



**Work Power:** bizhub PRO solutions to revolutionize production printing.



COUNT ON KONICA MINOLTA bizhub PRO 1200/1200P/1051



# Purpose-built professionals in a class all their own.

WITH KONICA MINOLTA, YOU CAN COUNT ON BLAZING SPEED, LONG-RUN RELIABILITY, AND IMAGE QUALITY TO RIVAL OFFSET PRINTING — ALL AT LOWER COST, SETTING A HIGHER STANDARD IN VALUE FOR COMMERCIAL PRINTERS, PRINT-FOR-PAY ENVIRONMENTS AND CORPORATE IN-HOUSE PRINTING FACILITIES. THE BIZHUB PRO 1200, 1200P AND 1051 ARE RAISING THE BAR IN PRODUCTION PRINT — BECAUSE NEEDS ARE CHANGING, EXPECTATIONS ARE RISING, AND BUDGETS ARE FALLING. TO KEEP YOU COMPETITIVE, BIZHUB PRO CAN TAKE YOUR OPERATIONS TO THE NEXT LEVEL. LET'S GET TO WORK.

#### You've got a job to do.

And you're the experts – because you know what it takes to get the job done right.

Making perfect-bound books and manuals, with trimmed covers. Producing saddle-stitched booklets with inline face trimming. Creating marketing materials, folded any way that suits your application. Printing reports and presentations, with proportional-cut stapling. Turning out training and technical materials, with high-speed punching. And producing professional-looking reports and presentations, adding color covers and inserts.

These are the print production capabilities you told us your business demands — so we built all these functions and options into the bizhub PRO 1200/1200P/1051 system. Plus more — because today's fast-moving production world won't wait for yesterday's print solutions.







#### Superior quality, stamina and speed.

The bizhub PRO 1200, 1200P and 1051 are purpose-built to give you proven, professional replacements for offset systems in the digital era.

With three models to choose from, you can match output capability to your workflow. The bizhub PRO 1200 gives you print/copy speed of up to 120 pages per minute – 7,200 pages per hour. And it maintains this high-productivity pace through a hard-driving monthly duty cycle of up to 3,000,000 pages.

The bizhub PRO 1200P delivers the same blazing speed and workhorse duty cycle for applications that don't need copy/scan output. And the bizhub PRO 1051 prints up to 105 pages per minute, with copy/scan capabilities — an ideal choice for full-service print centers.

All three models can accommodate up to 14,000 sheets, running longer with less need to reload media. And all deliver truly exceptional image quality, with Konica Minolta's exclusive Simitri® Polymerized toner for high-resolution detail and sharper, more legible text and graphics.

#### Compact dimensions, intelligent operation.

Despite their tremendous speed and output power, these three print professionals have a relatively small footprint – freeing up valuable space on your production floor. Even with multiple paper-handling and rollaway cart options, you'll still save space compared to bulky offset equipment.

And for working professionals, the ultimate sophistication is simplicity: the ability to produce more work with less training.

All three bizhub PRO models make operation easy with sophisticated on-board touch-screens, menus that feel more intuitive, and commands that enable your personnel to produce professional-looking documents with far less training. That can save labor costs — a significant advantage in a tight economy.

Higher throughput, lower cost. Which means extra savings for corporate central reprographic departments and data centers, greater capacity for in-house document printing, and increased profitability for print-for-pay and commercial print production — the bizhub PRO advantage.

#### Printing locally - but thinking globally.

In creating this new generation of print professionals, Konica Minolta has also maintained our long-standing commitment to protect the environment. We cut down on emissions, minimize pollutants and utilize recycled materials wherever possible in our manufacturing operations — aiming for reduced environmental impact throughout the life cycle of each bizhub PRO device.

High-yield toner keeps jobs printing and reduces cost of ownership. Toner bottles are designed for easy recycling. And you can change toner on the fly, with ACT™ (Advanced Continuous Toner) technology that lets you replenish supplies without interrupting production.





# Powerful technologies to boost print productivity.

WITH TECHNOLOGY INNOVATIONS THAT TAKE YOU BEYOND THE CAPABILITIES OF STANDARD PRINTERS AND MFPS, THESE PURPOSE-BUILT PROFESSIONALS LEAD THE INDUSTRY. FAIL-SAFE PAPER HANDLING AND PRECISE REGISTRATION ADJUSTMENT MAKE HIGH-QUALITY, LONG-RUN PRINTING MORE RELIABLE – AND MORE PROFITABLE. NEW LED EXPOSURE TECHNOLOGY ACHIEVES GREATER IMAGING PRECISION. AND ENHANCED SCREENING DELIVERS SUPERIOR GRAYSCALE REPRODUCTION, SO PHOTOS AND GRAPHICS LOOK MORE REALISTIC.

