



KONICA MINOLTA

Count on the bizhub C452 for spectacular color and cost-effective B&W documents at up to 45 ppm. Exclusive high-speed image stabilization gives you superior detail with consistent quality – and Simitri® HD toner uses Biomass, a renewable organic resource that reduces environmental impact. Print/scan productivity is built in, with fast, flexible scanning to share information more easily. You'll be able to import and export files to/from User Boxes, use optional Bluetooth® printing for added convenience, and add a powerful Fiery® Image Controller for graphics-intensive applications. A compact Floor Finisher option provides modular functions such as 50-sheet stapling, 60-page booklet-making, and 2/3-hole punching – and you can add a Super G3 fax option and a Scan Accelerator Kit option for optimum performance with 3rd-party document management solutions. Speed, security and right-size design: that's why businesses count on bizhub.



a total document solution in **color** and **b&w**.



full color printer/copier/scanner/fax



bizhub C452

- 8.5" COLOR TOUCH-SCREEN WITH THUMBNAIL PREVIEW
- BUILT-IN EMPERON® PRINT SYSTEM, PCL6/PS3, NATIVE XPS
- UNIVERSAL PRINTER DRIVER: COMMON INTERFACE, STANDARD COMMANDS
- AWARD-WINNING MYTAB: QUICK ACCESS TO CUSTOM PRINT SETTINGS
- 78 OPM SCANNING WITH SCAN-TO-ME, SCAN-TO-HOME
- 6,650-SHEET PAPER CAPACITY FOR LONG PRINT/COPY RUNS
- FRONT ACCESS FOR USB PRINTING AND SCANNING
- STANDARD 250 GB HDD FOR HIGH-CAPACITY STORAGE
- BOOKLET-MAKING, STAPLING, 2/3-HOLE PUNCH OPTIONS
- i-OPTION™ KITS: SEARCHABLE PDF, WEB ACCESS, PDF ENCRYPTION
- SCAN ACCELERATOR KIT OPTION TO MAXIMIZE PRODUCTIVITY
- ENHANCED SECURITY FEATURES, VERSATILE AUTHENTICATION OPTIONS
- PAGESCOPE® SOFTWARE FOR SEAMLESS NETWORKING
- GREEN TECHNOLOGIES TO SAVE ENERGY, REDUCE WASTE

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Eco Vision 2050 is Konica Minolta's commitment to protect the environment – saving energy, preserving resources, promoting recycling and reducing CO₂ emissions by 20% in 2015 – and ultimately by 80% in 2050, to help sustain the environment for generations to come. Please visit our website to learn more about our environmental initiatives and our exclusive Clean Planet Program.

www.countonkonicaminolta.com

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General Specifications:

