



KONICA MINOLTA



bizhub PRO 1050e

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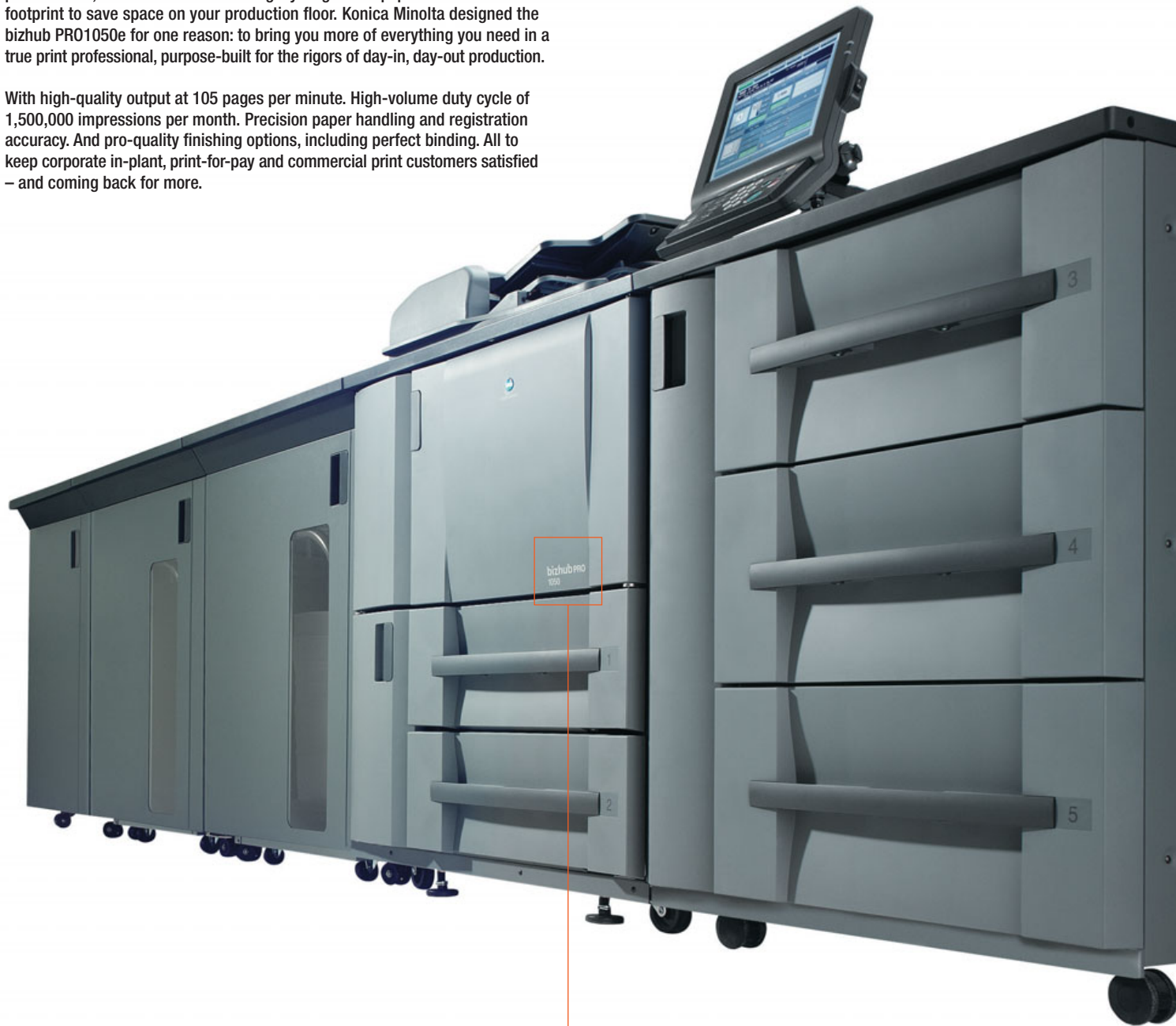
COMMUNICATE_

CONTROL_

the production PRO that gives you more.

