



KONICA MINOLTA

bizhub PRO 1100

Production Printing System



Giving Shape to Ideas

Enduring beauty and strength. At the apex of black & white printing on demand.

The compact bizhub PRO 1100 is built for productivity, complemented by beauty and strength, essential in the on-demand printing world. It embodies the ideals of design, image quality, and convenience, boosting business performance.



Our approaches to resource **preservation** and **protection**

Use of recycled materials

Konica Minolta has developed recycled PC/PET materials with its proprietary chemical processing technologies. Our active use of recycled materials contributes to effective preservation of resources and promotes protection of the environment.



TEC standard exceeded

The bizhub PRO 1100 is designed to consume about 40% less energy than ENERGY STAR's Typical Electricity Consumption (ver 2.0) value. The lower TEC value greatly reduces CO₂ emissions.

Compliance with global environmental standards

bizhub PRO 1100 meets a variety of domestic and foreign environmental standards, including the international ENERGY STAR program and Japan's Act on Promoting Green Purchasing. We support the environment with a broad perspective.



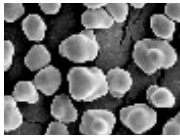
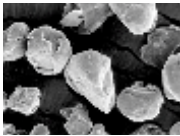
EPEAT Gold Rating

We have been awarded "Gold" certification by EPEAT (Electronic Products Environmental Assessment Tools), a US-based evaluation system for market development and sales promotion of eco-friendly products. Gold-rated products must satisfy 75% or more of EPEAT's criteria.

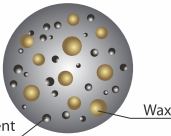


High image quality and eco-friendly toner

Konica Minolta's Simitri HD toner technology uses plant-based materials as a toner element. The toner powder fuses at low temperatures, reducing energy consumption. The environmental impact is taken into account — from toner production and customer use to disposal.





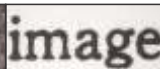

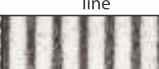
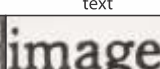
Composition of Simitri HD toner



Pulverised toner Simitri HD toner Pigment Wax

Simitri HD
High Definition Polymerized Toner

Comparison of pulverised toner and Simitri HD toner (internal test)

	dot	line	text
Pulverised toner			
Simitri HD toner			



Authentication and **collaboration** functions for the future

User authentication

Besides the main unit's authentication function, PageScope Authentication Manager*¹ unifies management of user information with an external server such as Active Directory. Security also is strengthened without loss of work efficiency by the non-contact IC card authentication system. Choose the work style suited to the size and environment as the system is linked with employee room entry.

*1 Optional

* Optional IC card authentication unit AU-2015 is required.




Office equipment connectivity

bizhub PRO 1100's compatibility with bizhub Connector assures office equipment connectivity. From the bizhub PRO 1100's control panel, register applications on the system to connect directly to cloud services*² and intra-organisation Sharepoint 2007/2010 services. OpenAPI ver4.1 enables authentication, billing, pull printing, and other solution applications.

*2 Google Drive, Gmail, Evernote





Productivity and operability support a variety of demands, from in-house printing to professional printing services

bizhub PRO 1100 possesses the reliability and high precision required of on-demand printing systems. At the same time, its refined operability increases productivity in a variety of applications, from professional use (printing companies) to a centralised reprographics department.



Use as a high-speed system for CRD

Produce high volumes of office documents with confidence. Digitise documents with the bizhub PRO 1100's high-speed scanner. Compatibility with bizhub office multi-function products as well as collaboration with applications have been enhanced. The security essential to an office environment, plus environmental-friendliness, are given full consideration.



Smart and compact high-performance system for professional printing

bizhub PRO 1100 offers the robustness and reliability that professional users demand. In addition, configuration flexibility satisfies a variety of work and business requirements.

Given the high image quality expected from the bizhub PRO line, the bizhub PRO 1100 is the ideal monochrome system for the printing industry. And it's easy enough for anyone to operate.

bizhub PRO
1100



Reliable and easy to control over the long life ahead

100 ppm output

High-impact printing at 100 ppm*¹, including booklets and impositions. This enables finishing*² functions to increase productivity further.

*¹ Using 40–216 gsm paper (restrictions apply depending on paper weight and printing environment) with A4 long-edge feed.

*² Optional



Large capacity with a maximum 9,000 sheets

Print a maximum of 9,000 sheets by combining the main unit's standard 3,000-sheet capacity with the 3-tray PF-709*³ (6,000 sheets). Other trays supply paper during operation to prevent interruption of production.

*³ Optional

*Using 80 gsm paper



Sturdy design supports high-volume production

bizhub PRO 1100 has adopted the same kind of sturdy and durable body found in printing systems for professional use.

