bizhub PRESS C1070/C1060
Enhanced accuracy and image quality, to meet the demands of digital professionals
A new generation of digital press for a new kind of print professional

Starting from a clean sheet, Konica Minolta has designed the bizhub PRESS C1070/C1060 to meet new generation digital challenges.

Especially engineered for print professionals, these machines offer outstanding colour reproduction, registration and stability along with excellent overall print quality. They can be configured for a wide range of tasks, with a comprehensive range of modular in-line finishing options. The bizhub PRESS C1070/C1060 is a complete new design using proven reliable technology and industry insight and experience.

Increase your profitability with maximum productivity

Dedicated to the needs of print professionals

The bizhub PRESS C1070/C1060 are newly designed to maintain high-level productivity in the toughest workflow environments.

• Highly reliable, flexible and productive with fast print speeds in colour and monochrome of 71 impressions per minute (C1070) and 61 impressions per minute (C1060).
• Featuring proven, advanced Konica Minolta precision print technology in hardware and versatile software, the bizhub PRESS C1070/C1060 delivers outstanding quality.
• Proprietary Konica Minolta developments like Simitri HD² and S.E.A.D. IV satisfy even the most discerning customers’ quality expectations.
• With impressive media flexibility, the bizhub PRESS C1070/C1060 meets virtually any print job request, including paper formats from A5 to SRA3 (max 330 x 480 mm) and weights ranging from 62 to 300 gsm.
• Advanced finishing facilities provide essential impact to boost customers’ business opportunities. With an extensive range of finishing options including booklet trimming and perfect binding, the finishing capabilities of the bizhub PRESS C1070/C1060 are truly comprehensive.

Helping printers to meet their environmental commitments

With all-round capabilities, the bizhub PRESS C1070/ C1060 boasts a number of features that reduce the impact on the environment.

• Konica Minolta promotes sustainable development and integrates environmental and social perspectives into its business strategies.
• As part of its zero-waste manufacturing concept, Konica Minolta strives to minimise the ecological impact of its products with efficient environmental activities throughout all stages of the product lifecycle.
Advanced colour processing technologies

Print providers and print professionals can now expect colour quality to rival offset printing – at a fraction of the cost. With their high-speed print/copy output, the bizhub PRESS C1070/C1060 are purpose-built professional machines.

A host of new technologies

**1200 x 1200 dpi and 8-bit multi-gradation processing**
High resolution with multi-gradation processing reproduces fine text and thin lines clearly, as well as rich colour gradations even for colour images, thanks to 1,200 x 1,200 dpi high-resolution printing and Simitri HD® toner. 8-bit multi-gradation data processing flow for each colour displays 256-step gradations within a single pixel.

**Superior screen technology for optimised print quality**
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.

**ITbit technology**
Outline processing improves the appearance of characters by thinning them so they do not appear thick. Contour processing helps to reproduce white characters on backgrounds with ideal proportions and reduces jagged edges of half-tone characters.

**SEAD IV with 3,600 dpi equivalent resolution**
With SEAD IV (the latest version of our Screen-Enhancing Active Digital Processing), the bizhub PRESS C1070/C1060 combines highly accurate laser exposure controls, ultra-fine Dot Position Control (DPC) pixel placement, and multi-bit screening to achieve 3,600 dpi equivalent resolution.

**Simitri® HD® toner saves energy and enhances quality**
The bizhub PRESS C1070/C1060 takes image quality and energy savings to the next level. Its new Simitri HD® digital toner has a three-dimensional hybrid structure containing functional polymer. It incorporates improved magenta pigment for superior reproduction of red hues, 10% higher overall percentage of pigment for superior quality in solid colour areas. This enables it to reproduce halftones more faithfully in both colour and B&W.

**Real-time colour calibration improves stability**
This function controls image stability in short intervals during continuous printing – by detecting density correction patches on the intermediate transfer belt. It uses the IDC sensor in real time, and greatly improves stability for a wide range of densities.

Advanced precision from the first print to the very last

**Auto-refining developing system for higher image stability**
Konica Minolta’s auto-refining developing, on all four colours, delivers long-term stabilised quality. To refresh the developer, new carrier is regularly supplied along with the toner. This approach helps stabilise the developer condition, ensuring high quality outputs are maintained.

**Registration swing mechanism for pinpoint positioning**
To provide high-precision centering correction, Konica Minolta’s newly developed registration swing mechanism utilises a centering detection sensor on the registration unit. Paper position is corrected by pressing the registration roller against the paper, enabling any variation to be detected by the centering correction sensor.

**Further improvements to colour stability**
Stable high quality colour outputs are provided for a wide range of densities. The real-time colour calibration function controls image stability in short intervals. It does this during continuous printing, by using the IDC sensor to detect density correction patches on the intermediate transfer belt and dot diameter correction patches.

