



KONICA MINOLTA

bizhub C4050i
bizhub C3350i

A4 Colour Multifunctional Printers

bizhub **i-SERIES**

RETHINK IT



C4050i

Colour 40 PPM
BW 40 PPM

C3350i

Colour 33 PPM
BW 33 PPM

Giving Shape to Ideas

TOMORROW'S WORKPLACE TODAY

A NEW WAY OF WORKING HAS ARRIVED

From an office hub to a partner that enhances your creativity.

As office documents become more digitised and data volumes increase, document management and access assume more importance than ever. Remote access and cloud integration also heighten the need for security.

Multifunctional Devices and Printers are now expected to connect people, places and devices simply and safely and create a new way of working.

We want to provide a new-value office that can be used intuitively by digital natives. That intent gave rise to the 2nd generation bizhub, the bizhub i-Series.

MFPs have transitioned from an office hub to “a partner that enhances your creativity”, one that meets your diverse workstyles and business needs.

Embrace this smarter, simpler way of working.





“i” changes the office of the future from a customer perspective

From an executive’s perspective

Konica Minolta supports corporate governance through our services

From an IT manager’s perspective

Assures IT security and reduces managerial burden

From a user perspective

Prioritising the User Interface for simplicity and ease of use

Delivering Simple, Secure and Convenient office work We innovate your business, processes and way of working



Simplifying work

The operation panel design has been updated to reflect familiar smart device operation. It offers the user a smarter way of working.

Thoroughly protecting office information

Improved security of large-volume office data, and paper documents, significantly reduces the burden on IT managers.

Always at the forefront

Konica Minolta’s remote service support governance and resolve executive concerns and issues.

**i-SERIES
SIMPLE**

SIMPLIFYING WORK



The User Interface has been completely revamped with an operation panel screen with smart-device-style operability. Operation has been simplified by narrowing down functions and screen transitions to frequently-used functions.

Easy-to-use, new operation panel design

The operation panel features a new simple GUI (Graphical User Interface) design. Features including no hard keys and panel vibration feedback reflect familiar smart devices and enable easy use of a variety of IT services. Simplicity of operation has been achieved by concentrating on frequently-used functions to minimise steps and screen transitions.



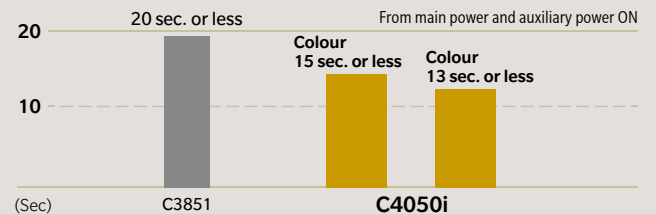
Switchable GUI operation panel with a choice of two panel styles

The bizhub C4050i Series can switch between two panel styles as required: the new GUI Basic Style characterised by simple operation, and the conventional Classic Style utilising advanced settings and functions.

Shorter warm-up time

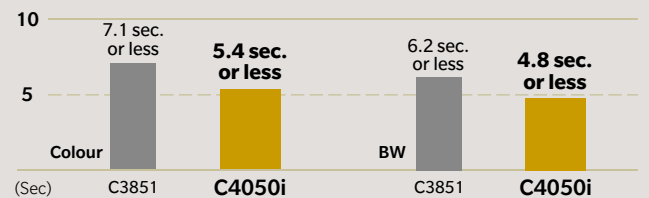
The warm-up time, from powering up to printing is kept within 13 seconds. First Copy Out Time, from when the copy button is pressed until the first copy prints, is 4.8 seconds or less. Panel reset time has also shortened greatly to about 1.5 seconds.

Warm-up time* comparison between previous model and bizhub C4050i



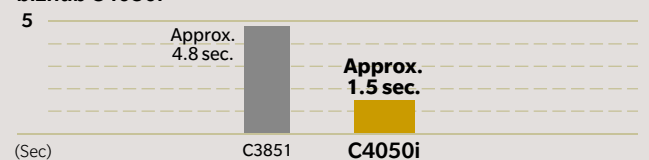
* 23°C, at rated voltage

First Copy Out Time* comparison between previous model and bizhub C4050i



*A4 horizontal, same scale, No 1 paper feed tray, importing from platen glass

Panel reset time comparison between previous model and bizhub C4050i





User friendly, large 10.1-inch touch panel

The 10.1-inch panel has been newly developed from the customer's perspective. It delivers better legibility and ease of operation for enhanced work efficiency. The multi-touch feature enables smooth, intuitive tablet-like operation. Touching the panel triggers vibration feedback, assisting panel operation by users who are visually impaired.



