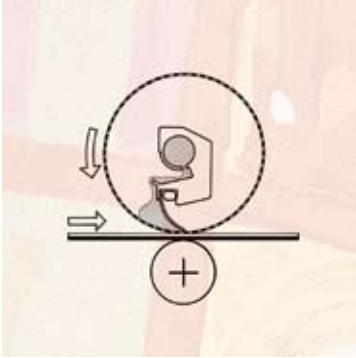
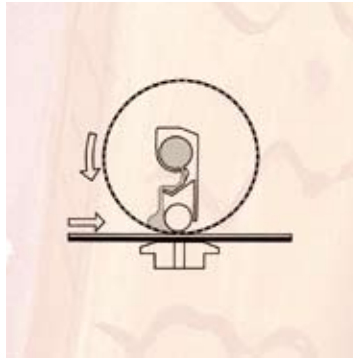


1



2



A universal and versatile printing machine

The RD 8 accommodates two different squeegee systems - blade and roller - as well as combinations of both.

The blade squeegee (1) is the standard 'all-round' choice, and can be used in the widest range of applications. By using a blade squeegee more paste is deposited on the surface of the substrate, rather than in the substrate, which gives vibrant colours and allows more creative solutions.

The roller squeegee (2) is an extremely user-friendly system. The amount of paste applied is determined by the diameter of the roller and paste viscosity. The magnetic force that positions the roller is adjustable from the printing position control panel for extra convenience.



Stork Prints

The Stork Prints Group is the leading supplier of printing consumable concepts for the textile and graphic markets as well as 2-dimensional, high accuracy, metal precision products. The group achieved a turnover of € 200 million in 2007. For more information please visit www.storkprints.com.

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RD 8

*Stork's most competitively-priced
printing machine*

Stork Prints

The reliable and robust rotary screen printing machine

The RD 8 is a system you can rely on. Specifically designed for long, reliable and highly productive use, it is ideal for high-volume operations where quantity is a priority but quality has to remain high. It is completely compatible with the demands of the modern printing process, allowing simple and rapid changeover to another design or colour-

way, straightforward operation and excellent reproducibility.

The RD 8 is the successor to the well-established and extremely successful RD4, and is the latest in a long line of Stork printing machines that are well known for quality and reliability at an affordable price. Thousands of machines from this product family are still

in use worldwide today, testimony to the durability, solidity, reliability and value they offer. The basic machine version has a mechanical drive system. For those who require higher levels of performance combined with greater printing sophistication and higher levels of automation, an individual drive version of the RD 8 is also available.



Individual drives bring greater accuracy and efficiency

The individual drive version of the RD 8 brings a higher level of printing sophistication, automation and control to your printing operation. This, combined with its reliability and robustness, gives you an extremely efficient and flexible printing machine.

The main difference between the individual drive version and the standard RD 8 is that each printing position is equipped with its own motor and control panel. This brings several significant benefits:

Easy screen insertion, fast register

To simplify the insertion of screens, the pitch points can be positioned on top. This is because the motor of each printing position carries out automatic longitudinal adjustment of the screen positions so they are all in register. Designs are therefore printed in register more or less immediately.

Better quality through variable lead setting

The lead setting can be adjust-

ed to accommodate different types of substrate, which in many cases leads to considerably higher quality. For extra convenience, the lead setting is variable via the central operating panel.

Greater accuracy, easier operation

As the controls for the blanket and printing positions are electronically linked, many adjustments are taken care of automatically. As an example, if printing is stopped and then restarted, the screens will start rotating in repeat and in register, therefore precisely matching the design already printed.

Less rejects and seconds

Electronic control also means that the correct repeat position is retained during accelerations and decelerations in blanket speed. As a result, the design is in register quicker, as speed variations do not necessitate any corrections of the repeat.

This, along with the variable lead, significantly reduces the amount of seconds and

rejects. It is not uncommon to realise double-digit percentage savings as a result.

Synchronised operation

The printing blanket is driven by a central motor, and its speed detected by a digital encoder. This encoder transmits a signal to the control units of the individual printing positions, which in turn drive the motors for each screen.