In addition, by using the optional Relay Unit RU-509, the gradation density can be corrected to match the characteristics of the output paper. The RU-509’s auto calibration offers up to 15 correction values according to paper or screen type. It also includes a mode that measures RGB as well as CMYK to further enhance and fine-tune colour accuracy.

**Air blow and air suction for high simplex and duplex speeds**
In both simplex and duplex printing, on 62 to 176 gsm paper, high-speeds of 71 ppm (C1070) and 61 ppm (C1060) are aided by the paper feed’s air blow control – which gives greater reliability and better stock handling capabilities.
A new generation of Digital Printing

Outstanding media handling at every stage
A totally redesigned paper conveyance path delivers much more stable throughput. It assures greater reliability on the journey from paper feeding to the fusing section, right through to the finishing.

Excellent thin paper handling with air blow mechanism
Air is blown to the area around the fusing nip to facilitate smooth paper fusing.

Colour density calibration system
Within the Relay Unit RU-509, the gradation density can be corrected to match the characteristics of the output paper. Its auto calibration offers up to 15 correction values according to paper or screen type.

High-on-demand envelope printing
The Envelope Fuser Unit (EF-103) supports printing for 100 x 148 mm to 248 x 375 mm envelopes.

Network full colour scanning
Scanning can be achieved at up to 70 sheets per minute in both colour and monochrome. You can digitise hard copies of documents up to 297 x 431.8 mm.

Air suction belt feed system for stable paper conveyance
The optional Suction Feeder PF-707 is available for the bizhub PRESS C1070 and C1060. Its air function blows air from the sides and front to raise each sheet so it sticks onto the suction belt, resulting in damage-free feeding.

Up to 7,500-sheet paper feeding capacity
Three types of paper feeding units are available, in addition to the C1070 series’ main unit trays.

Real-time colour calibration improves stability
This function uses the IDC sensor in real time, and greatly improves stability for a wide range of densities.

Simitri® HD® toner for improved image clarity
Konica Minolta’s new Simitri HD® digital toner uses a three-dimensional hybrid structure containing functional polymer.

Easy toner replenishment with no downtime
To maximise operational efficiency, toner can easily be replenished even during printing and copying, reducing downtime and increasing productivity.

Large control panel for job management
The user-friendly 15-inch colour touch-screen display allows the display angle to be adjusted to match the user, and ensures outstanding ease-of-use. A USB mouse can also be connected.

Say goodbye to paper curls and static
For decurling, you can combine the Relay Unit (RU-509), which employs a mechanical decurler, with the optional Humidifier Kit (HM-102). This combination enables paper curls to be removed according to paper type.
Advanced finishing and increased efficiencies

Whatever the configuration, the bizhub PRESS C1070/C1060 combines impressive colour speed and superb quality output with durability, reliability and a streamlined, integrated design.

- By offering reasonable and sustainable running costs the bizhub PRESS C1070/C1060 significantly helps professional printers to ensure competitiveness and achieve attractive margins.
- The bizhub PRESS C1070/C1060 is available in over 40 different system configurations, all providing the same robust colour printing and comprehensive performance, whilst tailored to the flexible needs of individual professional user groups. All product versions are available as multifunction devices with scanning and copying functionality.
- The bizhub PRESS C1070/C1060 impresses with sophisticated paper processing capabilities. Providing up to 7,500 pages input and up to 13,600 pages output capacity, the digital presses process a wide range of substrates, including media weights of up to 300 gsm – whether coated paper, card or digital offset stock.
- To satisfy the diverse requirements of the most varied professional printing environments, the bizhub PRESS C1070/C1060 can be equipped with three different controllers that all guarantee fast and smooth processing of colour jobs.
- The external EFI controller IC-306 is a viable all-round system that supports the impressive workflow functionality with the latest Fiery technology and provides an intuitive, user-friendly interface between operator and digital press.
- The external CREO controller IC-309 is the perfect solution for VDP applications (Creo VPS) and an ideal choice for hybrid prepress workflows.
- The embedded Konica Minolta controller IC-602 offers affordable colour management, as well as seamless connection with a wide range of Konica Minolta applications. The highlight of the IC-602 is its complete integration with the bizhub PRESS C1070/C1060, with print job page imposition and changes at the operation panel.
- The embedded EFI controller IC-415 offers simple, affordable colour management and streamlined processing of print files to enhance the productivity of novice users and creative professionals. With its generous range of standard-setting colour tools.
All-in-one finisher (FS-532)
- Stapling finisher with staple cutter provides stapling for up to 100 sheets for beautiful finishes regardless of the number of sheets in each output set.
- A choice of three sub-options can be fitted to expand the system when required.