High-performance quad-core CPU

A high performance Quad Core 1.6 GHz CPU improves overall system performance over the previous model's dual core, 1.2 GHz CPU. The extra CPU cores mean efficient parallel processing of applications, and seamless operation of applications even during basic MFP's processing functions such as copying and printing.

Adjustable tilt operation panel

The operation panel can be freely tilted to a maximum 90° to suit individual users.



Compact design

The bizhub C4050i Series has a compact footprint of 420 mm width and 528 mm depth. Compared to its predecessor, width has been reduced by about 25% and depth by about 11%. Its size lends itself to use in settings such as corporate back offices, deskside in small home offices, or as a departmental machine in large offices.



i-SERIES SECURITY

THOROUGH PROTECTION OF OFFICE INFORMATION



User authentication, the cloud, and a variety of document data security functions lighten the burden on IT managers facing security issues with large-scale digital data and paper documents.

CS Remote Care

CS Remote Care is an advanced remote diagnostic and management platform that prevents, or swiftly responds to breakdowns to minimise machine downtime. Automatic data transmission of meter readings further simplifies management. Automatic reporting of breakdowns and managing the status of parts and consumables enable provision of support without bothering the user, and high-grade after-care, including automatic dispatch of toner as required.

* For more information, please contact your authorised Konica Minolta representative.

Encrypted SSD

bizhub C4050i series adopts a new 256GB encrypted SSD for heightened security functions. With very few device compatibility problems, and with full-time encryption, this constantly maintains a high level of security with no fuss.

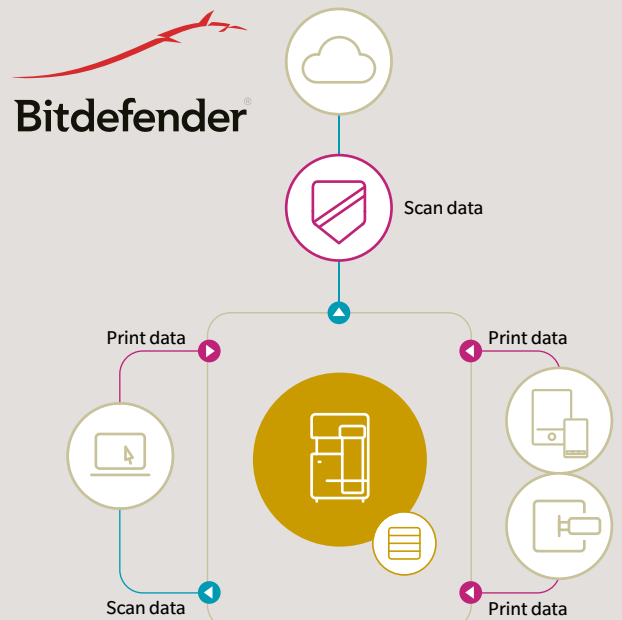
Secure printing

By setting a password for your prints on the printer driver screen, the document is stored on the unit's SSD until the same password is input into the unit's operation panel. The document is protected without being output until the password set for that job is matched. This is useful when you wish to output a vital document or give permission for limited users to receive copies.

Virus scanning

bizhub C4050i series can be equipped with optional robust antivirus software based on an embedded BitDefender scan engine to ensure safe connection to the MFP by the cloud, and to devices including PCs, tablets, and USB flash drives. Scanning individual files means much finer virus detection than with the whitelist method alone. Latent viruses in the office are discovered through checking and notification when files are input. Checking when files are output from the MFP also prevents dissemination of infected files. Further periodic checking of files in the MFP discovers risky files and detects latent risks in the MFP. Real time virus scan jobs are available for print, scan and fax functions, while manual or scheduled virus scans are possible for Box and SSD such as SMB folders.

*Requires i-Option LK-116.





Copy Protect Function

To prevent unauthorised copying, the Copy Protect Function that imprints special text, such as “Confidential” and the date, in an inconspicuous way in the background are available with bizhub C4050i series. This prevents leakage of unauthorised secondary copies and vital documents to third parties.

Encrypted PDFs

• Password encryption

Documents distributed in PDF form can be password encrypted.

