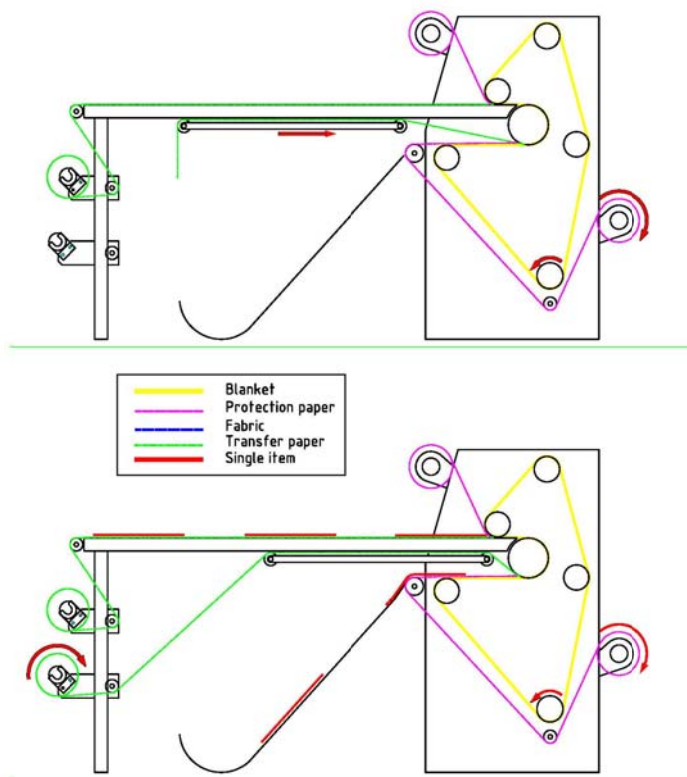
GTC 81/1850 Sport System

TRANSFER PRINTING
of pre-cut pieces in a continuous way

The Sport System enables continuous printing of single panels/pieces or transfer printing in a more conventional roll to roll configuration. The images, which can vary from one to the other, are digitally printed onto a continuous roll of transfer paper and fed into the calendar print face up. The printed paper is presented to the operator over a horizontal table, with an area large enough to allow sufficient time for the single, pre cut or preformed items to be placed in register with the print. The printed paper, the single items and an overlaying protection paper are transported around the face of the calendar. After transfer printing the single panels/pieces are transported, via a conveyor belt, to the front of the machine for collection. Thanks to the ergonomic layout of the machine and its continuous process it's possible to produce large volumes of individual panels, using less energy, with greater consistency and with fewer operators compared to a hand operated flatbed press.

The unique Sport System makes it possible to transfer-print pre-cut single pieces of material at high speed with the use of normal continuous printed paper, reducing the digital printing cost. Because of strong reduced handling on the TC 81 Sport System, labour cost will be a fraction of the normal hand operated systems. The usage of "sticky" paper will not be required to produce printed single items and an additional operator can be avoided.

Accurate control of temperature, web guide, web tension and blanket pressure result in high quality, exactly reproducible end products. This machine is standard equipped with: Aluminum winding shafts, fabric unwinder and tensioning device; unwinder and winder for printed paper; unwinder and winder for protection paper, infeed table and J-box. Another feature is the built-in cooling down timer, which will increase your production time considerably.



Infeed of transfer paper on roll.



Placing single pieces of fabric on top of the printed transfer paper. In this case, a rubber coated bar-top with polyester fabric laminated to one side, is placed on the design.



Transportation of printed pieces to J-box. The single items are transported automatically through the calendar without the need to use "sticky" paper.



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