Multi-folding unit (FD-503)
- FD-503 provides a variety of folding functions, including centre-fold, fold-in, fold-out, double, parallel, Z-fold and gate-fold for creating materials such as direct mailings, as well as two or three-hole punching.
- Additionally, this unit is equipped with two post inserting trays as standard, extending the ability to cover, pre-print and other media post fusing.

Booklet making unit (SD-506)
- The booklet-maker provides added value as ideal finishing equipment for all kinds of saddle stitched and trimmed booklets, with a huge capacity of 500 sheets producing a 200 page booklet. It speeds up the online production of leaflets, brochures, catalogues and other marketing, sales and training materials.

Perfect binding unit (PB-503)
- This is the finisher for in-line production of all kinds of perfect-bound books. The functionality offers the insertion of z-folds and the inclusion of pre-printed colour covers and sheets.

Technical specifications

Printer specifications
- Print speed A4
  Up to 71 / 61 ppm
- Print Speed A3
  Up to 38 / 33 ppm
- Print resolution
  Max.: 1,200 x 1,200 dpi x 8-bit
- Gradients
  256 gradients
- System specifications
  Paper weight
  62 to 300gsm
  Duplex unit
  Non-staple type, 64-300gsm
  Paper sizes
  A5-SRA3 (Custom Size 330 x 487 mm)
  Maximum image area
  323 x 480 mm
- Paper input capacity
  Maximum: 7,000 sheets
  Main unit: up to 1,500 sheets
  PF-707: up to 4,000 sheets
  PF-602: up to 5,000 sheets
- Paper output capacity
  Maximum: 13,600 sheets
  Stacking unit with trolley: 5,000 sheets
  Large capacity tray: 3,000 sheets
  Per sub tray: 200 sheets
  Main unit dimensions (W x D x H mm)
  780 x 920 x 1,073 (only main unit)
- Main unit weight
  291 kg (only main unit)
- Controller specifications
  IC-602 enhanced Konica Minolta controller
  CPU
  Intel® Pentium 2.9 GHz
  RAM
  5 GB
  HDD
  1.3 TB Hard Drive
  Interface
  Ethernet (10/100/1000-Base-T) with IPv6
  File Formats
  PDF, TIFF, JPEG, XPS
  Client Environments
  Windows® 7/2000/XP/NT 4.0/Server 2003
  Macintosh OS 9.x and 10.x
- IC-300 external Creo controller
  CPU
  Intel® Quad Core i7-860 3.46 GHz
  RAM
  2 GB high-speed memory
  HDD
  250 GB SATA system and user disc:
  2x 250 GB SATA image disk space
  Interface
  Ethernet (10/100/1000-Base-T), NetBizBox2.01
- Authentication
  File Formats
  Adobe PostScript 3; Native PDF; EPS;
  TIFF: TIFF/FIT, JPEG, CIT-UK VPS PA, VPS 2.2
  Client Environments
  Windows® 7/2000/XP/NT 4.0/Server 2003
  Macintosh OS 9.x and 10.x
- Scanner specifications
  Scan speed A4
  Up to 70ppm
  Scan speed A3
  Up to 70ppm
  Scan resolution
  800 x 800 dpi
  Scan modes
  TWAIN scan; Scan-to-HDD; Scan-to-FTP;
  Scan-to- SMB; Scan-to-E-mail
  Scan formats TIFF (single and multi-page), PDF
- Copier specifications
  Copy speed A4
  Up to 71/61 ppm
  Copy speed A3
  Up to 38/33/3 ppm
- Gradients
  8-bit / 256 gradations
  FOCOT
  Less than 7.1 / 7.5 sec (colour A4)
- Magnification
  25-400% in 0.1% steps
- Multiple copies
  1–9,999
- Accessories
  Paper feed unit PF-707
  3 trays; Air suction feeding
  Paper capacity: up to 4,650 sheets
  Paper weight: 62-300gsm
  Standard paper size: A5-SRA3
  Min. paper size: 100 x 140 mm
  Max. paper size: 330 x 487 mm
  Paper feed unit PF-602
  2 tray; Friction Feed with Air separation
  Paper capacity: up to 6,000 sheets
  Paper weight: 62-256gsm
  Line Tray: Up to 300gsm
  Standard paper sizes: A5-SRA3
  Min. paper size: 100 x 148 mm
  Max. paper size: 330 x 487 mm
- Relay Unit RU-509
  Enhanced Productivity Unit
  Mechanical die-cutter
  Colour Density Sensor +Humidifier Unit H1A-102
  Humidification-de-curler unit
- Post inserter PI-502
  Pre-printed sheet post inserter option
  200 sheets x 2 trays