• Digital ID encryption

Only authorised recipients with a private key can decrypt.

This ensures a far more robust level of security than the previous public key system.

*If encrypting with Digital ID, the email address (S/MIME send) to which the Digital ID has already been registered must be registered to the MFP's abbreviated address.

*Requires the i-Option LK-102 v3.

• Electronic signatures

Electronic signatures certify (MFP) document authors, and also guarantee that the document has not been changed and is valid. Certifications by third party organisations can also be used.

*When using electronic signatures, files should be encrypted using either a password or Digital ID.

*Requires i-Option LK-102 v3.

Recognised high-level security ISO/IEC 15408 certification

To objectively prove reliability of Konica Minolta MFP security functions, we have obtained the Common Criteria (CC) for Information Technology Security Evaluation (ISO/IEC 15408). For bizhub C4050i we plan to obtain CC certification for compliance with HCD-PP v1.0 (Protection Profile for Hardcopy Devices).

*Information security-related certification obtained for this product (and this system) demonstrates compliance with certification requirements as a result of evaluations based on specified evaluation standards and methods, but does not assure that the product (or the system) is completely without weaknesses.

**i-SERIES
SUSTAINABILITY**

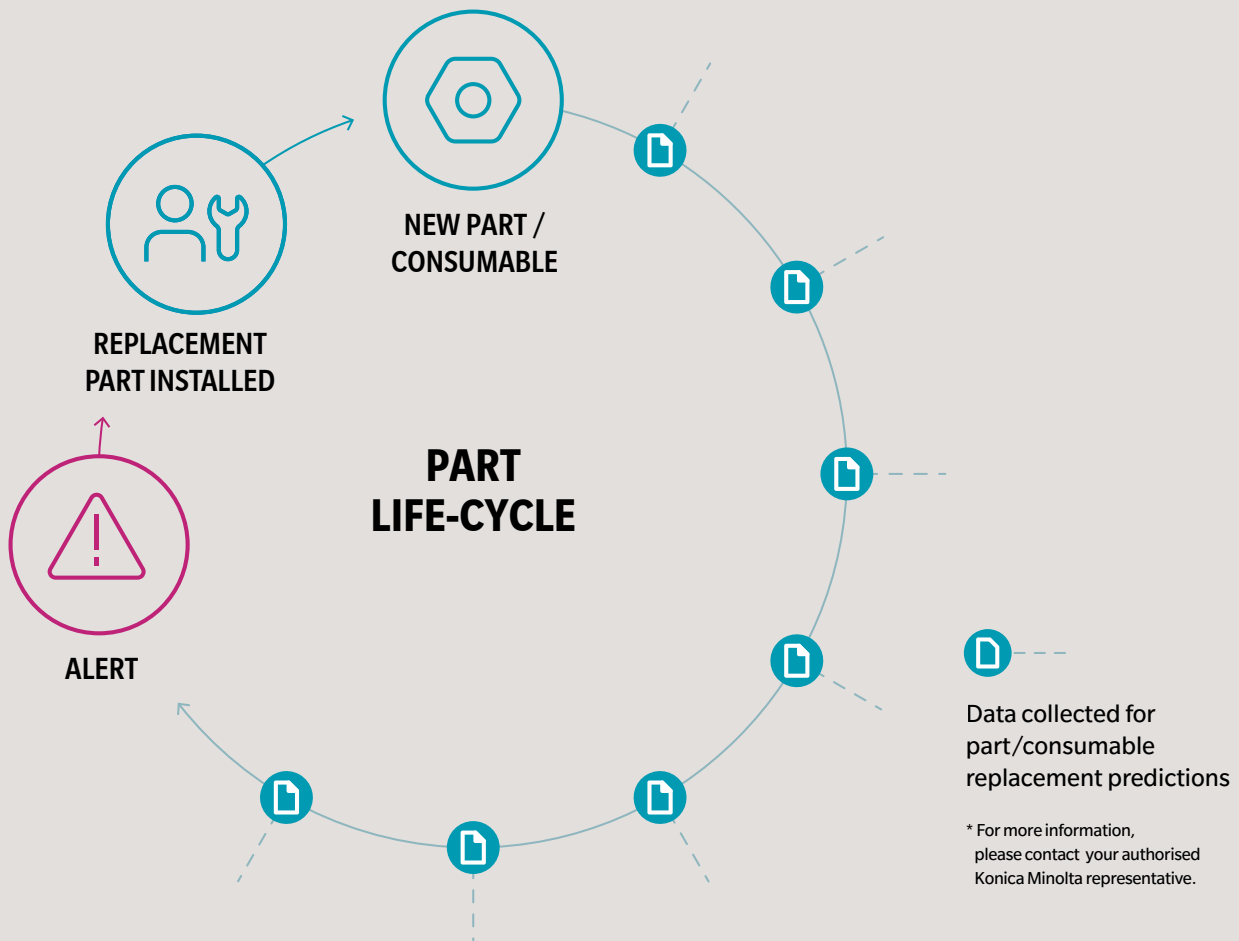
ALWAYS AT THE FOREFRONT

Konica Minolta remotely manages bizhub operating conditions and toner levels.



Worldwide Remote Service Platform

We developed new services leveraging IoT so users can focus on their core business. i-Series intelligently collects data for self-diagnostic and remote maintenance, as well as predicts the optimum replacement time for parts and consumable to minimise downtime.



MOBILE

Offers a new workstyle through advanced connectivity with mobile devices.



Mobile communications function

Connectivity with NFC-equipped Android devices

The operation panel has a mobile touch area compatible with NFC-equipped devices. Installing Konica Minolta Mobile Print on Android devices allows that device to be registered to bizhub. Just holding the Android device over the mobile touch area enables the selected file to be printed. Originals set in bizhub can also be scanned and saved to Android devices or cloud storage.

Where user authentication is enabled, just holding the Android device nearby allows log in.

*Requires the Android device to be equipped with OS4.4 or later.
*Requires a wireless LAN environment.

Bluetooth LE connectivity with iOS devices

