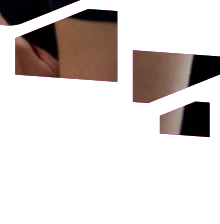




KONICA MINOLTA

COLOUR TECHNOLOGIES THAT HELP BUILD YOUR BUSINESS



**COLOUR
TECHNOLOGIES**

Giving Shape to Ideas

STAND OUT WITH UNIQUE IMAGING & MEDIA TECHNOLOGIES

The bizhub PRO and PRESS colour printers and presses help you achieve success in printing thanks to a wide choice of unique proprietary technologies which together ensure high-definition images as the basis for top-quality printouts. Their image quality is truly consistent from the first to the very last page and from one print job to another. Konica Minolta therefore provides the ultimate guarantee of professional results with which you can impress even your most demanding customers.

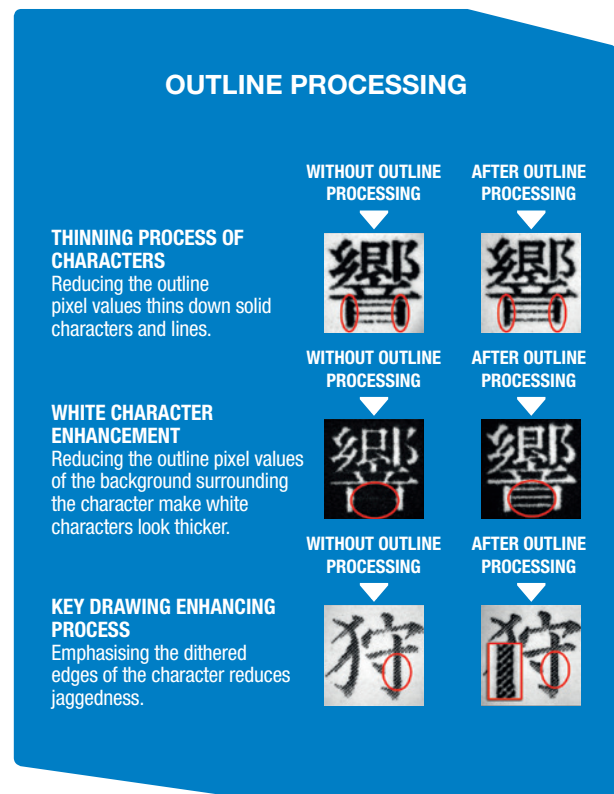
Depending on their predominant areas of application, the different digital production systems feature these innovative imaging and media technologies in varying combinations – not all technologies introduced in this leaflet are therefore available on all printing presses.

Exceed your customers' expectations

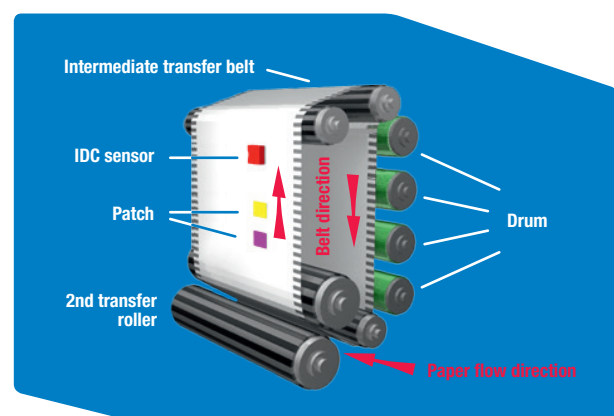
The Konica Minolta bizhub PRO colour printers and bizhub PRESS colour presses have been equipped with unique image technologies that guarantee their outstanding and singularly consistent quality. This gives print providers like you the benefit of a true differentiator, enabling you to really exceed customer expectations and increase your business opportunities.

– **S.E.A.D.IV** – Konica Minolta's own advanced colour processing technology of the fourth generation is called S.E.A.D., which stands for "Screen-Enhancing Active Digital Process", and combines an array of technical innovations to guarantee truly exceptional colour reproduction at top speed. S.E.A.D. IV includes these important capabilities:

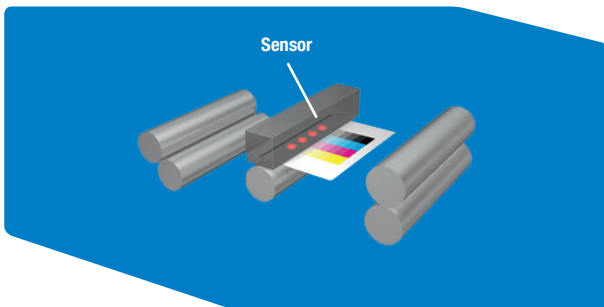
- 1,200 x 1,200 dpi x 8 bit print resolution – The impressive print resolution on Konica Minolta printers and presses reproduces the finest characters and thinnest lines to perfection. With 8 bit colour depth and Dot Positioning Control, they achieve a resolution equivalent to 1,200 x 3,600 dpi.
- OutLine Processing – OLP improves the appearance of characters no matter whether this concerns small fonts, thin characters or inverted text. Konica Minolta's imaging technology applies the right optimisation to reproduce high-resolution characters. Key operators can trust this system, which automatically adjusts to provide the best possible quality.



– **Image Density Control** – IDC monitors the image consistency during continuous printing without affecting the performance. Corrections are fully automatic and improve the stability of the image quality, while the whole process considerably enhances production efficiency.