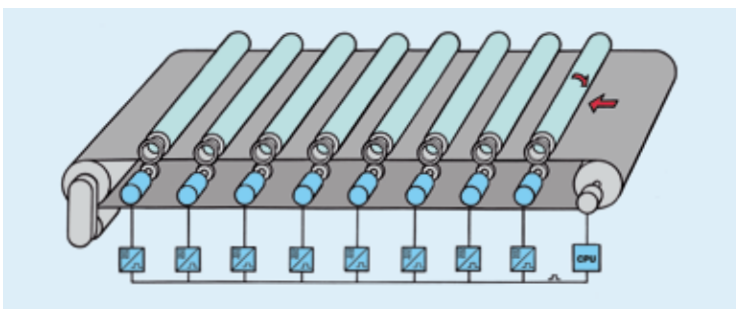
In this way, the operation of these various elements is completely synchronised.

Motorised repeat settings (option on individual drive machines only)

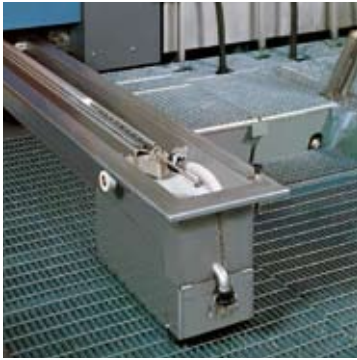
As a further step towards complete automation, it is possible to motorise the lateral and the diagonal repeat settings. This allows greater accuracy, plus simpler operation via the control panel.

Automatic Presetting System (option on individual drive machines only)

Repeat orders are greatly simplified with the Automatic Presetting System software package. Data on repeat settings, squeegee pressure and printing speed can be stored per design or colourway. For repeat orders, simply entering the appropriate design or colourway number causes the printing positions to automatically adjust to the required settings.



With individual drive each position has its own motor.