More speed. More volume. More quality. More finishing power. Print-shop performance, at a cost far less than legacy “big iron” equipment – in a smaller footprint to save space on your production floor. Konica Minolta designed the bizhub PRO1050e for one reason: to bring you more of everything you need in a true print professional, purpose-built for the rigors of day-in, day-out production.

With high-quality output at 105 pages per minute. High-volume duty cycle of 1,500,000 impressions per month. Precision paper handling and registration accuracy. And pro-quality finishing options, including perfect binding. All to keep corporate in-plant, print-for-pay and commercial print customers satisfied – and coming back for more.



High-speed, high-volume production. With numerous metal component parts and robust internal design, the bizhub PRO 1050e can produce 105 ppm print/copy output through a workhorse monthly duty cycle of up to 1,500,000 impressions.

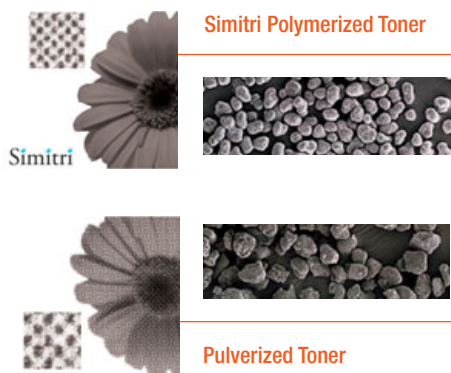


Built-in print control. The print controller is built-in, for PCL/PS3 printing and network scanning. And powerful software can streamline your workflow by helping you manage print queues, production cycles, documents and devices.

Precise registration adjustment. Front-to-back registration accuracy of 0.5 mm or less helps the bizhub PRO 1050e maintain job integrity, with independent adjustments for transversal direction, timing and image shift – plus low temperature fixing, improved sensing precision and creep adjustment in booklet mode.

Hands-off reliability. Air blowers in paper trays separate sheets to keep even coated paper stock moving smoothly – and ultrasonic sensors detect misfeeds to prevent paper jams before they occur and maximize print production efficiency.

Higher detail and definition. Better toner makes a big difference – and with Simitri® Polymerized Toner that uses particles of smaller size and more consistent shape, the bizhub PRO 1050e creates high-quality documents with more legible text and greater detail in halftones and graphics.



more accuracy, more detail, more reliability.

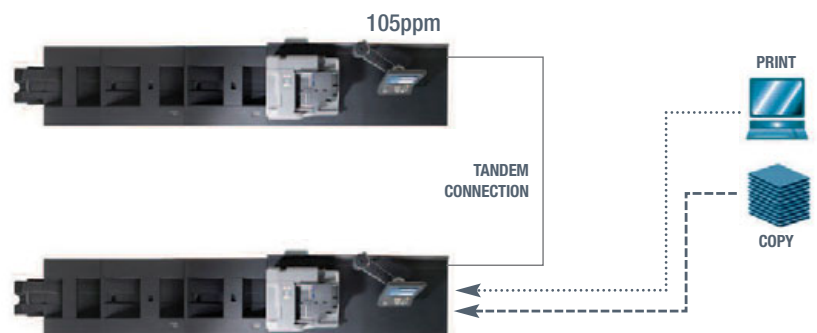
At Konica Minolta, we did our homework. Talked to production print professionals. Listened to your problems. Understood your challenges. And created a new machine from the ground up, through an exhaustive process of technological innovation resulting in numerous pending patents—in make-ready, imaging and finishing.

The result is bizhub PRO 1050e – a true production powerhouse. A professional that carries you far beyond the capabilities of ordinary printer/copiers. And a proven replacement for offset systems in the digital era. Since its introduction, the original bizhub PRO 1050 has been hard at work – helping corporate CRDs and printshops produce more at lower cost, satisfying corporate and commercial customers, and winning industry awards.

Now the new bizhub PRO1050e raises the standard for fast, efficient, full-featured production print performance – with tandem print/copy capability for 210 ppm output, HDD security enhancements to protect sensitive customer data, new ability to handle custom paper and registration adjustments, and a new perfect binder option that produces up to 600-page books, training manuals and other lengthy documents.