## Image quality that rivals offset printing.

At Konica Minolta, we work constantly to raise the bar in digital imaging. When you see the bizhub PRO 1200, 1200P and 1051 in action, you'll appreciate the results of our effort.

A new LED Exposure System achieves spectacular 1,200 dpi resolution, so even documents with complex graphics and small typefaces look better than ever. An innovative transfer belt system applies toner to paper with minimum diffusion for sharper, more precise print images.

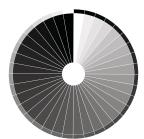
For more legible text, more natural halftone photos and more detailed graphic diagrams and illustrations, the bizhub PRO 1200 Series uses enhanced screening technologies with full 256-grayscale reproduction.





Exclusive Simitri® Polymerized toner for high-resolution detail and superior print quality.





Enhanced screening technologies with full 256-grayscale reproduction.

## Hands-off reliability, hour after hour.

To keep your bizhub PRO device on the job with maximum uptime, Konica Minolta has incorporated production-grade technology and engineering features – the kind that every pro will appreciate.

The bizhub PRO 1200, 1200P and 1051 all have rugged construction with many metal component parts. Internal heating units condition paper stock to eliminate curling from humidity. Air blowers in paper trays keep even heavy and coated stock moving smoothly. And ultrasonic sensors detect misfeeds to prevent paper jams before they occur.

High-capacity optional paper feed units (PF-703) are even equipped with vacuum-feed technology that allows them to handle a wide variety of media with ease — so whatever the print parameters of each job may be, your bizhub PRO will take them in stride.

#### Fine-tuned precision over time.

With legacy equipment, precise registration can be challenging to achieve — and to maintain through long print/copy runs.

Konica Minolta technology can provide front-to-back registration accuracy of 0.5mm or less, so your bizhub PRO maintains job integrity from first print to last. Independent adjustments for transversal direction, timing and image shift let you fine-tune your output — and creep adjustment in booklet mode eliminates a common cause of registration errors.

For large print runs on tight production deadlines, these technological advancements can make all the difference — for the quality of your output, the satisfaction of your client, and the competitiveness of your bottom line.



# In-line finishing options — over 40 right-size configurations.

A RIGHT-SIZE SOLUTION IS THE KEY TO PROFITABLE PRINT PRODUCTION — NO COMPROMISE, NO LIMITATION, NO OVERSTRESSED OR UNDERUTILIZED EQUIPMENT. WHEN YOU GO TO WORK WITH THE BIZHUB PRO 1200, 1200P OR 1051, YOU'LL HAVE EXACTLY THE SPEEDS, FUNCTIONS AND OPTIONS YOUR BUSINESS NEEDS — ALONG WITH BROADER FLEXIBILITY IN MEDIA HANDLING, COMPREHENSIVE FINISHING CAPABILITIES FOR MORE PROFESSIONAL RESULTS, AND OVER 40 SYSTEM CONFIGURATIONS (USING A COMBINATION OF THE COMPONENTS SHOWN BELOW) TO SUIT EVERY PRODUCTION ENVIRONMENT.

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## The right media for each job spec.

With bizhub PRO, you'll be able to match the requirements of virtually any job you print.

Two 1,500-sheet paper trays give you 3,000-sheet standard capacity. Your system can be configured with up to 8 paper trays, for a total of 14,000 sheets — outstanding capacity for such a cost-effective system.

Paper trays accept heavyweight media, from 40 all the way up to 350 G/M2 — which means heavy-stock specs won't require you to turn down special projects. The bizhub PRO 1200 and 1051 also let you copy up to 11" x 17" originals from a standard reversing Auto Document Feeder that loads up to 100 sheets — and all three bizhub PRO models print on paper sizes up to 12" x 18", preserving borders and crop marks.

The vacuum-feed technology of the optional PF-703 Paper Feed Unit keeps media running smoothly. The optional RU-506 Relay Unit provides paper conditioning and de-curling functions to maintain uptime and output even on humid workdays.

And for moving your print output quickly and easily to offline finishing or shipping stations, you can add two optional LS-505 Large-Capacity Stacker units to your system — each with 5,000-sheet capacity and rollaway cart design.