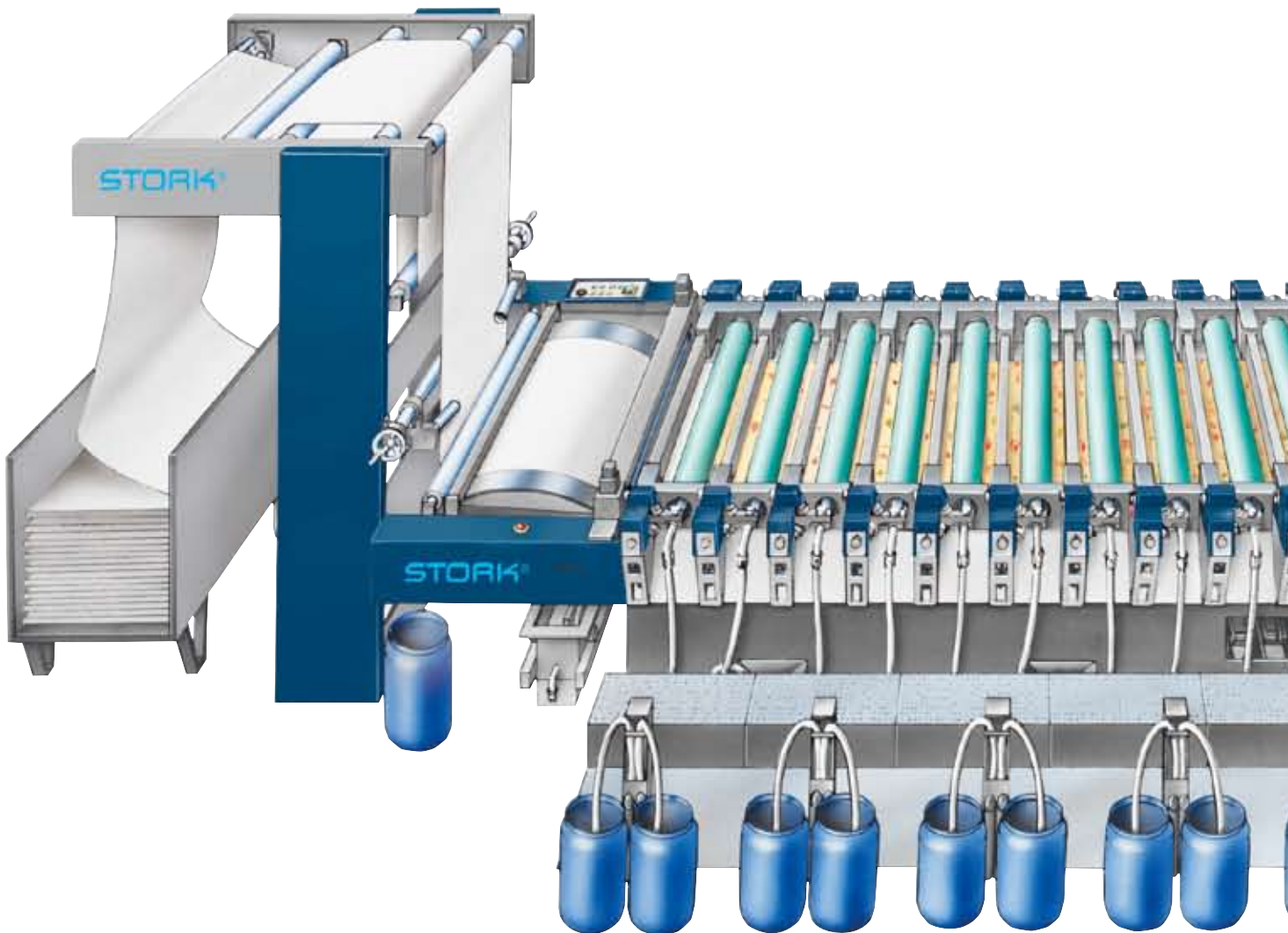


Uniform and optimised glue application

The RD 8's patented gluing system applies an extremely uniform layer of glue onto the printing blanket. It also helps reduce glue consumption without compromising adhesion by making the location, width and thickness of the applied layer easy to set. An optional thermoplast gluing device that consists of a glue application unit together with a cloth and a blanket heater is also available.

Reliable operation

The robust, tried-and-tested mechanical drive system of the RD 8 provides long and uninterrupted service. A central main motor drives both the printing blanket and screens. Based on this straightforward and reliable principle, literally thousands of RD 4 printing machines - the predecessor of the RD 8 - have given years of productivity, with minimal interruptions for maintenance. The RD 8



is also characterised by consistent performance even under demanding conditions like tropical temperatures and high relative humidity.

Twin Drive

For those customers who are in favour of the variable lead setting of the Individual Drive version, but who do not require the other benefits of the ID, there is an intermediate solution: the RD 8 Twin Drive.

In this execution both the printing blanket and the drive of all the screen heads have their own motor, allowing for a flexible setting of the lead, a fractional speed difference between printing blanket and screen head.

Accurate repeat setting

The longitudinal, lateral and diagonal repeats can be set at each printing position. The same applies to the squeegee pressure and position and, when using

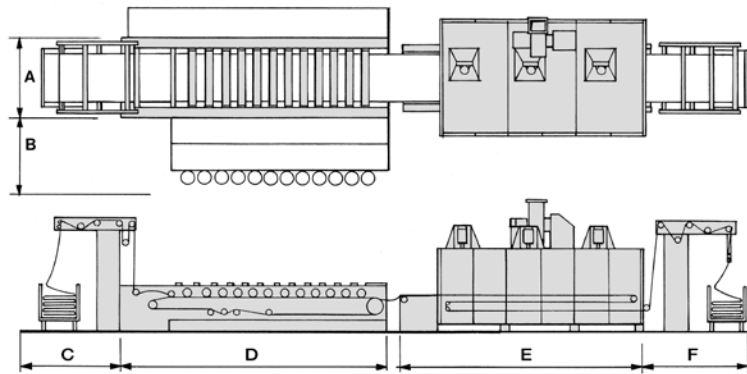
roller squeegees, the magnetic flux. The repeat size is altered quickly and simply by changing the screen bearings. Repeat sizes up to 1018 mm are possible.

Wide choice in infeed and discharge

A number of different infeed and discharge units are available for use with the RD 8 to expand your printing possibilities. Customised solutions to meet any specific requirements you



may have are also possible. Various dust removal systems are available for use on the infeed side, to ensure that print quality is not compromised by contamination through loose particles.



Technical specifications

Maximum printing width	1620 mm	1850 mm		
A	2595 mm	2825 mm		
B	2200 mm	2200 mm		
No. print positions	8	12	16	
D	5396 mm	7060 mm	8724 mm	
No. dryer sections	2	3	4	5
E	5410 mm	7550 mm	9690 mm	11830 mm
C Infeed app.	2200 mm			
F Outfeed app.	2500 mm			