- **Output Feedback System** – A standard feature on all bizhub colour printing presses, the bizhub PRESS C1070 series adapts an enhanced version of the proven inline colour output feedback system. The refined system measures not only CMYK colour but also RGB colour directly on the paper. It delivers improved accuracy and stability of each colour and also process colour reproduction. Key operators benefit from enhanced efficiency, as they no longer need to apply a time-consuming calibration process.



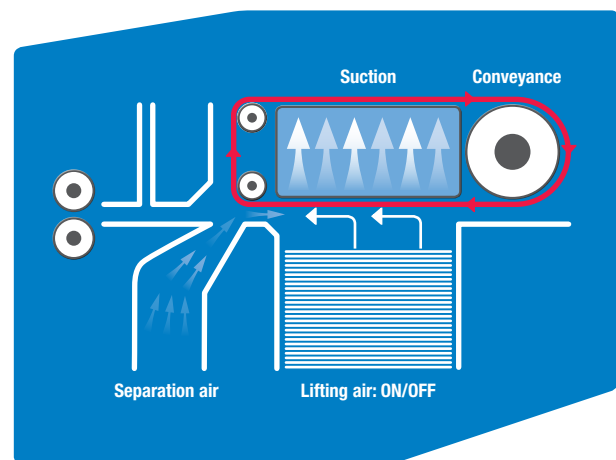
- **Colour Retention and Stability** – The exclusive CRS technology constantly monitors the status of Konica Minolta colour printers and presses. Receiving continuous feedback about changes in the print environment and the engine, CRS immediately makes the necessary adjustments to always maintain the highest print quality.

Boost your business

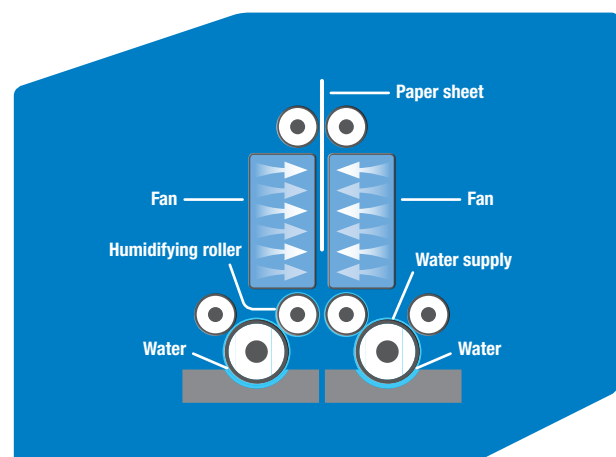
Konica Minolta's digital imaging technologies are further enhanced by pioneering media-handling technologies helping you to boost your business by standing out from your competition, provide new print applications, and enjoy more efficient workflows and less human intervention – to generate more profit and revenue.

- **Registration shift mechanism** – The new registration system enhances print position and front-to-back registration accuracy by securely correcting paper skews and deflection. By using a registration roller and a top-edge detection sensor, the paper will be stopped, generating a small loop. This will automatically straighten the paper in the paper path. In addition, paper deflection is corrected by a deflection sensor and by shifting the paper sideways.
- **Roll to belt fusing unit** – The newly designed fusing unit features many technologies to ensure the highest media flexibility: bigger roller for heavier media productivity, enhanced air separation for improved media handling, especially on thin paper, fuser shift mechanism to increase durability, and envelope printing supported by a special fuser.

- **Air suction or vacuum feeding** – It is essential for high-volume printers to feed each and every sheet smoothly and precisely through the digital press. To ensure this, Konica Minolta offers professional and intelligent paper feeding that builds upon proven concepts, including a combination of air separation of sheets and suction/vacuum feeding. This ensures smooth paper processing throughout the printing system. For efficient printing on offset and coated stock, as well as under high humidity conditions, an optional heating unit can be added to enhance this precise technology further.



- **Decurling and ICE** – As part of this technology, a mechanical paper decurling unit is provided as standard on all bizhub colour presses. For critical applications, a second mechanical decurling unit is also available (standard on bizhub PRESS, optional on bizhub PRO systems) that adds a humidifier unit to help remove unwanted static and heat from the paper. Additionally, the optional Inter-cooler Curl Eliminator (ICE) can be integrated to humidify the paper passage and help reduce paper curls and paper clinging. In combination with the mechanical decurler, this achieves highly accurate paper delivery.





KONICA MINOLTA

- All specifications refer to A4-size paper of 80 gsm quality.
- The support and availability of the listed specifications and functionalities varies depending on operating systems, applications and network protocols as well as network and system configurations.
- The stated life expectancy of each consumable is based on specific operating conditions such as page coverage for a particular page size (5% coverage of A4).
 - The actual life of each consumable will vary depending on use and other printing variables including page coverage, page size, media type, continuous or intermittent printing, ambient temperature and humidity.
- Some of the product illustrations contain optional accessories.
- Specifications and accessories are based on the information available at the time of printing and are subject to change without notice.
- Konica Minolta does not warrant that any prices or specifications mentioned will be error-free.
- All brand and product names may be registered trademarks or trademarks of their respective holders and are hereby acknowledged.

Your Konica Minolta Business Solutions Partner:

Konica Minolta
Business Solutions Europe GmbH
Europaallee 17
30855 Langenhagen 🇩🇪 Germany
Tel.: +49 (0) 511 74 04-0
Fax: +49 (0) 511 74 10 50
www.konicaminolta.eu