



# BOOST YOUR BUSINESS WITH UNRIVALLED **PRODUCTIVITY**

**bizhub PRESS C1100 / C1085** 



Giving Shape to Ideas



## ARE YOU READY FOR MORE BUSINESS?

As the demand for high volume digital colour printing on the rise and the ability to handle diverse applications; business owner requires a robust, reliable and high quality digital print solution. You will need automated workflow from prepress to production to deliver unsurpassed quality and productivity so that your business can generate more revenue than before.





# BOOST YOUR BUSINESS WITH UNRIVALLED **PRODUCTIVITY**

WITH THE NEW  
**bizhub PRESS  
C1100 / C1085**



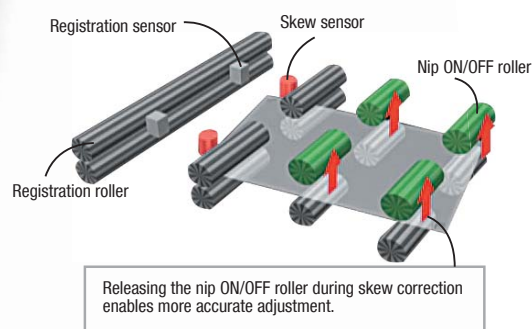
## **ACHIEVE MORE**

The new bizhub PRESS C1100 / C1085 series is ideal for digital and commercial print environment and offers the promise of unrivalled productivity to meet the diverse needs of applications. It delivers outstanding performance with first-rate quality and reproduction for professional use. The new bizhub PRESS C1100 / C1085 series promises productivity gains with up to 100 ppm at rated speed without compromising the output quality. Combined with Konica Minolta's proprietary Simitri HD<sup>E</sup> toner and Screen-Enhancing Active Digital Process (S.E.A.D IV) technologies, you can now meet demands of high volume complex print specifications with superior quality and colour reproduction.



# UNRIVALLED PRODUCTIVITY

With the synergy between the advanced fusing system and innovative low-melt Simitri HD<sup>E</sup> toner, the bizhub PRESS C1100 and C1085 series is able to realise optimal productivity with rated print speed up to 100 ppm and 85ppm (prints per minute) regardless of media types. It support continuous high speed printing up to 350 gsm cardstock with automatic duplex printing. Improvements to the fusing roller have enabled expansion of the fusing belt contact area, realising greater optimisation to achieve speedy and homogenised heat transfer. The stable high speed production performance makes it possible for you to meet tight deadlines and bring your printing business to the next level.



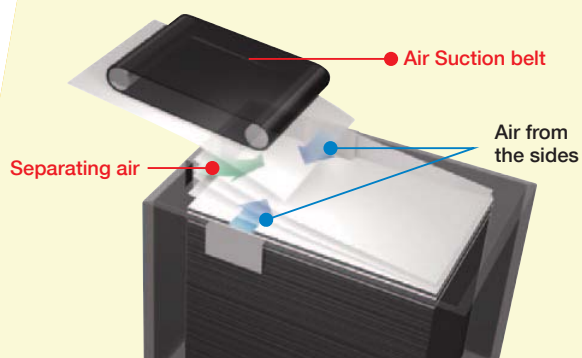
## HIGH IMAGE POSITIONING ACCURACY

The new bizhub PRESS series is also equipped with high-precision registration technology which combines the existing paper skew detection and auto-correction mechanism with an interim roller nip release, and a registration unit skew correction mechanism.

## ENHANCED PAPER FEEDING MECHANISM

The bizhub PRESS C1100 / C1085 series has been designed to expand your print capabilities. Besides air-assist function, an improved air suction paper-feed technology is incorporated in the [PF-707/PF-708]\* paper-feed unit. An air stream is applied from the front to separate the paper, which is then adhered to the suction belt for conveyance. Optimised air control and improved bonding area during paper feed ensures more accurate and stable paper feed for thin and thick coated media.

\*optional



### Superiority of Suction Type Paper Feed

- Resistance to the effects of paper dust prevents miss-feeding.
- The long maintenance cycle ensures reduced down time.



## SETTING OF LARGE VOLUMES OF HIGHLY-VARIED PAPER TYPES

With all options mounted, the paper feeding system can be expanded to handle 9 highly-varied paper types with a maximum input paper capacity of 13,890 sheets and maximum output capacity of 10,000 sheets. Tasks such as paper replenishment and removal can be performed during printing, enabling the processing of high-volume jobs with ease.