TYPE:	Full-Color Printer/Copier/Scanner with Stationary Platen
PRINT/COPY PROCESS; TONER TYPE:	Tandem Process; Simitri® HD Toner with Biomass
MONTHLY DUTY CYCLE:	150,000
PRINT/COPY SPEED:	Full Color: 45 ppm (letter, portrait), B&W: 45 ppm (letter, portrait)
PRINT/COPY RESOLUTION:	1800 dpi equivalent x 600 dpi
SCAN SPEED/SCAN RESOLUTION:	Full Color: 78 opm (@ 300 dpi, letter), 55 opm (@ 600 dpi, letter), B&W: 78 opm (@ 300 dpi, letter), 65 opm (@ 600 dpi, letter) / 200 dpi, 300 dpi, 400 dpi, 600 dpi
SCAN FILE FORMATS:	TIFF, PDF, Compact PDF, JPEG, XPS, Compact XPS
MEMORY/HARD DISK DRIVE:	2 GB (shared print, copy, scan and fax memory)/250 GB HDD (shared print, copy, scan and fax)
GRADATION:	256 color shades per pixel
ORIGINAL SIZE:	Up to 11" x 17" (scanning/copying), Up to 11" x 17" full bleed on 12" x 18" paper (printing)
COPY SIZE:	Tray 1 (universal cassette): 5.5" x 8.5" to 12" x 18", Tray 2 (universal cassette): 5.5" x 8.5" to 12" x 18", Tray 3 (fixed cassette): 8.5" x 11", 5.5" x 8.5", 4" x 6", Tray 4 (fixed cassette): 8.5" x 11", 5.5" x 8.5", 4" x 6", Bypass Tray: 4" x 6" to 12" x 18", 8" x 13"
WARM-UP TIME/FIRST COPY TIME:	30 seconds or less (from Sub SW), 45 seconds or less (from Main SW)/Full Color: 6 seconds or less (letter), B&W: 4.8 seconds or less (letter)
COPY QUANTITY:	1 – 9,999
MAGNIFICATION:	Zoom range: 25% – 400%, 0.1% increments, Preset reduction: 79%, 73%, 65%, 50%, Preset enlargement: 121%, 129%, 155%, 200%
COLOR MODES:	Auto Color, Full Color, Black & White, 2-Color, Single Color
COPY EXPOSURE MODES:	Text (legible text), Text/Photo (clear text and halftones), Photo (optimized for gradations), Map (fine edges and legible text), Dot Matrix (dot matrix or pencil originals), Copied Paper
FAXING (optional):	Super G3 compatibility, MH, MR, MMR, JBIG data compression, 33.6 Kbps modem speed, F-Code support
FAX TRANSMISSION SPEED:	Less than 3 seconds/page (JBIG, standard resolution)
FAX EXPOSURE MODES:	Text, Text/Photo, Photo, Dot Matrix
STANDARD PAPER CAPACITY:	500-sheet universal cassette (17 lb. bond to 140 lb. index), 500-sheet universal cassette (17 lb. bond to 140 lb. index), 1,500-sheet cassette (17 lb. bond to 140 lb. index), 1,000-sheet cassette (17 lb. bond to 140 lb. index), 150-sheet bypass (17 lb. bond to 100 lb. cover or up to 300 gsm)
MAXIMUM PAPER CAPACITY:	6,650 sheets (total, with options)
DOCUMENT FEEDER (standard):	Reversing Automatic Document Feeder, Speed: Full Color: 78 opm, B&W: 78 opm, Paper Capacity: 100 Sheets, Paper Size: 5.5" x 8.5" to 11" x 17", Paper Weight: Single-sided: 9.25 lb. bond to 55.75 lb. bond, Double Sided or mixed: 13.25 lb. bond to 34 lb. bond
POWER REQUIREMENTS/CONSUMPTION:	120V, 60Hz/Less than 2,000W
DIMENSIONS (W x D x H)/WEIGHT:	25.5" x 36"(30.5" without control panel) x 42.25"(includes RADF)/487.81 lb.
OPTIONS:	AU-102 Biometric Authentication Unit, AU-201H HID Card Authentication Unit, AU-202H HID iClass Card Authentication Unit, AU-204H Magnetic Stripe Card Reader, C652 Series/C360 Series Fax Kit, EK-604 USB Interface for External Keyboard, EK-605 USB Interface for External Keyboard and Bluetooth Support, External Keyboard, FK-502 Fax Board, FS-527 Floor Finisher, IC-412 Image Controller (EFI Fiery Controller), JS-504 Job Separator Tray, JS-603 Job Separator Tray (3rd Output Tray), KH-101 Keyboard Holder, LK-101 v2 i-Option, LK-102 i-Option, LK-105 i-Option, LU-204 Large Capacity Unit, LU-301 Large Capacity Unit, MK-720 Fax Connection Kit, OT-503 Output Tray (Exit Tray), PK-517 Punch Kit, SA-502 Scan Accelerator Kit, SC-507 Copy Guard Kit, SD-509 Saddle Stitcher Kit, Spare TX Marker Stamp 2, SP-501 Fax Stamp Unit, UK-203 i-Option Memory Upgrade Kit, WT-506 Working Table, VI-505 Video Interface Kit for IC-412