## Print it fast – and finish it right.

With their combination of blazing output speed and powerful auto finishing options, the bizhub PRO 1200, 1200P and 1051 are all designed to help you meet rising production demands.

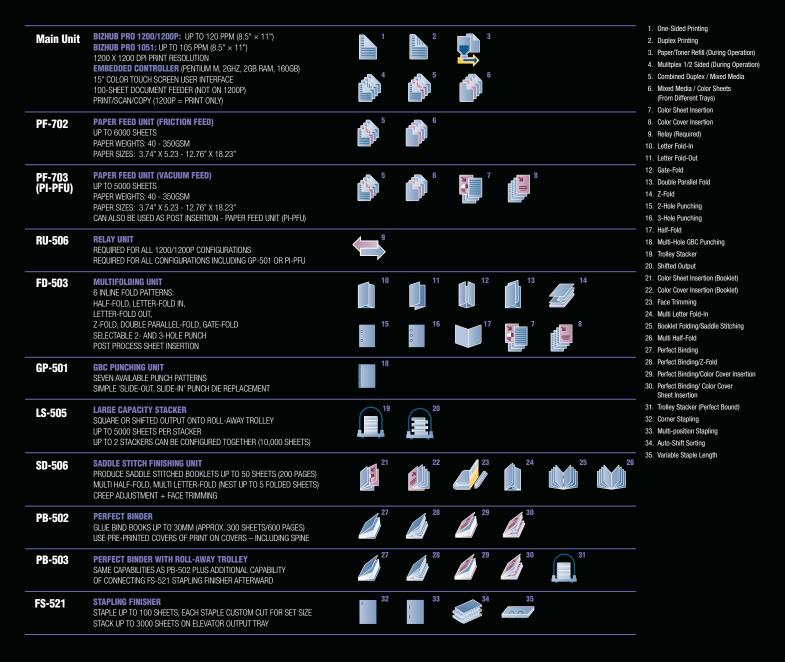
Option by option, you can build an all-in-one booklet-making, folding and stapling finishing system. The SD-506 Booklet-Maker saddle-stitches and trims booklets up to 200 pages, with large output capacity. The PB-502 and PB-503 Perfect Binding units can automatically create up to 600-page booklets, with hot-glue binding and in-line cover trimming.

To produce documents for offline spiral-bind finishing, the innovative GP-501 GBC Punching Unit supports all common punching schemes. You can easily change die sets to meet different job specs – and multi-hole punching is accomplished at full rated speed, so your output is never compromised.

The FS-521 Staple Finisher gives you multiposition, variable-length stapling of up to 100 sheets. The FD-503 Folding Unit provides 6 types of folding, including gatefold and z-fold — plus hole-punching and post-insertion functions. And the PI-PFU Post Inserter lets you add pages post-process, dressing up your documents with color covers and insert sheets.

With these and other Konica Minolta options, your production print system can be configured over 40 different ways — giving you a right-size bizhub PRO solution that keeps pace with your workload and grows with your business.







FAST OUTPUT. SUPERIOR QUALITY. POWERFUL OPTIONS. AND LONG-RUNNING RELIABILITY. ALL THESE SET THE BIZHUB PRO 1200 SERIES A SIGNIFICANT STEP AHEAD OF COSTLY OFFSET PRINTING EQUIPMENT. WITH BIZHUB PRO, YOU CAN ALSO TAKE ADVANTAGE OF SPECIAL FEATURES CONVENTIONAL PRODUCTION SYSTEMS CAN'T MATCH—INCLUDING BUILT-IN PRINT CONTROL, DIGITAL PRODUCTIVITY TO REDUCE JOB HANDLING AND QUEUE MANAGEMENT TIME, AND NETWORKING SOFTWARE THAT GIVES YOU TOTAL CONTROL OF YOUR PRODUCTION FLOOR.

#### Print control is built-in, not an add-on expense.

In many print production devices, print controller functionality can be an expensive add-on. With the bizhub PRO 1200 Series, print control is built in — for point-and-click productivity right from the start.

PCL5e/PCL6 and Adobe PostScript 3 interpreters handle the production needs of both Windows and Macintosh documents. The on-screen control interface is so simple, even a novice can print like a pro. And in the bizhub PRO 1200 and 1051, separate command sequences for print, copy and scan functions help to speed workflow and avoid confusion.

