The New Road for Digital Press Begins Here

“Harmonising with offset printing.” Konica Minolta believes that this is precisely what digital press has to do to move forward. Moreover, digital press must strengthen its capabilities. The all-new bizhub PRESS C1070/C1060 were designed from the ground up to meet these goals. The engine and paper conveyance path are completely redesigned, and most importantly, media handling and productivity are now better than ever. And genuine Konica Minolta technologies including Simitri toner and the image processing system are further refined to achieve high image quality that rivals offset printing.

The bizhub PRESS C1070 series – maximising digital printing with higher scale state-of-the-art performance.

S.E.A.D. IV is Konica Minolta’s original and latest image processing technology. By working closely with the image formation process, S.E.A.D. IV harmonises “productivity,” “image quality” and “stability” by fully leveraging the functions of the C1070 series to process images with pinpoint accuracy.

Simitri HD Toner
New Simitri HD digital toner takes image quality and energy savings to the next level. Using a three-dimensional hybrid structure containing functional polymer, the toner offers a high follow-up for almost any type of media, achieving the optimal and most natural textures. And lower temperature fusing offers greater energy savings.

All-New System
New technologies that meet the demands of professionals.

Outstanding media handling
A redesigned paper conveyance path delivers surer and more stable productivity as well as greater reliability from the paper feeding section to the fusing section right through to the finishing route. And with the capability to handle a wider range of media, the bizhub PRESS C1070 series provides support beyond the realms of conventional digital printing.
Bringing new possibilities to the digital printing business

That’s the Multi-Role Digital Press

“Value” that meets expectations

Delivering value through just-as-anticipated finishes with stable quality.

“Handle more” at higher standards

Take on more orders, handle more media.

“Sustainable” for the environment

A thoroughly environmentally sustainable design because it’s a production machine.

"Control" jobs more smoothly

Boosting confidence by meeting printing industry standards.

“Accomplish” more

Value-added productivity, all for profitability.

* The photos of the bizhub PRESS C1070/C1080 on the cover and this page are shown with options.
“Value” that meets expectations
High image quality and precision that rival offset printing. Empower your business with finishes beyond your imagination.

High Quality
The thorough pursuit for offset quality

High resolution technology for beautiful reproductions

- 1,200 dpi x 8-bit high quality & precision
  Reproduce minute text and thin lines clearly as well as rich colour gradations even for colour images through synergy with 1,200 x 1,200 dpi high-resolution printing and Simitri HD™ toner.

■ 256-step 8-bit processing controller and engine
  Eight-bit multi-gradation data processing flow for each colour displays 256-step gradations within a single pixel. Both colour and monochrome data can be processed in 1,200 dpi x 8-bit resolution.

Optimise print quality according to the output material

■ New FM screen processing
  FM (Frequency Modulation) screen processing fully leverages the C1070 series’ 1,200 dpi resolution. Improved 1,200 dpi FM screens with enhanced resolution and granularity eliminate jaggedness and moiré for smoother reproductions. In addition, the optimal screen processing can also be selected to match the quality required for the output based on the dots and lines.

- Differences in screen processing
  | Dot190 (default) | Screen (FM1) |

Precise outline processing

High precision outline processing practically eliminates blurs and raggedness of lines, normally associated with digital printing, to reproduce text details in higher definition. Quality is even improved for outputs that combine coloured text with thin lines and sharp outlines.

- Text reproduction with outline processing on/off
  | Outline processing OFF | Outline processing ON |
  | Thinning processing OFF | Thinning processing ON |

High image quality and precision that rival offset printing. Empower your business with finishes beyond your imagination.
**High Precision**  Take duplex printing, folding, and trimming to the next level

**Enhance print position accuracy**

The newly developed registration swing mechanism is standard-equipped with a centring detection sensor on the registration portion of the engine to provide high-precision centring correction.

The paper position is corrected by reversing the roller and pressing it against the paper.