Using Bluetooth LE (low energy), a bizhub close to the user can be searched and registered with Konica Minolta Mobile Print. As it is also supported with the iOS action button, printing and scan data sharing from various applications can be smoothly executed. Further, where user authentication is enabled, Bluetooth LE can be used to log in.

*Requires the device connection I/F kit EK-P09 option.
*Requires wireless LAN environment.

Supporting a range of print services



Konica Minolta Mobile Print

This is a mobile application offered by Konica Minolta. With a simple and intuitive user interface, connecting a mobile device with bizhub allows fast, secure scan data acquisition, saving to and sharing cloud storage, as well as document and image printing. Authentication Print and Secure Print are also supported enabling worry-free printing of confidential documents.



AirPrint

Apple's standard printing system which is supported from IOS4.2 and Mac OS X 10.7. Supported printers can be used via wireless LAN without installing applications on devices.



Mopria Print Service

Wireless technology offered by Mopria Alliance allows printing from devices equipped with Android 4.4 or later version.



Google Cloud Print

Printing can be executed from various locations via the Internet, regardless of OS or device, as long as the app is supported with Google Cloud Print.

*Requires Google Cloud Print Setup and Google account registration.



Konica Minolta Print Service

Direct printing via wireless LAN to bizhub from any device with Android 4.4 or later version.

COPY / PRINT

Equipped with advanced functions for colour MFPs.
Both Copy and Print functions exhibit outstanding performance.

High-volume paper input capacity

A 500-sheet large capacity paper feed unit and a 100-sheet multi-manual feed unit come as standard. Adding two optional 500-sheet paper feed units enables a maximum of 1,600 sheets*. Further installing the optional off-line stapler removes the effort of manual stapling.

*80 gsm paper



Lightweight paper trays

Paper trays open / close smoothly with a light press and pull motion. Trays can be removed for retrieval of jammed paper, which equates to less downtime.



Enhanced 1,200 dpi resolution

bizhub C4050i series achieves a 1,200-dpi print resolution with superb ability to reproduce small font sizes and fine lines. Such faithful reproduction capability improves document legibility and produces beautiful, high-quality print-outs.

*Slows down printing speed.

Adoption of colour matching, corresponding to “memory colour”

Printer driver colour settings have been revised to perform colour matching corresponding to default “memory colour settings”. “Memory colour settings” refer to colours that most people recall as being brighter and more saturated than reality.