Count on stable reliability during continuous operation.

Consumables, too, are designed for a long life, reducing the frequency of replacement.



High-speed duplex colour scanner

Scan A4 colour documents at the rate of 90 opm*¹.

For double-sided originals, two independent scanner sensors make high-speed 180 opm*¹ scanning possible.

Network scanner functions enable speedy digitisation of documents.

*¹ For 300 dpi originals



Advancing configurations to the desired level

Direct printing with Hot Folders

Print PDF/TIFF files without launching applications. Simply drag and drop into a Hot Folder. Prepare multiple Hot Folders for quick printing without having to change settings each time.

* PageScope Direct Print (included) must be installed by the client (Microsoft Windows OS only).



Job ticket editing

Edit job ticket details, then view the output image. A sample can be printed. Jobs saved in BOX can also be edited. Complex and delicate print jobs are made more efficient thanks to flexible job management.



Page edit screen

Change the configuration of the insert page and paper settings. Confirm details easily with the preview display.

Job ticket edit screen

Change detailed output settings, such as paper type and number of copies.



Color Centro

Color Centro is standard on the bizhub PRO 1100. The same software is used on colour production systems for colour management. Flexibly adjust image quality on the PC by adjusting separate tone curves for images and text/graphics.



Tone curve adjustment

Fine-tune to preferred contrast and brightness.

Job Centro

Manage options from the PC. The easy-to-use interface is compatible with the bizhub PRO 1100's control panel and printer driver, making operation more efficient. Color Centro can also be launched from Job Centro for seamless management.

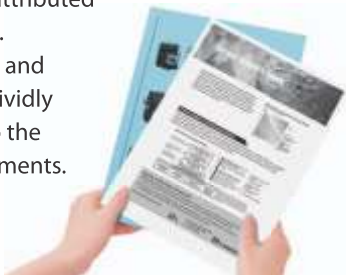


Evolved **imaging** technology that invites **repeats**



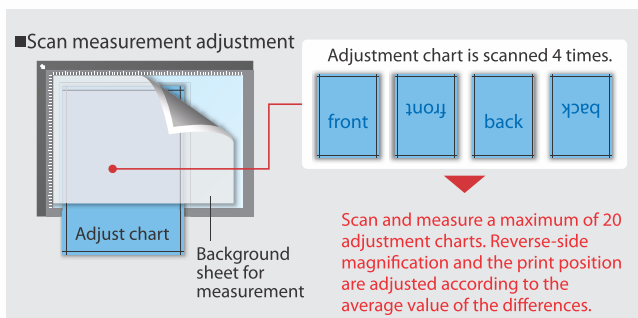
Acclaimed 1,200 dpi resolution

High-resolution printing is attributed to a real output of 1,200 dpi. Thin lines for tables, graphs, and multi-gradient images are vividly reproduced, contributing to the creation of persuasive documents.



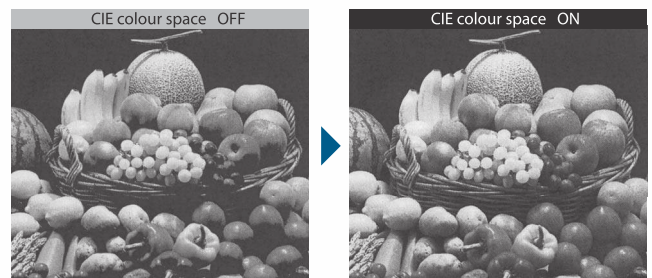
Convenient front-to-back registration adjustment

bizhub PRO 1100's front-to-back adjustment function automatically adjusts image position by using the original platen surface. The front-to-back side position and discrepancies in magnification are easily corrected, vastly improving the efficiency of registration adjustment.



Rich expressions of colour space

When colour documents are printed, the input image is converted first into CIE colour space and then into the main unit's colour space. The main unit processes rich gradients while maintaining high productivity.



Screen versatility

Three types of FM screen (2 resolutions × 3 patterns) are available based on the content of the document. In addition, three new FM screens leveraging high resolution are available. Print quality of even greater resolution can be produced by using the optimal screen for the output content.

Product features that will **grow a business**

Extensive paper compatibility

Up to 324 × 463mm paper size is supported which crop marks can be printed on A3 documents.

Given the standard support for paper weights (40 – 350 gsm or 50 – 300gsm for duplex printing), a wide range of paper weights can be used. Diverse paper types are also supported, from fine paper to tab stock. Postcard printing is possible by installing PF-709.*¹

*1 Optional

Examples of output

Pamphlet



In addition to elegant printing and folding are supported by the options.