# STABLE HIGH QUALITY REPRODUCTION

## SIMITRI HD<sup>E</sup> TONER

bizhub PRESS C1100 / C1085 incorporates Simitri HD<sup>E</sup> Toner, a newly-developed toner that provides improved image quality and energy-saving performance. The 3-dimensional structure containing functional polymers ensures a high level of compatibility with all types of media and enables achievement of ideal natural textures. In addition, it requires only a small amount of heat for fusion, contributing significantly to reductions in power consumption.



## TONER PARTICLES WITH 3D HYBRID STRUCTURE

### COLOURANT

Improved colour reproducibility in red region and fade resistance. Enhanced half tone and skin tone quality thanks to improved granularity.

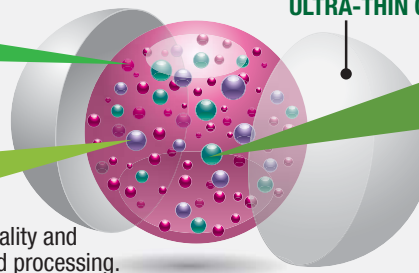
### FUNCTIONAL POLYMER

Produces an effect that improves image quality and reduces energy use. Also allows high-speed processing.

### ULTRA-THIN CORE-SHELL

### SHARPMELT WAX

Produces an effect that improves image quality and reduces energy use.



## Long-term Image Stability with Colour Density Control

The bizhub PRESS C1100 / C1085 series features the inline Color Density Control (CDC) to ensure optimal image quality and consistency even on the long run production. A density sensor and colour feedback system that uses a new algorithm is mounted in the Relay Unit [RU-511]. The improved technology is capable of measurement both CMYK and RGB patches automatically without human intervention, assures you to deliver perfect consistent colour reproduction with no downtime.

# S.E.A.D IV (SCREEN ENHANCING ACTIVE DIGITAL PROCESSING) CUTTING-EDGE IMAGE PROCESSING



Thanks to the advanced S.E.A.D. IV image processing technology, you can easily reproduce the finest details to impress your customer now. The bizhub PRESS C1100 / C1085 series applies dot position control (DPC) to left, right and center dotting points for each individual pixel. As a result, processing at 1,200 dpi produces resolution equivalent to 3,600 dpi – which helps minimize the fattening of lines or outline fonts.

S.E.A.D IV technology together with the flexible screen processing, S.E.A.D IV enable the flexible screen processing enable the achievement of smooth graduations and true life-like image quality output.

## FLEXIBLE SCREEN PROCESSING

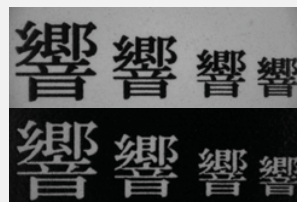


DOT190 (DEFAULT)

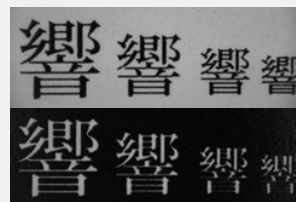


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## OUTLINE PROCESSING



WITHOUT LINE-THINNING PROCESS



WITH LINE-THINNING PROCESS





## TECHNOLOGIES HIGHLIGHTS

### READY-MADE PRINT PRODUCTS

- 50-sheet booklet making with front trimming
- Perfect binding for books of up to 30 mm
- 100-sheet stapling with cutting mechanism
  - » For highest automation and enormous productivity
  - » For more profit in the print room