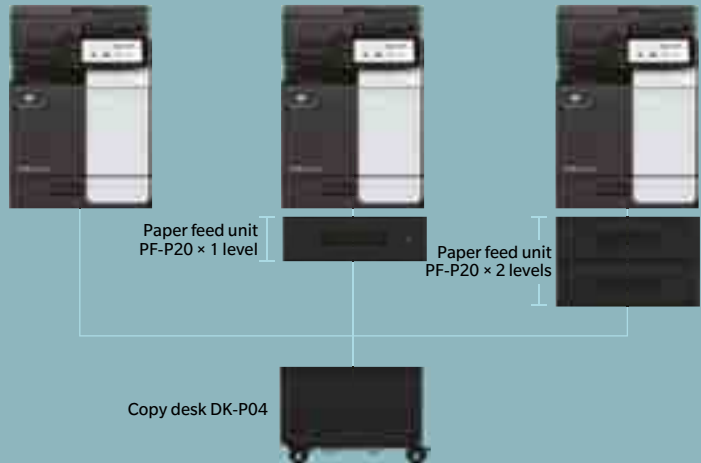
Conventional method



C4050i

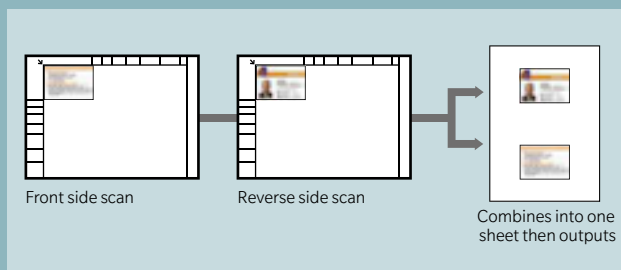
Fast print speed up to 40 ppm

Colour and monochrome printing up to 40 ppm (A4 portrait) enhance business efficiency and productivity. Cabinets and castors can be further customised to suit the office environment and usage settings. Configurations can be freely customised, from A4 submachines in large offices to small home office and shop machines.



Card Shot function

When copying both sides of an irregular-sized original such as a license or business card, the front and back sides of the card can be automatically arranged to be printed on the same side of one sheet.



Standard USB port

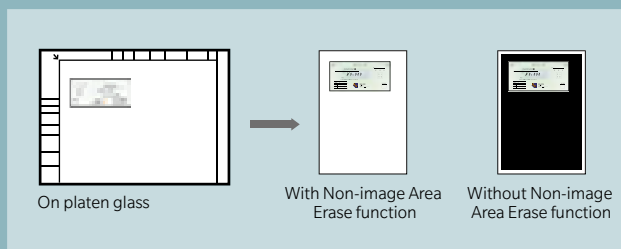
A USB port is standard equipment, located on the side of the main unit's operation panel. After inserting a USB flash drive, printing procedures pop up in the touch screen, and the flash drive data can be directly printed or saved to a box in the unit with a few easy steps.

- *May not operate correctly depending on the type of USB flash drive.
- *Supported file formats: PDF, compact PDF, JPEG, TIFF, XPS, compact XPS, and OOXML (.docx/.xlsx/.pptx).
- *Printing results may differ from the image on the PC screen.



Non-Image Area Erase function

When copying with the cover open, such as for thick books, the original is automatically detected and the shadowy area around the original is omitted. This saves excess toner consumption.



SCAN

Scan functions deliver high performance and high functionality from speed, quality and distribution to storage.

Outstanding scan performance

Automatic duplex, simultaneous scanning with an Automatic Document Feeder (ADF), achieves high-speed colour scanning of 90 ppm (45 double-sided A4 sheets per minute). Up to 80 sheets* can be set at any one time, significantly reducing scanning time and effort. The precision of automatic skew correction, which adjusts the angle of the scanned original, has been greatly improved to deliver highly accurate scanning with less skew.

*80 gsm

Double feed detection sensor

Applying ultrasonic waves to the original distinguishes a layer of air between each page and detects double feeds. When a double feed is detected, a preview of the original that has already been scanned will be displayed so that the job can be restarted without repeating the whole scanning operation from the beginning.

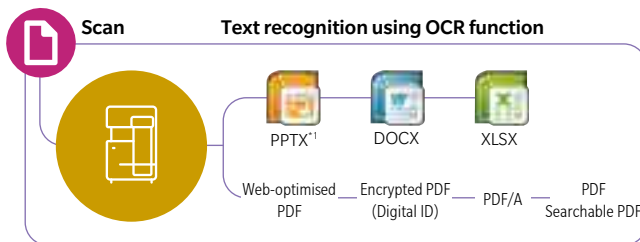
*Requires Upgrade Kit UK-P19 option.



