

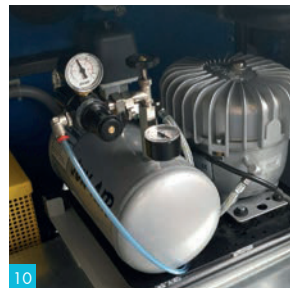
FEATURES AND OPTIONS
MODEL GTC-SP FLOWLINE

The calenders are standard equipped with:

- 1 Infeed table with adjustable height
- 2 Protection bar to prevent an operator from damaging the printed paper
- 3 Front outfeed for single sheet production
- 4 Wind and unwinding shafts for transfer and protection paper, each with tensioning device
- 5 Optimized work flow without 'ghosting' of the image
- 6 Cooling down timer
- 7 Textile unwind and winding position for roll-to-roll printing

Options:

- 8 Extended infeed table
- 9 Pneumatic winding shafts
- 10 Compressor
- 11 Exhaust extraction bar
- 12 Air pressure operated paper tension setting
- 13 Touchscreen



OPTIONS



ABOUT KLIEVERIK

Klieverik Heli B.V. is a dynamic company, focused on rotary thermo-processing equipment for advanced textiles. With more than 40 years of experience we design, manufacture, install and maintain innovative industrial machinery. We manufacture stand-alone equipment and complete production lines. Our highly versatile machinery provides added value and improves the efficiency of textile printing and finishing operations.

We offer solutions with rotary thermo-processing systems, also called heat presses or dwell calenders for:

- Dye sublimation printing and dye fixation (digital/analog printing)
- Laminating & coating of (technical) textiles
- Thermobonding of non woven
- Production lines for thermoplastic composite preregs
- Fusing and laminating of carpet



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DIGITAL
PRINTING

DYE SUBLIMATION TRANSFER PRINTING,
FIXATION OF DIRECT PRINTED DISPERSED DYES OR PIGMENT INKS

BRILLIANT COLOURS

HIGH PRINT DEFINITION

REPRODUCIBILITY



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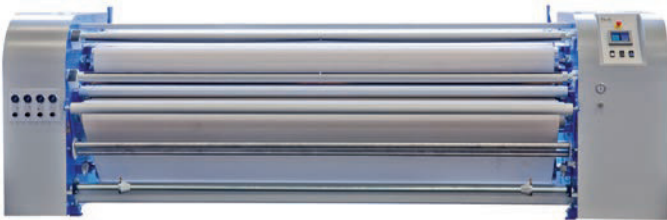
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SPECIFICATIONS

TYPE	DRUM SIZE MM	DRUM SIZE INCH	DRUM WIDTH MM	DRUM WIDTH INCH	WORKING WIDTH MM	WORKING WIDTH INCH	THROUGH PUT (30 SEC. DWELL) M²/HR	THROUGH PUT (30 SEC. DWELL) FT²/HR	LINEAR SPEED (30 SEC. DWELL) M/MIN	LINEAR SPEED (30 SEC. DWELL) FT/MIN
GTC 81-1850	195	7.7	1850	72.8	1650	64.9	69	746	0.70	2.3
GTC 81-2750	195	7.7	2750	108.3	2550	100.4	107	1152	0.70	2.3
GTC 81-3500	195	7.7	3500	137.8	3200	125.9	134	1446	0.70	2.3
GTC 101-1850	365	14.4	1850	72.8	1650	64.9	170	1830	1.70	5.6
GTC 101-2750	365	14.4	2750	108.3	2550	100.4	260	2800	1.70	5.6
GTC 101-3500	365	14.4	3500	137.8	3200	125.9	326	3509	1.70	5.6
GTC 111-2000	500	19.7	2000	78.7	1800	70.8	270	2906	2.50	8.2
GTC 111-2750	500	19.7	2750	108.3	2550	100.4	345	3714	2.50	8.2
GTC 111-3500	500	19.7	3500	137.8	3200	125.9	495	5328	2.50	8.2

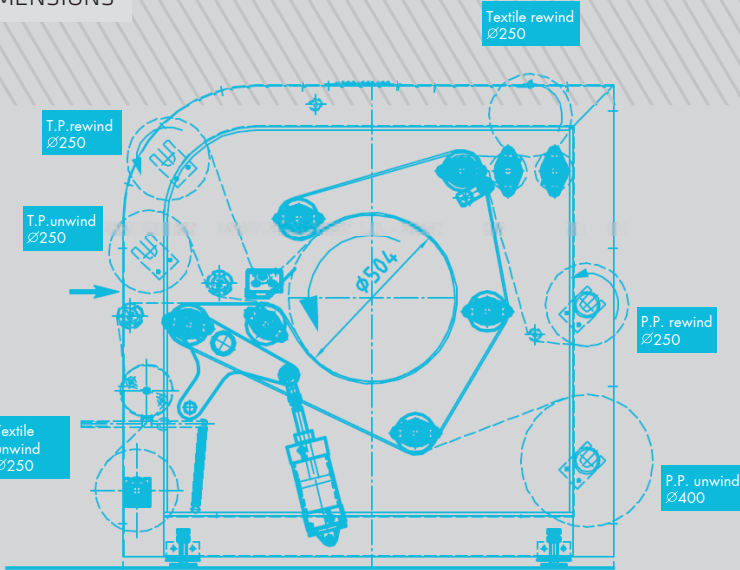
TRANSFER & FIXATION
BELT CALENDERS
MODEL GTC