The on-board touch-screen control panel allows you to preview documents as thumbnail images before you print, so you can avoid time-wasting reprints if initial print settings don't meet your requirements. Graphic icons highlight paper tray and output tray, for easy setup. And valuable functions like Job Memory (up to 30 jobs), Recall, and Reserve help you manage multiple jobs in queue — to print or reprint quickly and easily.

# Better ways to print, scan, and manage your workflow.











#### Fast, flexible scanning - multiple destinations.

The bizhub PRO 1200 and 1051 also enable you to scan documents at up to 103 originals per minute, bringing information into your workflow faster by scanning, saving and sharing — so print files are readily accessible from any networked location on your print floor.

You can Scan-to-SMB, moving documents to secure mailboxes for review, editing and downloading. Scan-to-HDD, storing and reprinting files from built-in high-capacity hard disk drive built into your bizhub PRO. Scan-to-FTP, so any authorized network user can retrieve print documents. And Scan-to-Email, distributing both work files and print files to Email addresses anywhere on the Internet. You can also perform TWAIN scanning to save and retrieve images to/from your hard drive.

All this scanning power may seem unnecessary to traditional production print applications — and for environments that don't require scanning, the bizhub PRO 1200P provides economical, high-speed print-only performance with all other Konica Minolta advantages.

But in today's networked world, fast and flexible scanning can save steps and speed the production process. So digital scanning is a real plus.





# PageScope® and Printgroove®: superior production tools.

To help you manage your system, the bizhub PRO 1200 Series incorporates Konica Minolta's PageScope® software suite. Including PageScope Web connection, allowing you to check device status via your standard web browser. And PageScope Direct Print, to let you send PDF or TIFF files to your bizhub PRO device in just a few simple commands, without using print drivers.

For managing your entire production floor, Konica Minolta offers another ingenious software solution: Printgroove. It's the industry's most comprehensive, cost-effective and easyto-use production workflow system.

This award-winning production suite lets you input jobs 24/7 via the Internet, handle files in any format, create and update job tickets, select printers, track jobs and manage account information automatically.

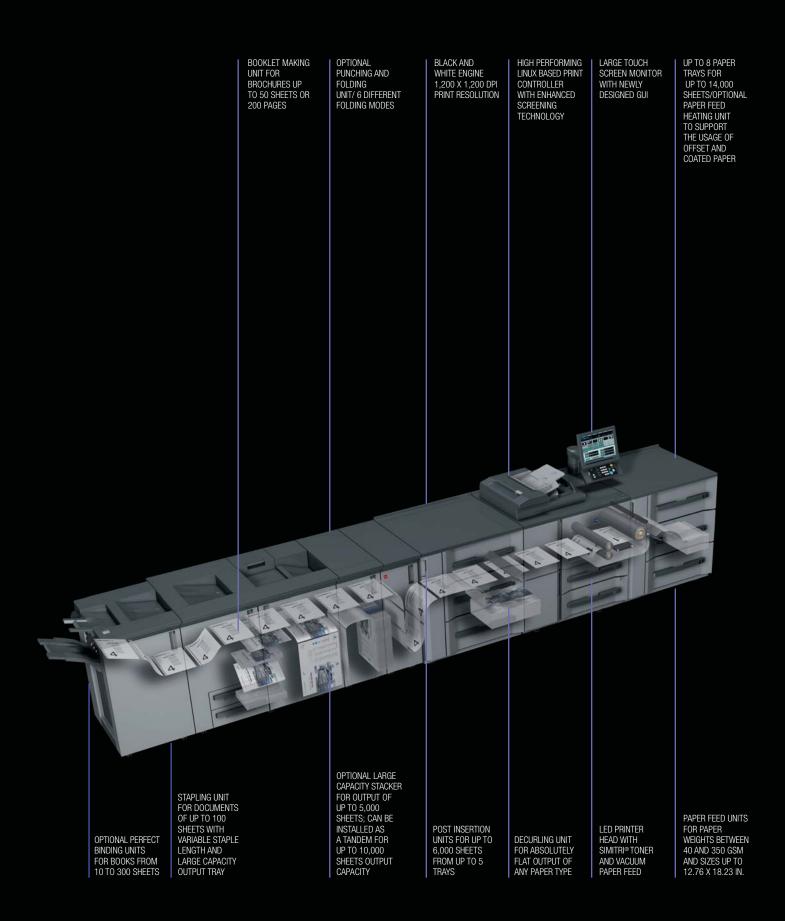
Printgroove modules can do it all: last-minute job ticket editing, device priority setting, CSV data import/export, powerful make-ready functions, workflow visualization with drag-and-drop icons (Konica Minolta® Canvas), even digital "white board" job tracking with real-time status display (Reflection for Printgroove®) — to maximize the power of your bizhub PRO production system.