### DURABLE PERFORMANCE

- Maintain rated-speed output from 55 to 350 gsm

#### **bizhub PRESS C1085**

- Up to 85 A4 pages per minute
- Up to 43 SRA3 pages per minute

#### **bizhub PRESS C1100**

- Up to 100 A4 pages per minute
- Up to 50 SRA3 pages per minute

### HIGHEST RELIABILITY

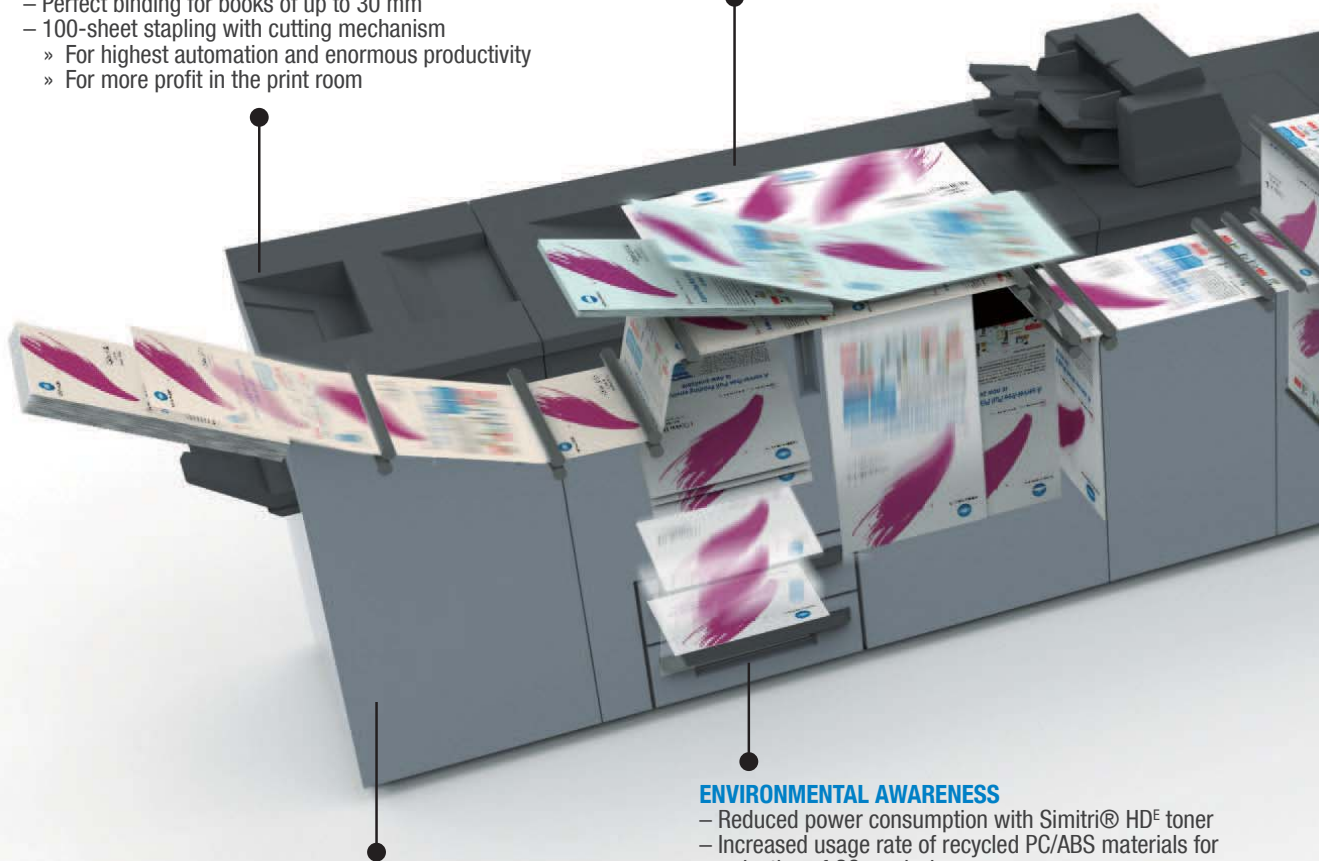
- Long-life platform, long-lasting parts and consumables
- Accurate front to back registration
- New Large Belt Fusing with fusing belt steering mechanism
  - » For prints with maximum efficiency
  - » For lucrative short-run printing

### GEARED-UP FINISHING

- 6 different types of folding
- Large stacking
- Perfect binding
  - » Minimised human interaction
  - » For optimised budgets

### ENVIRONMENTAL AWARENESS

- Reduced power consumption with Simitri® HD<sup>F</sup> toner
- Increased usage rate of recycled PC/ABS materials for reduction of CO<sub>2</sub> emissions
  - » For reduced environmental impact
  - » Improved efficiency based on green values





### HIGH-END PRINT CONTROL

- Flexible choice of controller technology:  
Proprietary Konica Minolta IC-602C controller  
and EFI IC-308 and IC-310 controllers
- Integration into hybrid workflows
  - » For intuitive operation
  - » Saves time and money

### EASE OF USE

- Automated real-time engine calibration
- Simple paper catalogue settings
- Operator Replaceable Unit Management
  - » For maximum ease of operation
  - » Frees operators for other jobs