Klieverik GTC belt calenders can be used for dye-sublimation transfer printing (paper to textile) as well as for dye fixation of direct printed dispersed dyes or pigments. Our GTC belt calenders are well suited for entry level professionals to high-end production facilities.

With sharp edge definition, high processing speeds, less waste and fewer re-prints, these calenders are designed for maximizing profitability. These machines are suitable for all kinds of materials like wovens-stretch-knits-non wovens.

DIMENSIONS



FEATURES AND OPTIONS
MODEL GTC

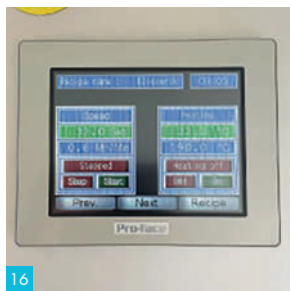
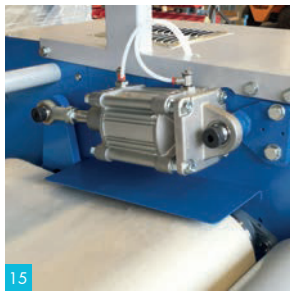
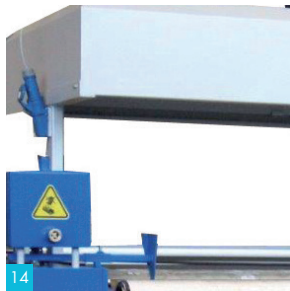
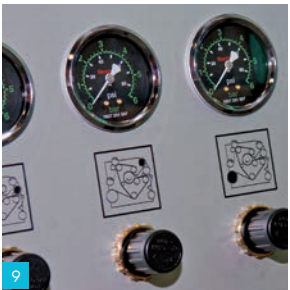
The calenders are standard equipped with:

- 1 Low tension textile unwind
- 2 Textile tensioning device
- 3 Universal unwind shaft for textiles rolls for any core diameter
- 4 Wind and unwinding shafts for transfer and protection paper, each with tensioning device
- 5 Contact winder for textile
- 6 Scraper blades to prevent paper or textile from wrapping around the drum and cleaning of the drum
- 7 Cooling down timer

Options:

- 8 Low Tension textile winding for stretch sensitive materials
- 9 Air pressure operated paper tension setting
- 10 Driven substrate expander
- 11 Edge cutting unit
- 12 Compressor
- 13 Pneumatic winding shafts
- 14 Exhaust hood
- 15 Pressure laminating roller
- 16 Touchscreen with remote control capabilities

OPTIONS



SPECIFICATIONS

TYPE	DRUM SIZE MM	DRUM SIZE INCH	DRUM WIDTH MM	DRUM WIDTH INCH	WORKING WIDTH MM	WORKING WIDTH INCH	THROUGH PUT (30 SEC. DWELL) M²/HR	THROUGH PUT (30 SEC. DWELL) FT²/HR	LINEAR SPEED (30 SEC. DWELL) M/MIN	LINEAR SPEED (30 SEC. DWELL) FT/MIN
GTC 81-1850 SP-FL	195	7.7	1850	72.8	1650	64.9	59.4	642	0.60	2
GTC 101-1850 SP-FL	365	14.4	1850	72.8	1650	64.9	115	1226	1.15	3.8
GTC 111-2000 SP-FL	500	19.7	2000	78.7	1800	70.8	175	1884	1.6	5.3

TRANSFER PRINTING
CALENDERS SINGLE PIECES
MODEL GTC- SP FLOWLINE



The GTC-SP Flowline model has been designed for the efficient production of single pieces transfer printing, but is also capable of cut sheet repeat jobs or roll-to-roll transfer printing. All kind of materials like woven – stretch – knits - non woven can be printed with applications ranging from athletic apparel to doormats. This calender is named 'Flowline' because of the way the material is transported through the machine. The blank pieces of fabric are first laid down on the infeed table and are then

automatically transported (or 'flow') to the back of the calender in the exact same order. The transferred pieces of fabric can easily be gathered and sorted by size and colour or design. It is also possible to have the transferred pieces flow to the front of the machine by simply changing the directional plate under the infeed table. This feature is great for sampling or short runs.

DIMENSIONS

