

# Transferprinting



Cotton and Viscose



*Klieverik*  
THE NETHERLANDS



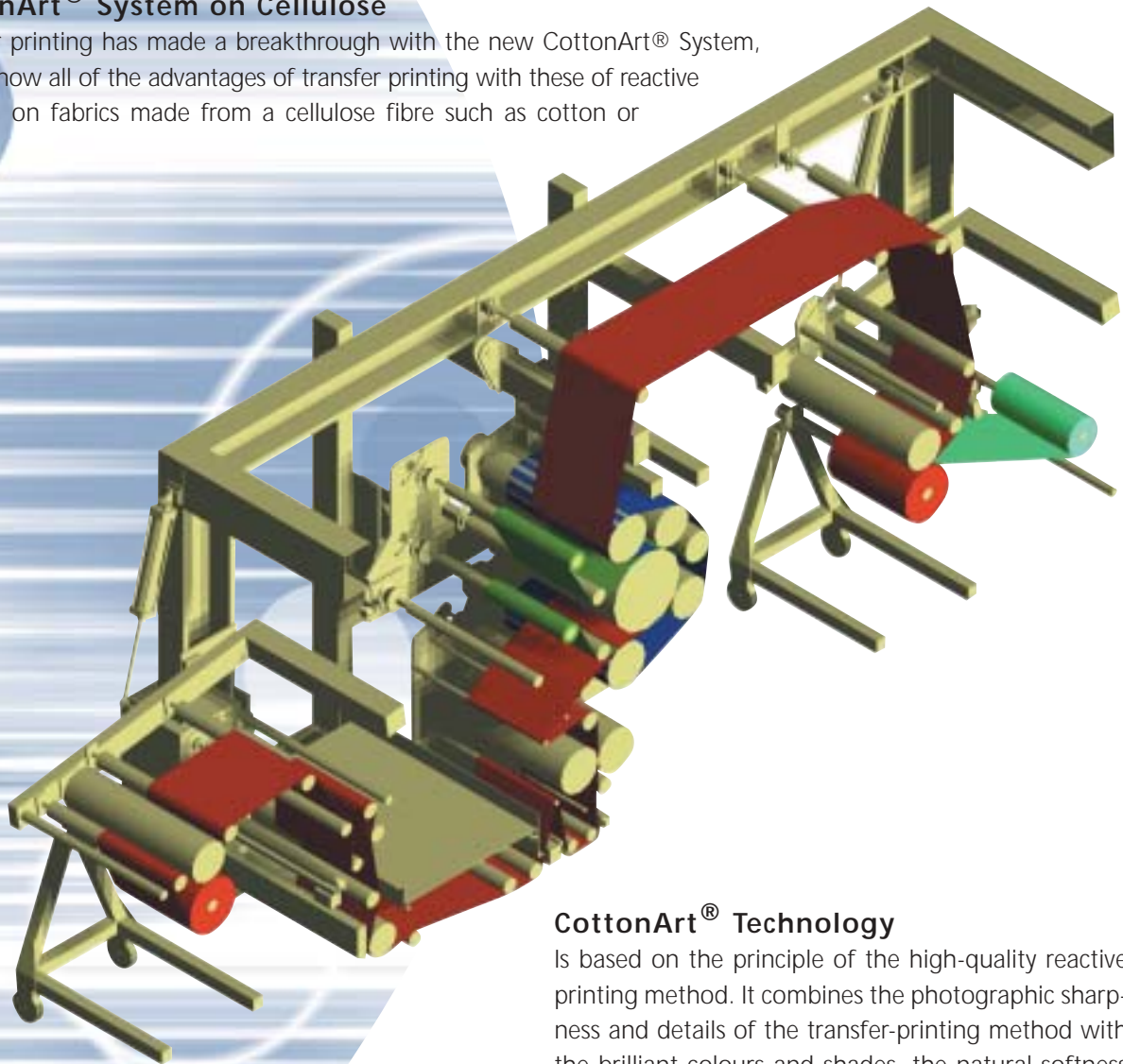
# Transferprinting

## Introduction Klieverik

Klieverik Heli BV, a limited liability company allied with the GSG-group, has been active for over 40 years as an engineer and a manufacturer of innovative systems and stand-alone units which improve efficiency of textile printing, laminating, non-woven fixation and other finishing operations.

## CottonArt® System on Cellulose

Transfer printing has made a breakthrough with the new CottonArt® System, joining now all of the advantages of transfer printing with these of reactive printing on fabrics made from a cellulose fibre such as cotton or viscose.



**CottonArt® Production line**

## CottonArt® Technology

Is based on the principle of the high-quality reactive printing method. It combines the photographic sharpness and details of the transfer-printing method with the brilliant colours and shades, the natural softness and the excellent fastness of the reactive dye-printing method. The CottonArt® System is a cold pad batch system and is environmental friendly due to the low consumption of water, energy, polluting dyestuffs and chemicals.