Digitisation of paper documents

Documents can be scanned and converted to PDF or OOXML format files. File format can be selected according to the business and intended use, which broadens the scope of secondary use.

Scan to PDF / Scan to OOXML image (with LK-110 v2 installed)



- Applying OCR to a document produces searchable text
- Microsoft Office etc. enables reuse of images and text.

File conversion formats and required options (i-Option)

	LK-102 v3	LK-105 v4	LK-110 v2
PDF/A (long-term archiving)	✓		✓
Web-optimised PDF (linearised PDF)	✓		✓
Encrypted PDF (digital ID)	✓		✓
Searchable PDF (OCR)		✓	✓
OOXML file (extension: docx/.xlsx/.pptx) conversion			✓ ¹
OOXML file (extension: docx/.xlsx/.pptx) conversion +OCR		✓ ²	✓

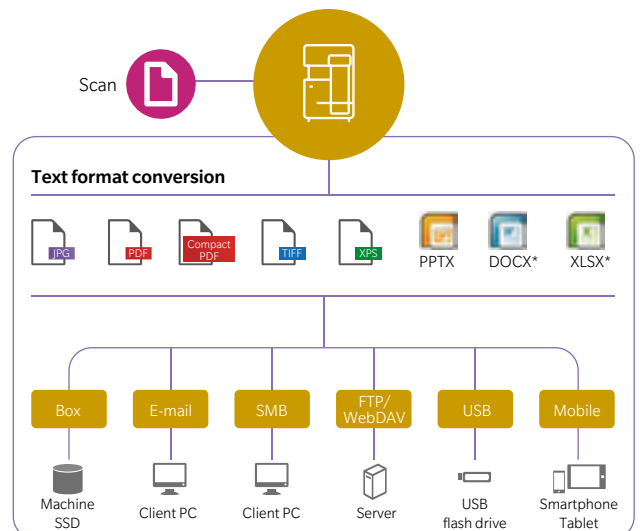
¹ pptx conversion is a standard function, but the OCR function requires either LK-105 v4 or LK-110 v2.
² Only compatible with pptx.

Scan to URL function

Equipped with a Scan to URL function which stores Scan data within the bizhub, then emails the storage destination URL to the user. This enables easy transmission of large volume data that cannot be attached to emails.

Improve scan job efficiency

Scanned originals can be converted to a variety of document formats according to the application and stored in the bizhub's box or a USB flash drive. They can also be sent and stored to a PC or server via email, SMB, FTP, or Web DAV.



* Requires i-Option LK-110 v2

ECO FRIENDLY

A range of environmental considerations, from outer case materials to power consumption.

Adoption of recycled materials

Konica Minolta has further refined our original chemical processing technology, which now uses recycled PC/PET for exterior and interior materials. As a result, use of recycled materials has increased to about 60%, as a surface area ratio. Proactive adoption of recycled materials contributes to effective use of resources and promotes corporate environmental protection.

*PCR (post-consumer recycling) ratio: is the proportion of materials collected in the municipality used in recycled materials.

0.5W sleep mode power consumption

Power saving logic has been improved, including turning off the CPU during sleep mode, to reduce sleep mode power consumption to 0.5W. In addition to helping reduce environmental impact, this is also effective in reducing TCO (Total Cost of Ownership).

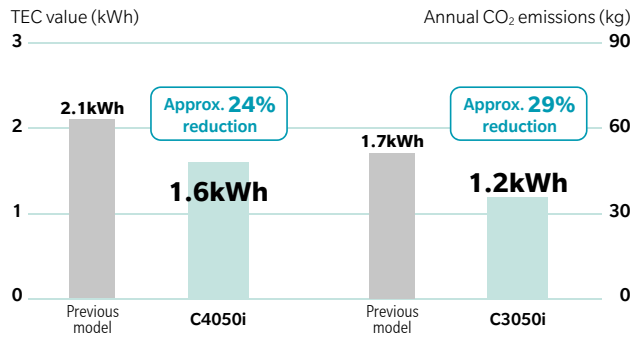
An original Green Products Certification System

One of Konica Minolta's initiatives to reduce environmental impact is the establishment of its original Green Products Certification System that evaluates product environmental performance. bizhub C4050i series has been certified as Green Products. In working towards a sustainable society, by setting such rigorous standards on our own products, Konica Minolta is striving for environmentally considerate technological innovation.

