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.
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.
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*4. For double-sided originals, two independent scanner sensors make high-speed 180 opm*4 scanning possible. Network scanner functions enable speedy digitisation of documents.
*4 For 300 dpi originals

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*4 For 300 dpi originals
Highly visible LED lights
When it is difficult to hear the bizhub PRO 1100, optional multi-information LED lights display printing and paper tray conditions with a combination of four colours.

Compact space-saving design
The compact design of the bizhub PRO 1100 allows installation in a variety of locations. Minimum width is 1,860 mm when the output tray OT-507*6 is fitted on the main unit. When fitted with staple finisher FS-532,*6 the system is approximately 2,398 mm wide.

*6 Optional

Easy-to-understand 15-inch control panel
bizhub PRO 1100 is equipped with a highly visible 15-inch LCD control panel. An array of functions, including ticket editing, folding and stapling, come with the same graphical user interface as bizhub PRESS colour devices. Operating mistakes are reduced and work efficiency is enhanced.

Replace high-capacity toner bottle even while printing
The high-capacity toner bottle is good for approximately 82,000 pages*. bizhub PRO 1100 also features a new toner bottle door, allowing the toner to be replaced even during printing to boost work efficiency.

*5 Based on A4-size 5% print coverage.
Product features that will **grow a business**

**Extensive paper compatibility**

“Up to 324 × 463mm-size paper is supported with crop marks printable 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 MB-507*1 or PF-709.*1

*1 Optional

**Examples of output**

- **Pamphlet**
  - In addition to elegant printing and folding are supported*2 by the options.

- **Manual**
  - Saddle-stitched booklet printing*2 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**
  - Imposition base printing on thick stock such as Kent paper also is possible.

- **Certificate**
  - Besides thick stock, traditional stock for certificates*3 can also be used for printing.

*2 When optional SD-510 is installed.

*3 Coated or beaten-foil paper is not compatible.
**Flexibility**

**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

<table>
<thead>
<tr>
<th>Standard features</th>
<th>Options</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Main Unit Tray</strong></td>
<td><strong>A4 Large Capacity Unit [LU-411]</strong></td>
</tr>
<tr>
<td>1,000 sheets*1</td>
<td>4,500 sheets*1</td>
</tr>
<tr>
<td>40 to 300 gsm</td>
<td>40 to 300 gsm</td>
</tr>
<tr>
<td>[Min.</td>
<td>[Min.</td>
</tr>
<tr>
<td>162×139 mm</td>
<td>250×176 mm</td>
</tr>
<tr>
<td>[Max.</td>
<td>[Max.</td>
</tr>
<tr>
<td>124×463 mm</td>
<td>314×229 mm</td>
</tr>
</tbody>
</table>

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

### Finishing

#### Staple Finisher [FS-532]

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

*1 A4 80 gsm paper

#### Saddle Stitcher [SD-510]

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

#### Punch Kit [PK-522]

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

#### Post Inserter [PI-502 TypeB]

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

* Mount kit NK-732 is required.

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### System Options

**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.
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.
Direct printing with Hot Folders
Print PDF/TIFF files without launching applications. Simply drag and drop into an icon or a shared folder. Prepare multiple Hot Folders for quick printing without having to change settings each time.
* When icons are used, the client needs to install PageScope Direct Print (included) (Microsoft Windows OS only).

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.

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.

Job ticket editing
Edit job ticket details, then view the output image. A sample can be printed. Complex and delicate print jobs are made more efficient thanks to flexible job management.

Advancing configurations to the desired level

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

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

Fine-tune to preferred contrast and brightness.
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-201S 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

Authentication and collaboration functions for the future
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.