# The power of quality, reliability and modularity.



#### PRINT SPEED LETTER:

UP TO 7,200 PPH

#### PRINT SPEED 11" X 17":

UP TO 70 PPM LIP TO 4 200 PPH

## Printer Specifications bizhub PRO 1051

#### PRINT SPEED LETTER:

UP TO 105 PPM UP TO 6.300 PPH

#### PRINT SPEED 11" X 17":

UP TO 60 PPM LIP TO 3 600 PPH

PRINT RESOLUTION: 1.200 X 1.200 DPI

**GRADATIONS: UP TO 256 LEVELS** 

#### **System Specifications**

PAPER WEIGHT: 40 - 350 GSM

**DUPLEX UNIT: NON-STACKING TYPE** 

#### PAPER SIZE:

MIN. 182 X 139 MM MAX. 324 X 463 MM

**MAXIMUM IMAGE AREA: 314 X 460 MM** 

#### **PAPER INPUT CAPACITIES:**

MAXIMUM: 14,000 SHEETS MAIN UNIT: UP TO 3,000 SHEETS PF-702: UP TO 6,000 SHEETS PF-703: IP TO 5,000 SHEETS

#### **MAXIMUM PAPER OUTPUT CAPACITY:**

2 LARGE STACKERS: 10,000 SHEETS LARGE CAPACITY TRAY OF FS-521: 3,000 PER SUBTRAY: 200 SHEETS

WARM-UP TIME: LESS THAN 480 SEC.

#### MAIN UNIT DIMENSIONS (W X D X H):

39.0" X 30.7" X 48.5"

MAIN UNIT WEIGHT: APPROX. 827 LBS.

## **Controller Specifications**

TYPE: EMBEDDED CONTROLLER

CPU: PENTIUM M 2.0 GHZ

RAM: 2 GB

HDD: 160 GB OR ABOVE

ETHERNET (10/100/1,000-BASE-T)

#### **PAGE DESCRIPTION LANGUAGES:**

PCL 5E/XL (PCL 6), ADOBE PS 3, TIFF, PDF

#### PRINTER DRIVERS:

WINDOWS VISTA (32/64), 2000/XP/SERVER 2003 MAC OS X 10.2, 10.4, 10.5

## Scanner Specifications (not for bizhub PRO 1200P)

#### SCAN SPEED LETTER:

UP TO 103 OPM UP TO 6.180 OPH

#### SCAN SPEED 11" X 17":

UP TO 60 OPM UP TO 3.600 OPH

#### SCAN RESOLUTION:

**SCAN MODES:** TWAIN SCAN SCAN-TO-HDD SCAN-TO-FTP SCAN-TO-SMB SCAN-TO-E-MAIL SCAN FORMATS PDF, TIFF, SECURED PDF, XPS

## Copier Specifications (not for bizhub PRO 1200P)

#### bizhub PRO 1200

#### **COPY SPEED LETTER**

UP TO 120 CPM UP TO 7,200 CPH

#### **COPY SPEED 11" X 17"**

UP TO 70 CPM UP TO 4.200 CPH

#### **COPY RESOLUTION**

MAX.: 600 X 600 DPI 256 GRADATIONS

#### bizhub PRO 1051

#### **COPY SPEED LETTER**

UP TO 105 CPM UP TO 6.300 CPH

## **COPY SPEED 11" X 17"**

UP TO 3,600 CPH BIZHUB PRO 1200

FIRST COPY: LESS THAN 2.8 SEC.

MAGNIFICATION: 25 - 400 % IN 0.1 % STEPS

MULTIPLE COPIES: 1 - 9.999

#### AUTOMATIC DOCUMENT FEEDER (NOT AVAILABLE ON BIZHUB PRO 1200P):

MAX · 100 SHFFTS

## **Paper Feed Units**

#### PF-702:

PAPER CAPACITY: UP TO 6,000 SHEETS PAPER WEIGHT: 40 - 350 GSM MIN. PAPER SIZE: 95 X 139 MM MAX. PAPER SIZE: 324 X 463 MM

#### PF-703 (CAN ALSO BE ATTACHED AS POST INSERTION UNIT):

3 DRAWERS WITH AIR-SUCTION TECHNOLOGY PAPER CAPACITY: UP TO 5,000 SHEETS PAPER WEIGHT: 40 - 350 GSM MIN. PAPER SIZE: 95 X 139 MM MAX. PAPER SIZE: 324 X 463 MM