Manual



Saddle-stitched booklet printing² is supported, making the bizhub PRO 1100 suitable for high-volume printing.

Invoice



Compatible with thin paper from 40 gsm. Variable printing is supported.

Business cards



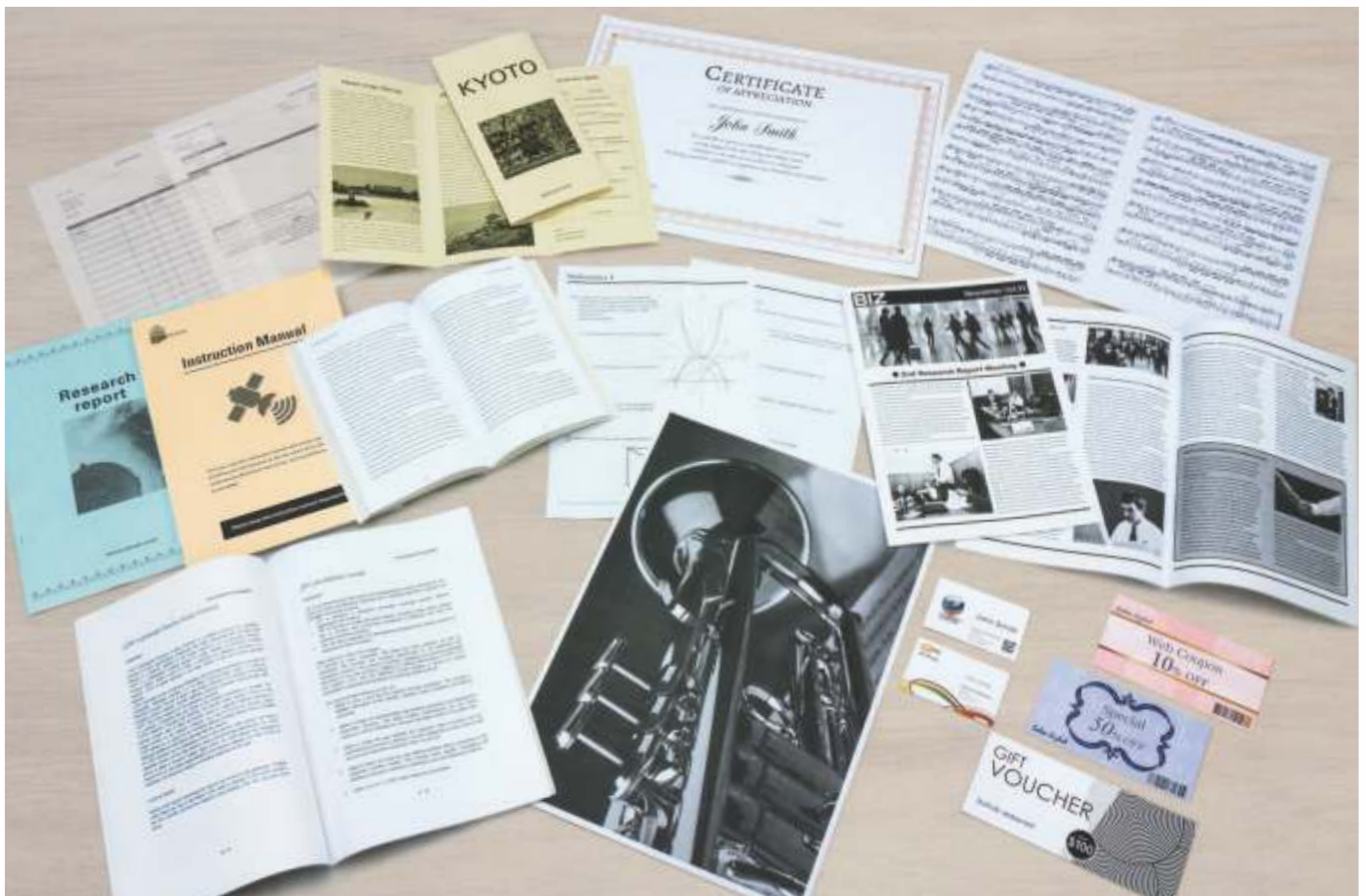
Pre-printing on imposition based on thick stock such as, "Kent paper (art-practice paper)."

Certificate



Besides thick stock, traditional stock for certificates can also be used for printing.

*2 When optional SD-510 is installed.



Flexibility that feeds optimisation

Multi Bypass Tray and output tray for convenient system configuration

The printing system can be customised with flexible options, including bypass Tray MB-507, which eases the use of different paper for small-lot jobs, and output tray OT-507 for printing environments that do not require a finisher.