### SOPHISTICATED MEDIA HANDLING

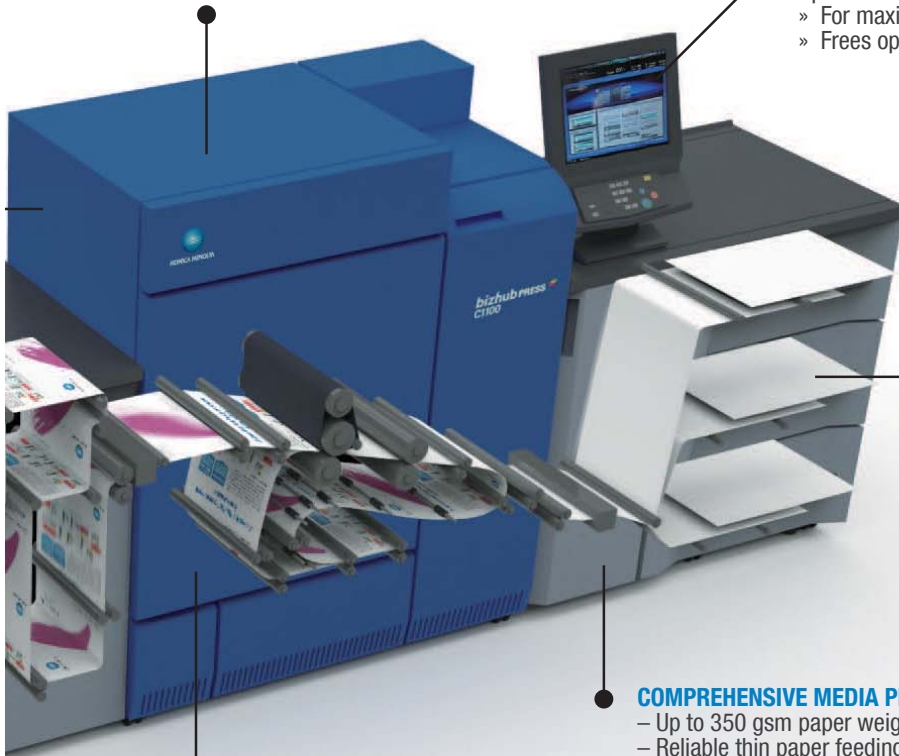
- Air-suction feeding technology
- Up to 13,890 sheets paper input capacity
- Up to 9 paper input trays
  - » For enhanced overall productivity
  - » For extreme cost savings

### COMPREHENSIVE MEDIA PROCESSING

- Up to 350 gsm paper weight in simplex & duplex printing
- Reliable thin paper feeding through air-blow fusing separation
- Mechanical decurling
- Optional inter-cooler curl eliminator
  - » For highly flexible print products
  - » To stand out from the competition

### PERFECT IMAGE QUALITY

- S.E.A.D. IV technology and 1,200 x 1,200 dpi x 8 bit  
resolution equivalent to 1,200 x 3,600 dpi)
- Simitri HD<sup>E</sup> toner technology
- Automatic image density control technology
  - » For new print applications
  - » For growing your business





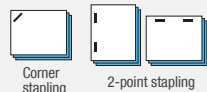
# COMPREHENSIVE RANGE OF FINISHING OPTIONS

## All-in-one finisher (FS-532)

\* Optional

FS-532 stapling finisher with staple cutter provides stapling for up to 100 sheets<sup>\*\*</sup> for beautiful finishes regardless of the number of sheets through enhanced paper output consistency and a refined paper path. And a choice of three sub-options can be fitted to expand the system when required.

<sup>\*\*</sup> Stapling for up to 50 sheets for A3 paper.



Corner stapling

2-point stapling

**Staple cutter**  
Cuts excess staple needles so they do not overlap with each other.



### Expansion Options



#### Saddle stitcher (SD-510)<sup>\*\*</sup>

Use for saddle stitching, multi-letter-fold and centre-fold.



Saddle stitching

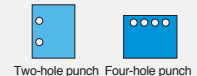
Centre-fold

Letter-fold



#### Punch Kit (PK-522)

Two- to four-hole punching for paper up to 300 g/m<sup>2</sup>.