#### **Relay Unit**

#### RU-506:

SHEET REVERSER ADAPTS PROCESSING SPEED TO 120 PPM (REQUIRED ON BIZHUB PRO 1051 FOR ATTACHEMENT OF GP-501)

## **Folding and Punching Unit**

#### FD-503:

PRE-PRINTED SHEET INSERTION (PI): 2 PI TRAYS FOR 500 SHEETS EACH PUNCHING (2 AND 3 HOLE) FOLDING (HALF-FOLD, Z-FOLD, GATE-FOLD, LETTER FOLD IN,LETTER FOLD OUT, DOUBLE-PARALLEL-FOLD) SUBTRAY FOR UP TO 200 SHEETS

#### **GBC** Punching Unit

#### GP-501:

PUNCHING OF LETTER SIZED SHEETS USER REPLACEABLE DIE SETS FOR: VELO BIND, PLASTIC COMB, WIRE BIND, COLOR COIL, 3-HOLE PAPER WEIGHT: 75 - 216 GSM

## **Saddle-stitching Unit**

BOOKLET MAKING OF UP TO 50 SHEETS (200 IMAGES) SADDLE STITCHING, TRIMMING SUBTRAY FOR UP TO 200 SHEETS MULTI LETTER FOLD IN (UP TO 5 SHEETS) MULTI HALF FOLD (UP TO 5 SHEETS)

#### **Stacking Unit**

#### LS-505:

UP TO 5,000 SHEETS STACKING CAPACITY TWO UNITS CAN BE INSTALLED IN TANDEM UP TO 10,000 SHEETS STACKING CAPACITY AUTO-SHIFT STACKING SUBTRAY FOR UP TO 200 SHEETS PAPER CLAMP MECHANISM

#### **Perfect Binding Units**

HOT MELT GLUE BINDING SYSTEM INTEGRATED 1-SIDE TRIMMING OF BOOKS FROM 307 X 221 MM BOOKS FROM 10 SHEETS UP TO 30 MM SPINE WIDTH COVER PAPER TRAY FOR UP TO 1,000 SHEETS SUBTRAY FOR UP TO 200 SHEETS BOOK STACKING CAPACITY OF UP TO 3,300 SHEETS

#### PB-503:

SAME AS PB-502, EXCEPT: TROLLEY BASED OUTPUT OF PERFECT BOUND BOOKS BOOK STACKING CAPACITY OUTPUT TRAY: 3,300 SHEETS TROLLEY: 3,300 SHEETS CAN BE COMBINED WITH STAPLING UNIT FS-521

#### **Stapling Unit:**

STAPLING OF UP TO 100 SHEETS 2-POINT AND CORNER STAPLING VARIABLE STAPLE LENGTH (CUTTING MECHANISM) OUTPUT FOR UP TO 3,000 SHEETS AUTO-SHIFT SORTING AND GROUPING

- All specifications relating to paper capacity refer to letter size paper of 80 gsm quality.
- All specifications relating to scanning, copying or printing speeds refer to letter size paper that is scanned, copied or printed in portrait orientation in multi-page, simplex mode.
- The support and availability of the listed specifications and functionalities varies depending on operating systems, applications, network protocols, as well as network and system configurations.
- Some of the product illustrations contain optional
- · Not all options available at the time of launch

#### COUNT ON KONICA MINOLTA

Konica Minolta Business Solutions U.S.A., Inc., is a fast-growing leader in advanced digital imaging systems. Print professionals count on Konica Minolta for bizhub PRO equipment that fulfills increasing demands for high-speed, low-cost color and B&W production. Konica Minolta also provides leadership technology in workflow management, print floor automation, advanced security and flexible networking to support a broad range of applications in corporate central reprographics, data centers, commercial and government printing and print-for-pay services.

With over 37,000 worldwide employees, cutting-edge research programs in optical and digital technology, a deep commitment to environmental protection, and the industry's most complete line of document imaging equipment from desktop to print shop, Konica Minolta was recognized by Brand Keys for the second consecutive year as the #1 Brand for Customer Loyalty in the MFP Office Copier Market. As long as you count on Konica Minolta, you've made the right decision.

For more information, please visit: www.CountOnKonicaMinolta.com

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