**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.

**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.

**Composition of Simitri HD toner**

<table>
<thead>
<tr>
<th>Pulverised toner</th>
<th>Simitri HD toner</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Pigment</th>
<th>Wax</th>
</tr>
</thead>
</table>

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

**bizhub PRO 1100 General Specifications**

### Main Unit

<table>
<thead>
<tr>
<th>Type</th>
<th>Console</th>
</tr>
</thead>
<tbody>
<tr>
<td>Resolution Scan</td>
<td>600 × 600 dpi</td>
</tr>
<tr>
<td>Print</td>
<td>1,200 × 1,200 dpi</td>
</tr>
<tr>
<td>Gradation</td>
<td>256</td>
</tr>
<tr>
<td>Original Type</td>
<td>Books, Objects</td>
</tr>
<tr>
<td>Max. Original Size</td>
<td>A3 (11” × 17”)</td>
</tr>
<tr>
<td>Memory Capacity</td>
<td>DIMM 8 GB</td>
</tr>
<tr>
<td>HDD</td>
<td>1 TB</td>
</tr>
<tr>
<td>Output Size</td>
<td>SRA3, A3, A5, B5, Tab paper, Custom 182 × 339 mm (using small size guides), to 324 × 463 mm</td>
</tr>
<tr>
<td>Image Loss</td>
<td>Max. 3 mm or less for top edge, Max. 2 mm or less for bottom/right/left edges</td>
</tr>
<tr>
<td>Warm-Up Time</td>
<td>390 sec, or less</td>
</tr>
<tr>
<td>First Copy Out Time*1</td>
<td>3.4 sec, or less</td>
</tr>
<tr>
<td>Copy / Print Speed (A4)</td>
<td>100 ppm</td>
</tr>
<tr>
<td>Copy Magnification</td>
<td>Fixed Same Magnification</td>
</tr>
<tr>
<td></td>
<td>1:1 ± 0.5% or less</td>
</tr>
<tr>
<td></td>
<td>Scaling Up</td>
</tr>
<tr>
<td></td>
<td>1.15:1/2.24:1/4.42/2.000</td>
</tr>
<tr>
<td></td>
<td>Scaling Down</td>
</tr>
<tr>
<td></td>
<td>1:0.866/0.816/0.707/0.500</td>
</tr>
<tr>
<td>Preset</td>
<td>3 types</td>
</tr>
<tr>
<td>Zoom</td>
<td>25 to 400% (in 0.1% increments)</td>
</tr>
<tr>
<td>Paper Capacity (50g/m²)</td>
<td>Standard 1,500 sheets ×2</td>
</tr>
<tr>
<td>Paper Weight</td>
<td>40 to 300 gsm (Limitations to paper types apply)</td>
</tr>
<tr>
<td>Option</td>
<td>40 to 250 gsm (Only available for middle tray of PF-709)</td>
</tr>
<tr>
<td>Multiple Copy</td>
<td>1 to 9,999 sheets</td>
</tr>
<tr>
<td>Auto Duplex (S: Short edge feed)</td>
<td>Non-Stack</td>
</tr>
<tr>
<td>Power Requirements</td>
<td>SRA3, A3 to A5, B5, B5S</td>
</tr>
<tr>
<td>(Main unit + PF-709 + F3-532)</td>
<td>220 to 240V/15 A</td>
</tr>
<tr>
<td>Max. Power Consumption</td>
<td>3.6 kW or less</td>
</tr>
<tr>
<td>Dimensions (W) x (D) x (H)</td>
<td>990 × 910 × 1,160 mm (39” × 35-3/4” × 45-3/4”) (Main unit + ADF)</td>
</tr>
<tr>
<td></td>
<td>1,211 × 910 × 1,454 mm (47-3/4” × 35-3/4” × 57-1/4”) (including operation panel)</td>
</tr>
<tr>
<td>Weight</td>
<td>340 kg (749-1/2 lb) (Main unit)</td>
</tr>
<tr>
<td>Space Requirements (W) x (D)</td>
<td>2,094 × 2,060 mm (82-3/8” × 81-1/4”) (Main unit + FS-532 + LU-411)</td>
</tr>
</tbody>
</table>

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

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**For more information please visit the bizhub Web site at**


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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.

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**Requirements for safe use**

- *Please read and follow the instruction manual to ensure safe operation.*
- *Only operate using appropriate power supply and voltage.*
- *Connecting the earth wire to an inappropriate place may cause explosion or electric shock. Please connect accordingly (Taiwan and the Philippines only).*

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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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9251-3235-01 Printed in Japan