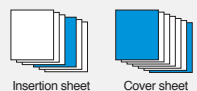
Two-hole punch

Four-hole punch



#### Post Inserter\* (PI-502)

Add cover sheets and insertion sheets. Includes settings for two types of paper.



Insertion sheet

Cover sheet

\* Mount Kit (MK-732) required for installation.

\* Some options may not be installed, depending on the combination of the options.

\*\*Saddle stitches up to 25 sheets for 100 page booklets.

## Multi-folding unit (FD-503)

\* Optional

FD-503 provides a variety of folding functions, including centre-fold, letter-fold-in, letter-fold-out, double-parallel, Z-fold and gate-fold for creating materials such as direct mailings, as well as two or three-hole punching. A paper inserter for setting two types of paper is also equipped.



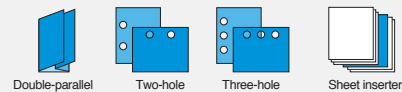
Centre-fold

Letter-fold-in

Letter-fold-out

Z-fold

Gate-fold



Double-parallel

Two-hole

Three-hole

Sheet inserter



## Saddle Stitcher (SD-506)

\* Optional

Effective for manuals and catalogues in small lots, SD-506 creates booklets of up to 50 sheets (200 pages). And the saddle-stitching system increases folding strength and accuracy, reducing paper offset during binding. In addition to multi-centre-fold and multi-tri-fold, a trimming function for creating clean-cut booklets is standard equipped to streamline post-processing tasks including bookbinding.



Multi-centre-fold

Multi-tri-fold

Saddle stitching



**Trimming**  
Automatic trimming produces clean booklets during saddle stitching.



## Perfect Binder (PB-503)

\* Optional

Perfectly binds up to 300 sheets (600 pages) or up to 30 mm thick. Cardstock up to 216 g/m<sup>2</sup>\* can be used for the cover, and inline printing and gluing is also available. Advanced paper alignment realises clean binding that eliminates three-way trimming, along with high productivity. In addition, books are automatically loaded onto the cart when finished.

\* Max. 91 g/m<sup>2</sup> for the inner pages when using a cover.



Perfect binding



Z-fold insertion\*  
(max. 4 sheets)  
\* With FD-503 installed.



## Large capacity stacker (LS-506)

\* Optional

The LS-506 is designed to streamline operations with a capacity for 5,000 sheets and includes a cart. Up to two units can be installed side-by-side for a total capacity of 10,000 sheets, and finished documents can be taken out with the cart for easy transport to the next step. A sample ejection function allows quality checking to be made during large volume printing.



# MORE EFFICIENT; GREATER PERFORMANCE

The bizhub PRESS C1100 / C1085 series offers a broad range of print controllers to fulfil different print environment demand. These controllers are built on the latest system architecture with features and specific options that can grow your capabilities in digital colour.

The Konica Minolta propriety print controller, IC-602C has been designed as a powerful print controller that integrates with the PRESS systems, offering leading functionality and control at system operator panel. The intuitive Job Centro module allows job management functions like page integration, job combination and various changes to files without re-sending the job to the controller, saving time and effort. Besides, you can rely on the powerful colour management module, Color Centro to perform greater colour adjustment and achieve colour reproduction accuracy.

Developed based on the advanced Fiery system, the EFI IC-308 and IC-310 server controller are also available for the capabilities of fast processing speed, outstanding colour and efficient workflow automation to streamline processes and increase productivity. EFI Command workstation is a critical user interface that gives control functionality to all the EFI print controllers.





### **Regional Headquarters**

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### **Presence in the region**

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Laos . Malaysia . Mauritius . Myanmar . Philippines .

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### **Konica Minolta Business Solutions Asia**

Konica Minolta Business Solutions, a leading company in advanced document management technologies and solutions for the desktop to the print shop, brings together unparalleled advances in security, print quality and network integration via its award-winning line of bizhub® multi-function products (MFPs); bizhub PRESS® and bizhub PRO® production print systems; magicolor® color printers; and pagepro® monochrome printers. Konica Minolta also offers software solutions and optimised print services to reduce document output cost, improve productivity and optimise office environment, backed by impeccable service and support team.

Konica Minolta adopts a proactive effort in reducing global environmental impact through its green product lifecycle. In line with its core message "Giving Shape to Ideas," Konica Minolta endeavours to respond to its customers' needs across the world with relentless creativity, innovation and advance technology.

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**FOR THE EARTH. FOR THE FUTURE.**