## CottonArt® System

A reliable calender especially made for transferring reactive dyestuff on to cellulose fabrics, the so-called CottonArt® process. Both calender and process are worldwide protected by a patent.

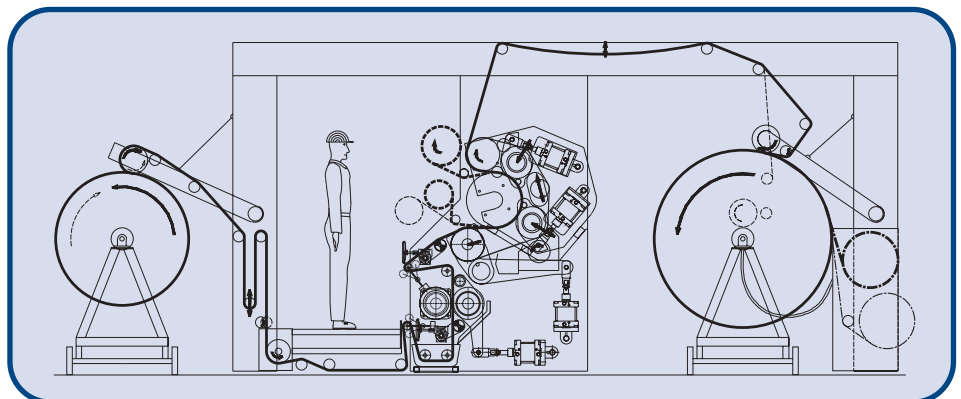
## Advantages of the CottonArt® System

The CottonArt® process is a Cold Pad Batch system which ensures an easy handling of the complete printing process. The reaction of the dyestuff with the cellulose happens on the A-frame after the printing process. No printing thickener is used and there is no need for a complete washing program, a simple rinsing of the fabric is sufficient.



## CottonArt® Production line

Fabric of cotton or viscose are led through the foulard and calender to be printed by means of transfer paper, which has been pre-printed with reactive dyestuffs. Unwinding section; impregnation in foulard; pressure transfer of the dyestuff from paper to fabric; winding section and unwinding of plastic foil.

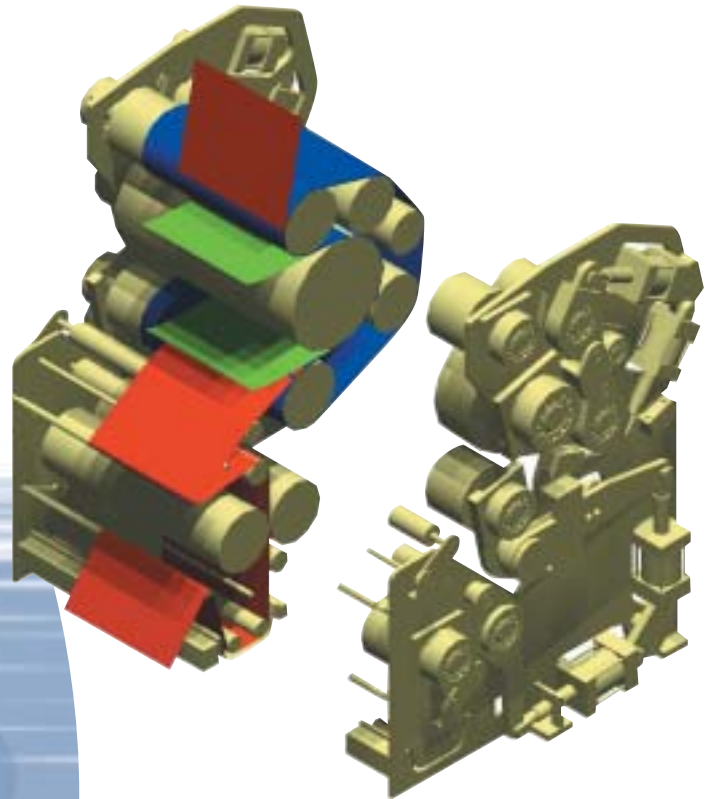




## CottonArt® Calender

### CottonArt® Calender

The AC-driven belt-calender includes a rubber covered processing drum and two non-bending laminating rollers to be activated separately.



**Klieverik**  
THE NETHERLANDS

Supplier of (thermo)  
processing  
equipment for:

transferprinting

laminating

thermobonding for non-woven

heatsetting



### How to find us?

Coming from direction Amsterdam on Highway A1, take exit 33 "Oldenzaal Zuid". At the first traffic light, take a left. At the second traffic light straight ahead. At the third traffic light take a left. Klieverik is the second company at your right.

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