The power to double your output speed. Tandem Print and Tandem Copy capabilities lets you link two bizhub PRO 1050e devices to produce up to 210 ppm – a real advantage for large jobs on tight deadlines.



more ways to get the job done better.

The bizhub PRO 1050e is designed to work as hard as you do – and in any way that suits your workflow. It lets you customize paper handling, printing and finishing options, document data archiving and reprinting.

Powerful finishing options allow you to meet a superior range of production print demands. A multi-position staple/stacker lets you output 100-page reports with built-in staple-cutting function. Six folding options include gate-fold and z-fold.

You can also produce perfect-bound trimmed booklets of up to 600 pages, create saddle-stitched 200-page booklets – even add pre-printed covers or inserts post-process. You can also handle heavy paper weights – from 16lb. bond to 170 lb. index – and load sizes up to 12"x18" in universal paper trays. Maximum paper capacity of 9,000 sheets lets you produce longer print/copy runs without operator intervention. And two optional roll away stacker units, each with 5,000-sheet capacity, make it easy to move printed output for offline finishing or shipping.



Large-capacity stacker units.
Optional LS-501 and LS-502 Large Capacity Stackers each provide 5,000-sheet capacity and roll-away carts.



Perfect binding for books and manuals. The optional PB-501 Perfect Binder unit provides fast, inline perfect binding and trimming – with hot-melt gluing for strong, flexible 300-sheet, 600-page books, plus a cover tray that holds up to 1,000 wrap around covers.



FS-503

FD-501

A powerful Staple/Stacker unit. The FS-503 Staple/Stacker unit provides multi-position stapling, 100-sheet staple capacity, staple cutting function, and 3,000-sheet capacity.

Six folding capabilities. The FD-501 Multi-Folding Unit provides six folding possibilities – half-fold, gatefold, letter fold-in, letter fold-out, double parallel fold, and z-fold – plus cover insertion and hole-punch capability.

Feed originals faster. A standard 103 opm Reversing Auto Document Feeder handles originals up to 11"x17" and loads up to 100 sheets – with Intelligent Job Building to let you go beyond 100 sheets.

3,000-sheet standard paper capacity. Two standard universal trays each hold up to 1,500 sheets.

6,000-sheet paper feed unit. The optional PF-701 Universal Paper Feed Unit provides three optional trays, each holding 2,000 sheets of paper in sizes up to 12"x18".

An LCD screen that's easy to read. Simple commands and intuitive menus make operating the bizhub PRO 1050e simple for any user.

Control at your fingertips: On-board control interface includes separate sequences for printing, copying and scanning – so even an untrained operator can print like a pro in no time.

On-screen preview: Check a thumbnail image of the document before you print – checking page layout, margins and overall appearance to cut the need for wasteful reprints. Paper selection at a glance: Graphic icons highlight paper tray and output tray to make setup even easier.



200-page booklet-making. The SD-501 Saddle-Stitch Unit centre-staples up to 50 sheets to create 200-page booklets with in-line face trimming.

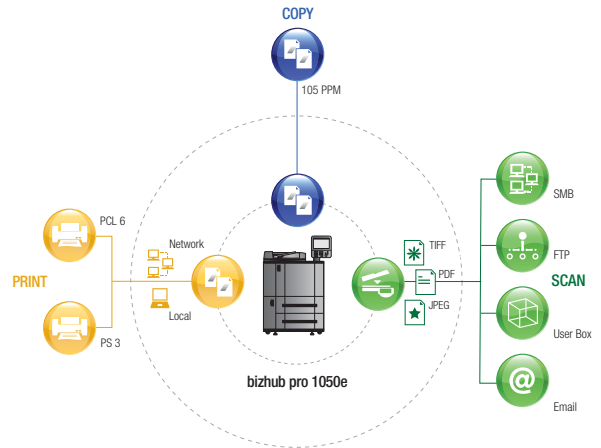
more power to speed print production.

In today's world of rising costs and shrinking deadlines, output speed is important – but workflow efficiency is essential. Controls are at your fingertips. Commands are logical. Menus are intuitive – and organized by function, with separate sequences for scanning, copying and printing.