Paper handling

Standard features



Main Unit Tray

3,000 sheets* ¹ (1,500 sheets × 2 trays)
40 to 300 gsm
[Min.] 182×139 mm [Max.] 324×463 mm

Expand

Options



A4 Large Capacity Unit [LU-411]

4,500 sheets* ¹
40 to 300 gsm
[Min.] 250×176 mm [Max.] 314×229 mm



A3 Large capacity Unit [LU-412]

4,000 sheets* ¹
40 to 300 gsm
[Min.] 203×195 mm [Max.] 324×483 mm



3-tray Paper Feeder Unit [PF-709]

6,000 sheets* ¹ (2,000 sheets × 3-tray)
40 to 350 gsm* ²
[Min.] 139×182 mm [Max.] 324×463 mm

*1 Paper capacity based on 80gsm paper *2 40 to 300gsm for upper and lower trays

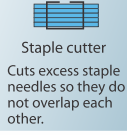


Finishing

Staple Finisher [FS-532]


*Optional

Saddle-stitch up to 100 sheets*¹ for beautiful finishes through improved paper-output consistency. Create elegant handout materials, proposals and reports.

*1 Up to 50 sheets for A3 paper



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






Expand

Saddle Stitcher [SD-510]

*Optional

Saddle stitching is effective in lowering production cost. Multiple half-fold and tri-fold functions for direct mailing and circulars are available.


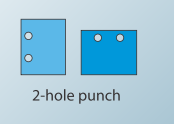


Half-fold Tri-fold Saddle-stitching

Punch Kit [PK-522]

*Optional

Internal punch kit for FS-532. Choose punch holes left/right or up/down from the set direction of the paper for efficient finishing.







2-hole punch

Punch and Z-folding Unit [ZU-608]

*Optional

Provides Z-folding function in addition to punching. Perfect for creating booklets without the need to reduce detailed illustrations.






2-hole punch Z-fold Z-fold + 2-hole punch

Post Inserter [PI-502 TypeB]

*Optional

Adds cover and insertion pages to documents. Two-level trays allow these pages to be added simultaneously. Manual operation is also possible.





Insertion sheet Cover sheet

* Mount kit MK-732 is required.

Specification

bizhub PRO 1100 General Specifications

Main Unit

Type	Console
Resolution	600 x 600 dpi
Scan	1,200 x 1,200 dpi
Gradation	256
Original Type	Sheets, Books, Objects
Max. Original Size	A3 (11" x 17")
Memory Capacity	8 GB
	1TB
Output Size	SRA3, A3 to B5, A5, B5S, Tab paper,
(S: Short edge feed) 	Custom 182 x 139 mm (Using small size guides), to 324 x 463 mm
Image Loss	Max. 3 mm or less for top edge, Max. 2 mm or less for bottom edge, Max. 2.0 mm or less for right/left edges
Warm-Up Time	390 sec. or less
First Copy Out Time*	3.4 sec. or less
Copy / Print Speed (A4)	100 ppm
Copy Magnification	Fixed Same Magnification
	1:1 ± 0.5% or less
	Scaling Up
	1:1.154/1.224/1.414/2.000
	Scaling Down
	1:0.866/0.816/0.707/0.500
	Preset
	3 types
	Zoom
	25 to 400% (in 0.1% increments)
Paper Capacity (80gsm)	Standard: 1,500 sheets x 2
Paper Weight	Standard
	40 to 300 gsm (Limitations to paper types apply)
	Option
	40 to 350 gsm (Only available for middle tray of PF-709)
Multiple Copy	1 to 9,999 sheets
Auto Duplex	Non-Stack
(S: Short edge feed) 	SRA3, A3 to B5, A5, B5S
Power Requirements	220 to 240 V/15 A
Max. Power Consumption	3.6 kW or less
(Main unit + PF-709 + FS-532)	
Dimensions (W) x (D) x (H)	990 x 910 x 1,160 mm (39" x 35-3/4" x 45-3/4") (Main unit + ADF)
	1,211 x 910 x 1,454 mm (47-3/4" x 35-3/4" x 57-1/4") (including operation panel)
Weight	340 kg (749-1/2 lb) (Main unit)
Space Requirements (W) x (D)	2,634 x 2,060 mm (103-3/4" x 81-1/4") <Main unit + FS-532 + LU-411>

*1 A4 long edge feed full size/using the first tray/scanning from the original glass surface.

bizhub PRO 1100



Model shown is 1100 with options.



*1 Optional

For more information please visit the bizhub Web site at

<http://www.biz.konicaminolta.com/production/1100/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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From consulting, system design, to operations, Konica Minolta offers total support to optimise your office output environment.

<http://www.biz.konicaminolta.com/services/ops>

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