**Stability**  Consistent and stable outputs from the first print to the last

**Further improved colour reproduction stability**

This function controls image stability in short intervals during continuous printing by detecting density correction patches on the intermediate transfer belt and dot diameter correction patches with the IDC sensor, providing stable high quality outputs for a wide range of densities. (Operates only when the Stabilization Adj Operation Setting is set at "Stability")

**Real-time colour calibration**

This function controls image stability in short intervals during continuous printing by detecting density correction patches on the intermediate transfer belt and dot diameter correction patches with the IDC sensor, providing stable high quality outputs for a wide range of densities. (Operates only when the Stabilization Adj Operation Setting is set at "Stability")

**Konica Minolta’s proven auto calibration system**

Correct the gradation density to match the characteristics of the output paper. Auto calibration offers up to 15 correction values according to paper or screen type. In addition, a mode that measures RGB as well as CMYK for the target colour further enhances accuracy.

**Enhanced colour density adjustment function with Relay Unit RU-509**

Correct the gradation density to match the characteristics of the output paper. Auto calibration offers up to 15 correction values according to paper or screen type. In addition, a mode that measures RGB as well as CMYK for the target colour further enhances accuracy.

**Auto-refining developing system**

Adopted for all four colours, auto-refining developing delivers stabilised high quality even for full colour images. New carrier along with the toner is regularly supplied to refresh the developer, stabilising the developer condition to maintain high quality outputs over the long term. Its longer life also helps to minimise downtime.

**Stable developer performance. Stable image quality**

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**Auto calibration adjustment patterns**

1. CMYK only
2. CMYK + RGB

* Optional. Equipped in RU-509
“Handle more” at higher standards
Expand the range of orders with higher productivity and diverse media handling. Create new business opportunities with a wider range of applications.

High Productivity  Flexibility to deliver with speed

Quick turnaround

**High productivity at 71 pages per minute**
At 71 ppm*1 for the C1070 and 61 ppm*1 for the C1060 in both colour and monochrome, the C1070 series boosts productivity to meet large orders with ease. And with 38 ppm*2 productivity for A3 size outputs, booklets and imposition data can also be processed right away.

*1 A4 crosswise using 62 to 176 g/m² paper.  *2 Using 62 to 176 g/m² paper for C1070.

Enhanced thick paper productivity

**Equal speed productivity for 62 to 176 g/m² paper**
Productivity is now even more efficient, whether using normal paper or coated, and for simplex or duplex printing, thanks to the improved fusing unit and process control. The C1070 series maintains high-speed outputs of 71 ppm* for paper up to 176 g/m², boosting productivity even for mixed media.

* A4 crosswise for C1070: 61 ppm for C1060.

**High capacity plus high efficiency paper feeding maximise uptime**

**Max. 7,500-sheet paper feeding capacity**
In addition to the 1,500-sheet capacity main unit trays, three types of paper feeding units are available for a maximum capacity of 7,500 sheets. Paper can be replenished on the fly to minimise downtime and maximise productivity regardless of the printing volume. A Multi-bypass Unit (MB-506) is also available for manual paper feeding.

* Multi-bypass Unit (MB-506) can be used with the Paper Feeder Unit (PF-707 or PF-602m) removed.
* Using 80 g/m² paper for all units.
The newly developed Suction Feeder PF-707, which was previously only supported for mid-production models, is now available for the bizhub PRESS C1070 series. The air assist function blows air from the sides and front to raise each sheet of paper to stick on the suction belt for conveyance, realising stable and damage-free paper feeding, even for thick and coated sheets.

**Stabilised paper conveyance**

**Air suction belt paper feed system (PF-707)**

The newly developed Suction Feeder PF-707, which was previously only supported for mid-production models, is now available for the bizhub PRESS C1070 series. The air assist function blows air from the sides and front to raise each sheet of paper to stick on the suction belt for conveyance, realising stable and damage-free paper feeding, even for thick and coated sheets.

**Eliminate paper curls and static**

**Hybrid decurler**

Create a hybrid curl correction system to prevent paper curls by combining the Relay Unit (RU-509), which employs a mechanical decurler, with the optional Humidifier Kit (HM-102). Paper curls can be optimally removed according to paper type, such as the mechanical decurler for coated sheets and the humidifying curler for non-coated sheets. The decurl amount can be adjusted manually, and responds flexibly to the changes in conditions.