Every bizhub PRO 1050e has built-in print control, a powerful 40 GB hard disk drive and genuine Adobe PS3 and PCL5e/XL (PCL6) interpreters with versatile, easy-to-use print drivers. You'll also have on-board control of a wide range of print production and finishing functions – including Job Memory (up to 30 jobs), Recall and Reserve (up to 500 jobs) for quick printing and reprinting.

Without leaving your bizhub PRO 1050e, you can preview an on-screen thumbnail of the document you're about to print – allowing you to check page layout, margins and overall appearance to avoid wasteful re-runs. Comprehensive setup and input/output settings are made even easier by a graphic icon that highlights input and output paper tray location.

There's a complete suite of PageScope® software to speed your production workflow, including PageScope Direct Print for faster output of PDF and TIFF files, and PageScope Job Spooler for flexible print queue management. PageScope Web connection lets you check device status via your standard web browser. And PageScope Net Care helps IT administrators manage all MIB-compliant output devices from a single point – even models made by other manufacturers.



Fast, flexible scanning: The bizhub PRO 1050e provides Scan-to-Email, Scan-to-SMB (PC desktop), and Scan-to-HDD to store documents on your built-in high-capacity disk drive. Scan-to-FTP enables retrieval by any network user – and TWAIN scan permits retrieval of images scanned into your hard drive.

Control print queues more effectively. With PageScope Job Spooler, you can view and manage your bizhub PRO 1050e print queue from any network-connected PC.

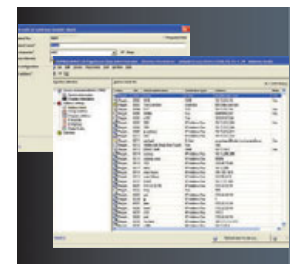
Print jobs more quickly. PageScope Direct Print lets you send PDF or TIFF files to your bizhub PRO 1050e via simple commands without using print drivers or application software.

Printgroove – your total production solution. Input jobs 24/7 via the internet, handle files in any format, create and update job tickets, track jobs and manage account information - all automatically.



PageScope Web Connection

PageScope Data Administrator





General Specifications:

bizhub PRO 1050e

TYPE:	Console digital printer/copier/scanner
PRINT/COPY PROCESS:	Laser Electrostatic
TONER TYPE:	Next-generation Simitri® Polymerized Toner
MONTHLY DUTY CYCLE:	1,500,000 pages
PRINT/COPY SPEED:	105 ppm (letter, portrait)
PRINT RESOLUTION:	1200 dpi x 600 dpi
REGISTRATION ACCURACY:	0.5mm or less
SCANNING SPEED:	103 PPM
SCAN RESOLUTION:	200, 300, 400, 600dpi
HALFTONE REPRODUCTION:	256 gradations
MEMORY:	512 MB (standard)
HARD DISK DRIVE:	40 GB
WARM UP TIME:	Less than 6 minutes
FIRST COPY TIME:	Less than 3 seconds
COPY QUANTITY:	1 - 9,999 copies (countdown, interrupt capability)
MAGNIFICATION:	Zoom range: 25% - 400%, 0.1% increments Preset reduction: 93%, 77%, 65%, 50% Preset enlargement: 121%, 129%, 155%, 200%
COPY EXPOSURE MODES:	Auto, Text, Photo, Text/Photo, Manual
ORIGINAL SIZE:	Up to 11 x 17 (scanning/copying)
PAPER SIZE:	5.5" x 8.5" to 12" x 18"
PAPER WEIGHT:	16 lb. bond to 140 lb. index up to 170 lb. index / 300 gsm (from tray 4) OHP transparencies, tab pages, coated stock
PAPER SUPPLY:	Tray 1: 1,500-sheet universal paper tray Tray 2: 1,500-sheet universal paper tray
OPTIONAL PAPER SUPPLY:	Three-tray universal paper feed unit, including: Tray 3: 2000-sheet capacity, Tray 4: 2000-sheet capacity, Tray 5: 2000-sheet capacity
MAXIMUM PAPER CAPACITY	input: 9,000 sheets (total, with optional paper feed unit) output: 10,000 sheets (total, with 2 optional stacker units)
DOCUMENT FEEDER (standard):	DF-603 Reversing Automatic Document Feeder Speed: 103 opm Paper Capacity: 100 sheets Paper Size: 5.5" x 8.5" to 11" x 17" Paper Weight: up to 110 lb. index, 200 gsm
POWER REQUIREMENTS:	208 -240 V, 17.6 A, 60 HZ
POWER CONSUMPTION:	3.66 KW (max. with full options)
DIMENSIONS (W x D x H)	35.25" x 30.5" x 46.875" (895 X 775 X 1190 mm)
WEIGHT:	683 lbs. (310 KG) (with ADF)
OPTIONS:	PB-501 Perfect Binder (300-sheet, 600-page in line perfect binding with cover printing or insertion) FS-503 Stapler/Stacker Unit (100-sheet capacity, staple cutting function) FD-501 Multi-Folding Unit (6 folding types, cover inserter, post-insertion, hole-punch) SD-501 Saddle-Stitch Unit (50 sheets, 200-page booklet-making) LS-501 Large Capacity Stacker (5,000-sheet capacity) LS-502 Large Capacity Stacker (5,000-sheet capacity) PF-701 Paper Feed Unit (three universal trays, each 2,000-sheet capacity) PP-701 Paper Feed Assistance Fan (decreases adhesion typical of preprinted or preconditioned stock) RC-501 Toner Recycle Bypass Kit Postcard Feed Kit Small Custom Size Universal Feed Kit Removable HDD Kit
FUNCTIONS:	Annotation (date stamp), Auto Paper Selection, Auto Magnification Setting, Auto Document Feeding, Auto Duplex (stackless), Auto Layout (centering), Auto Low Power, Reset, Shutoff, Auto/Text/photo/increase contrast exposure modes, auto tray switching, book copy, booklet making, border erase (frame, fold, frame&fold), cover insertion, electronic copy monitor (1,000 accounts), energy save mode, erase (frame, fold, non-image area), face-up or face-down output, folding (booklet, gatefold, letterfold-in, letterfold-out, double parallel, z-fold), grouping, hole-punching (2-hole, 3-hole), image insert, image overlay (scanned image on to copied image), image repeat, image rotation, image shift, intelligent job building, interrupt (pause), job memory (30 jobs), recall, reserve (100 jobs), job status, mixed original detection, negative image capability, ohp interleave (blank or copied sheets), print spooling, proof copy, rotation exit (horizontal/vertical), saddle-stitching (center-stapling up to 50 sheets for 200-page booklets), scanning: email, ftp, pc, hdd, twain scan (hdd data can be retrieved through the twain driver), secure print, separate scanning(job building), sorting, stamping, stapling, storyboarding (2-in-1, 4-in-1, 8-in-1, even 16-in-1 from print driver), tabs (from tabbed originals to tabbed sheets with tab ejection feature), tandem copy/print capability, weekly timer, zoom

Print Controller Specifications:

TYPE:	Internal Print Controller
PROCESSOR:	Intel® Pentium® III @ 933MHZ
RAM:	512 M
HDD:	40 GB
PAGE DESCRIPTION LANGUAGE:	PCL5E/XL (PCL6), Adobe Postscript 3
FONTS:	PCL: 88 fonts, Postscript: 136 fonts
PRINT DRIVERS:	Windows 98, ME, NT 4.0, 2000, XP, 2003, Mac OS 8.0 or later, Mac OSX 10.02/10.03
INTERFACE:	ETHERNET 10/100 BASE T, PARALLEL IEEE 1284
SECURITY:	ISO-15408 Compliant
PAGESCOPE APPLICATIONS:	Network Scanning: Email, FTP, PC, HDD, TWAIN SCAN (HDD Data can be retrieved through the TWAIN driver) Production Printing: Pagescope Directprint, Pagescope Job Spooler
NETWORK & DEVICE MANAGEMENT:	PageScope EMS Plug-Ins, PageScope NDPS Gateway, Pagescope Net Care, PageScope Network Setup, Pagescope Web Connection

Proud sponsor of:



bizhub PRO



Printed on the bizhub PRO C6500

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Design and specifications are subject to change without notice.

Some functions may require options, which may or may not be available at time of launch.



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