CO₂ emissions reduction

bizhub C4050i series features a power saving design that easily clears TEC values stipulated in the International Energy Star Program Version 2.0. Compared with the previous model, TEC values have been broadly reduced by about 24%. This reduction in TEC values has also significantly reduced CO₂ emissions.

TEC value comparison between previous model and bizhub C4050i series



*TEC value from International Energy Star Program Ver. 2 application

*Annual CO₂ emissions (TEC value x 1 year (52 weeks) x emission factor).
From November 2012 Press release by the Ministry of the Environment



OPTION DESCRIPTIONS

ENHANCED FEATURES

LK-102v3 PDF Enhancements	PDF/A (1b); PDF encryption; digital signature
LK-105v4 OCR text recognition	Searchable PDF and PPTX
LK-106 Barcode fonts	Supports native barcode printing
LK-107 Unicode fonts	Supports native Unicode printing
LK-108 OCR A and B fonts	Supports native OCR A and B font printing
LK-110v2 Document converter pack	Generates various file formats incl. DOCX, XLSX and PDF/A
LK-111 ThinPrint client	Print data compression for reduced network impact
LK-115v2 Trusted Platform Module	Trusted Platform Module for protection of data encryption and decryption
LK-116 Antivirus	Bitdefender® antivirus provides real time scanning of all in-/outcoming data

CONNECTIVITY

FK-517 Fax board	Super G3 fax, digital fax functionality
UK-221 Wireless LAN	Wireless LAN and wireless LAN Access Point Mode
EK-P08 USB I/F kit	USB keyboard connection
EK-P09 USB I/F kit	USB keyboard connection; Bluetooth
EK-P11 Interface cable for CSRC modem	GPRS modem connection for CSRC
ID card reader	Various ID card technologies
MK-P08 Mount kit	Installation kit for ID card reader

TECHNICAL SPECIFICATIONS

SYSTEM SPECIFICATIONS

Panel size/resolution	10.1" / 1024 x 600
System memory (standard/max)	5GB
System storage	256 GB SSD (standard)
Interface	10/100/1,000-Base-T Ethernet; USB 2.0; Wi-Fi 802.11 b/g/n (optional)
Network protocols	TCP/IP (IPv4/IPv6); SMB; LPD; IPP; SNMP; HTTP(S); AppleTalk; Bonjour
Automatic document feeder (standard)	Up to 80 originals; A5-A4; 50-128 g/m ² ; Dualscan ADF
Paper input capacity (standard/max)	600 sheets / 1,600 sheets
Paper tray input (standard)	1x 500 sheets; A6-A4; custom sizes; 60-210 g/m ²
Paper tray input (optional)	2x 500 sheets; A4; custom sizes; 60-90 g/m ²
Manual bypass	100 sheets; A6-A4; Custom sizes; 60-210 g/m ²
Automatic duplexing	A5-A4; 60-210 g/m ²
Finishing modes (optional)	Group; Sort; Staple (offline)
Output capacity (standard)	Max. 250 sheets
Copy/print volume (monthly)	C4050i - Rec. 6,500 pages; Max. ¹ 120,000 pages C3350i - Rec. 6,500 pages; Max. 96,000 pages
Toner lifetime	Black up to 13,000 pages CMY up to 9,000 pages
Imaging unit lifetime	Black up to 168,000 pages (imaging unit) CMY up to 55,000 pages (imaging unit)
Power consumption	220-240 V / 50/60 Hz; Less than 1.45 kW
System dimension (W x D x H)	420 x 528 x 572 mm (without options)
System weight	Approx. 39.0 kg (without options)

OTHERS

WT-P03 Working table	Authentication device placement
UK-P19 Double feed detection kit	Multi-feed detector to reduce errors and paper jams
KP-102 10-Key pad	For use instead of touchscreen
KH-P02 Keyboard holder	To place USB keyboard

MEDIA INPUT

PF-P20 Paper tray	500 sheets, A4, 60-90 g/m ²
PF-P22 Height adjustment unit	To achieve comfortable height for operation
DK-P04 Copier desk	Provides storage space for print media and other materials

MEDIA OUTPUT

FS-P04 Off-line stapler	20-sheet off-line stapling
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PRINTER SPECIFICATIONS