**Mechanical decurler**

Standard equipped Relay Unit (RU-509) employs a zigzag paper passage that reduces paper curls. Decurling strength can be adjusted in five steps for the optimal curl removal for thin paper to cardstock.

**Humidifier type decurler**

In addition to removing curls using humidification for uncoated paper, HM-102 controls paper absorption by removing heat and minimising static electricity.

**Postcard printing**

Install the required options for high-volume postcard-size printing including direct mailings and invitations. Use with variable printing to create new business opportunities.

**Envelope printing**

Expand your business opportunities by taking on new orders. The Envelope Fuser Unit (EF-103) supports printing for 100 x 148 mm to 248 x 375 mm envelopes. The optimally designed fusing roller almost eliminates wrinkles and ruffling, and the suction type paper feeder unit ensures pickup and conveyance from start to finish.

*With optional Relay Unit (RU-509) and Humidifier Kit (HM-102) installed.

*Supported with optional Paper Feeder Unit (PF-707/PF-602m) or Multi-bypass Unit (MB-506) installed.

*With optional Paper Feeder Unit (PF-707).

*Envelope Fusing Unit must be installed by the customer. Please contact your local Konica Minolta service provider for information regarding applicable envelope types.
"Control" jobs more smoothly

Advanced colour management that meets printing industry standard.
High-level colour management on par with offset printing.

Proven colour management with high affinity with the engine

Konica Minolta Image Controller (IC-602) * Optional

Professional image quality

IC-602 employs Konica Minolta’s proprietary colour management developed especially for commercial printing.

APPE 2*

Adobe’s original APPE 2.6 (Adobe PDF Print Engine 2.6) directly processes PDF files without having to access a printer driver for a proper transparent effect.

* Supported only when upgrading.

Control panel job management and editing

Manage jobs, edit job tickets and pages with outstandingly intuitive and efficient operations. Furthermore, tone curves can be adjusted using the same operations as Color Centro.

Job ticket editing screen
Change detailed output settings including paper type and number of copies.

Page editing screen
Change the configuration and paper settings of insertion pages, and confirm details with the preview display.

Tone curve adjustment screen
Tone curves can be adjusted from the main unit’s control panel using the same operations as Color Centro.

Job Centro
(job management utility)

Manage jobs from the PC’s interface. The screen includes indicators and thumbnails to make operation more efficient.

Job management screen

Color Centro (colour management utility)

Create colour profiles and set and edit various colours with this ingenious colour management software.

Tone curve adjustment

Alternative colour

This function replaces a specific input colour value with an alternative colour value.

CTP workflow RIP connectivity

CTP workflow connectivity with bizhub PRESS is realised via JDF.

CTP Workflow Integration with bizhub PRESS
Multi-functional controller with proven interface, imposition and more

**Fiery Image Controller (IC-308)** *Optional

**Fiery Image Controller (IC-415)** *Optional

### High-speed processing & high image quality

Achieve high-speed processing with 1,200 dpi x 8-bit ripping and a 71 ppm (A4 crosswise) print engine. In addition, a wide choice of colour profiles lets you manage colours the way you want.

### Variable printing (IC-308) (IC-415)

Variable printing, including Fiery FreeForm, PPML* are supported, making impositions easier for more efficient processing.

* PPML only available for IC-308

### APPE 2 (IC-308)

The new rendering engine APPE 2.5 (Adobe PDF Print Engine 2.5) offers transparent effect processing of PDF files as standard.

### Command WorkStation 5 (IC-308) (IC-415)

Mange jobs effectively with both the Job Centre and Device Centre screens from your PC.

- **Job Centre**
  - Integrating all job management functions
  - Direct drag & drop operations
  - Grasp job and server information on the same screen
  - Customisable tool bar to match usage functions
  - Full-screen job preview before and after RIP processing

- **Device Centre**
  - Aggregating server setting functions in a single screen
  - Universal profile simulation settings using intuitive colour setting tools
  - Paper catalogue for tray settings from either the device or controller
  - Efficient job log management function

### Additional apps for printing operations *Optional

- **SeeQuence Impose (IC-308) (IC-415)**

Create impositions of print jobs for variable data, in addition to business cards and saddle-stitched booklets. Also available for Mac OS.

- **Graphic Arts Package, Premium Edition (IC-308)**

Includes data checking functions such as Image Viewer, Preflight and Postflight, a colour correction function, halftone screen function for changing halftone angles, shapes, the number of lines, and more.

- **EFI Color Profiler Suite (IC-308) (IC-415)**

Create, edit and manage the quality of the ICC profile required for colour management.

- **Profile Creator**

Use ES-2000 to create ICC profiles for each device easily.

- **Profile Editor**

Edit ICC profiles such as sharpness, contrast, grey adjustments and neutral point adjustments while viewing their details on the screen.

### Colour management (IC-308) (IC-415)

Performs colour management for CMYK, RGB, spot colours and more, regardless of the application or file format for conducting colour management according to purpose, such as for proofing or the production of the final product.

- **Spot-on/Alternative colour**

Use intuitive colour setting tools to create impositions of print jobs for variable data, in addition to business cards and saddle-stitched booklets. Also available for Mac OS.
**Value-added Productivity**

“Accomplish” more

Improve profitability by maintaining high value-added productivity. Expand with the same options used in the higher end devices for a sophisticated yet compact system.

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

FS-532 stapling finisher with staple cutter provides stapling for up to 100 sheets** 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.

* Stapling for up to 50 sheets for A3 paper.

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**Saddle Stitcher (SD-506)**

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.

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**Multi-folding unit (FD-503)**

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.

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**Large capacity stacker (LS-505)**

The LS-505 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.

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**Stapling Finishers (FS-531/FS-612)**

Ideal for producing marketing collateral and corporate documents, these compact units staple up to 50 sheets* of paper and can be expanded with the optional PK-512/513 Punch Kit and/or PI-502 Post Inserter. FS-612 also offers centre and letter folding capabilities and saddle stitches up to 20 sheets* for producing 80-page booklets.

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**Mouse-supported control panel**

Easy to see and operate, the 15-inch large screen display allows the display angle to be adjusted to match the user, and ensures outstanding operability with the user-friendly GUI and guide messages, even for various settings. A USB mouse can also be connected to ease operability.
“Sustainable” for the environment

Green insights and ingenuity for more sustainable specifications. Focusing on social contribution, indispensable for today’s business.

Compact, lightweight with fewer parts

The bizhub C1070/C1060 are 17.5 percent* lighter and use fewer parts, yet still remain highly robust. CO₂ emissions have been reduced during production and transportation, and they help reduce environmental impact and conserve resources throughout their lifecycles.

* Compared to previous C7000.

Environmentally considerate materials

The C1070 series uses a high combination of recycled resins and bioplastics. Resources are effectively used and environmentally considerate materials are actively employed. A lead-free shaft is also adopted to protect the environment as well as the user’s health.

Energy-saving design

In addition to the energy-saving performance targeted by Simitri HD® toner, an optimised transfer process reduces fusing temperatures by about 20 degrees to reduce energy use.

Meeting ecological and environmental demands

KONICA MINOLTA products are designed with the environment in mind.

- Energy Star Certified
- RoHS Compliance
- WEEE Compliance
- Eco-friendly Toners
- Production at ISO Certified Factories

Environmentally considerate resource utilisation

Plant-based bioplastic and recycled polycarbonate/PET are proactively used for the main unit to reduce impact on the environment.
For more information please visit the bizhub Web site at http://www.biz.konicaminolta.com/production/c1070_c1060/index.html

Product appearance, configuration and/or specifications are subject to change without notice. This product is not available for some countries or regions.

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ISO15408 (EAL Level 3) Certification (Currently under application)
These products comply with the security requirements of ISO15408 (EAL Level 3).
* The ISO 15408 certification applies only to IT security capabilities. This certification is NOT a product guarantee.

Model shown is C1070/C1060 with options.