Print resolution	1,800 (equivalent) x 600 dpi; 1200 x 1200 dpi
Print Speed A4 (mono/colour)	C4050i - Up to 40/40 ppm C3350i - Up to 33/33 ppm
Page description language	PCL 6 (XL3.0); PCL 5c; PostScript 3 (CPSI 3016); XPS
Operating System	Windows 7 (32/64); Windows 8/8.1 (32/64); Windows 10 (32/64); Windows Server 2008 (32/64); Windows Server 2008 R2; Windows Server 2012; Windows Server 2012 R2; Windows Server 2016; Windows Server 2019; Macintosh OS X 10.10 or later; Unix; Linux; Citrix
Printer fonts	80 PCL Latin; 137 PostScript 3 Emulation Latin
Mobile printing	AirPrint (iOS); Mopria (Android); Konica Minolta Mobile Print (iOS/Android/Windows 10 Mobile); Mobile Authentication and Pairing (iOS/Android) Optional: Google Cloud Print; WiFi Direct

SCANNER SPECIFICATIONS

Scan speed (mono/colour)	Up to 45/45 ipm in simplex Up to 90/90 ipm in duplex
Scan modes	Scan-to-eMail (Scan-to-Me); Scan-to-SMB (Scan-to-Home); Scan-to-FTP; Scan-to-Box; Scan-to-USB; Scan-to-WebDAV; Scan-to-URL; TWAIN scan
File formats	JPEG; TIFF; PDF; Compact PDF; Encrypted PDF; XPS; Compact XPS; PPTX Optional: Searchable PDF; PDF/A 1a and 1b; Searchable DOCX/PPTX/XLSX
Scan destinations	2,100 (single + group); LDAP support

COPIER SPECIFICATIONS

Imaging technology	Laser
Toner technology	Simitri® HD polymerised toner
Copy/print speed A4 (mono/colour)	C4050i - Up to 40/40 ppm C3350i - Up to 33/33 ppm
Autoduplex Speed A4 (mono/colour)	C4050i - Up to 40/40 ppm C3350i - Up to 33/33 ppm
1st copy out time A4	C4050i - 4.8/5.4 sec C3350i - 5.6/6.3 sec
Warm-up time	Approx. 13 sec. in mono; 15 sec. in colour ²
Copy resolution	600 x 600 dpi
Gradation	256 gradations
Multicopy	1–9,999
Original format	A6–A4; Custom sizes
Magnification	25–400% in 0.1% steps; Auto-zooming

FAX SPECIFICATIONS (OPTIONAL)

Fax standard	Super G3
Fax transmission	Analogue; i-Fax; Colour i-Fax; IP-Fax
Fax resolution	Up to 600 x 600 dpi
Fax compression	MH; MR; MMR; JBIG
Fax modem	Up to 33.6 Kbps
Fax destinations	2,100 (single + group)

USER BOX SPECIFICATIONS

Storable documents	Up to 3,000 documents or 10,000 pages
Type of user boxes	Public; Personal (with password or authentication); Group (with authentication)
Type of system boxes	Secure print; Encrypted PDF print; Fax receipt; Fax polling

SYSTEM FEATURES

Security Functions (standard)	ISO 15408 HCD-PP Common Criteria (in evaluation); IP filtering and port blocking; SSL2; SSL3 and TLS1.0/1.1/1.2 network communication; IPsec support; IEEE 802.1x support; User authentication; Authentication log; Secure print; Kerberos; SSD self-encrypting (AES 256); Memory data auto deletion; Confidential fax receipt; Print user data encryption
Security Functions (optional)	Antivirus realtime scanning (Bitdefender®)
Accounting (standard)	Up to 1,000 user accounts; Active Directory support (user name + password + e-mail + smb folder); User function access definition
Accounting Functions (optional)	ID card authentication (ID card reader); Authentication by mobile device (Android/iOS)
Software	PageScope Net Care Device Manager; PageScope Data Administrator; PageScope Box Operator; PageScope Web Connection; Print Status Notifier; Driver Packaging Utility; Log Management Utility

¹ If the maximum volume is reached within a period of one year, then a maintenance cycle must be performed

² Warm-up time may vary depending on the operating environment and usage

- All specifications refer to A4-size paper of 80 g/m² 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 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.



KONICA MINOLTA

Authorised Dealer



SCOPE
business imaging

Scope Business Imaging - Perth

80 Hasler Road
Osborne Park WA 6017

Ph. 08 9201 3000

info@scopebi.com.au
scopebi.com.au