AVAILABLE PRINT/COPY FUNCTIONS:	Account Track (1,000 accounts), Administration Mode, Auto Duplex, Auto Trapping, Auto Tray Switching, Bi-Directional Communication, Black Over Print, Card Shot, Color Modes & Functions (Auto Color/Full Color, Black & White Mode, Single Color Mode, 2-Color Mode), Color Adjustments, Copy Guard, Copy Modes (Simplex/Duplex, 2-in-1, 4-in-1, 8-in-1, Book, Booklet, Booklet + Bind), Cover Mode, Creative Functions (Mirror Image, XY Zoom, Image Center, Base Color, Neg./Pos. Reverse, Image Repeat), Encrypted Network Password Printing, Energy Save Mode, Enlarge Display, Erase (Border, Frame, Edge) Mode, Finishing (Group, Sort, Staple, Punch, Half-Fold, Center Staple and Fold), Form Overlay, Glossy Mode, HDD Encryption, HDD Job Overwrite, HDD Sanitizing, Image Adjustments (Color Matching, Pure Black Auto ON/OFF, Color Balance, Screen Settings, Image Smoothing ON/OFF), Image Preview (Job Finishing Image Display, Engine Configuration Display), Interrupt, Job List, Job Reserve, Job Skip, LDAP, Mixplex, Mix-Media, MyTab, Non-Image Area Erase, OHP Interleaving, Password Copy, Program/Recall Jobs, Paper Type Selection (Normal, Thick 1/1+, Thick 2, Thick 3, Thick 4), Print Modes (Simplex/Duplex, 2-in-1, 4-in-1, 6-in-1, 9-in-1, 16-in-1, Booklet, Booklet + Bind), Print from USB, Proof Copy, Secure Printing, Separate Scan, Text Enhancement, User Authentication (Up to 20 Authentication Servers) (Synchronize w/Account Track), User Box Function, Utility (Meter Count, Environment Setting, Default Setting, One-Touch Setting, Check Consumables Life), Watermark, Zoom Selection
AVAILABLE SCAN FUNCTIONS:	Scan-to-Email, Scan-to-FTP, Scan-to-HDD (Scan-to-User Box), Scan-to-Me/Scan-to-Home, Scan-to-SharePoint, Scan-to-SMB (Scan-to-Desktop), Scan-to-USB, Scan-to-WebDAV, Color Internet Fax, Network TWAIN, WS-Scan
AVAILABLE FAX FUNCTIONS:	Autodialing (2,000 one-touches), Auto Memory Reception, Auto Reduction Printing, Broadcasting (maximum 605 locations), Bulletin Board, Duplex Transmission/Reception, Exposure Mode, Group Dialing (up to 500 one-touches per group), Image Rotation Transmission/Reception, Mailbox Transmission/Reception, Memory/Quick Dial, Overseas Transmission, Password Transmission/Reception, PC-Fax, Polling Transmission/Reception, Priority Transmission, Print Setting or Overnight Reception, Program Dialing (400 programs), Redial, Relay Broadcasting, Relay Transmission, Remote Reception, Timer Transmission, TSI Routing
APPLICATIONS:	Network & Device Management: PageScope Data Administrator, Driver Packaging Utility, HDD Back-Up Utility, Download Manager (ICC Color Profile Utility), Log Management Utility User Tools: PageScope Web Connection, PageScope Direct Print, PageScope Box Operator, PageScope Print Status Notifier, Font Management Utility, Copy Protect Utility, Print Utility for Unix bizhub vCare support
MANAGEMENT TOOLS:	
OPTIONAL SOFTWARE:	PageScope Enterprise Suite: PageScope Account Manager, PageScope Authentication Manager, PageScope MyPrint Manager, PageScope MyPanel Manager, PageScope NetCare Device Manager (standard)
Emperon Print System (standard):	
PROCESSOR; MEMORY/HARD DISK DRIVE:	1 GHz (MC 7448); 2 GB (shared copier memory)/250 GB (shared copier HDD)
PAGE DESCRIPTION LANGUAGE; FONTS:	PCL5e/c, PCL6 (XL v3.0) Emulation, PS3 (v3016) Emulation, XPS v2.1.4.0 (XML Paper Specification); PCL: 80 fonts, PostScript 3 Emulation: 137 fonts
PRINT DRIVERS:	PCL6: Windows 2000 Professional, Windows NT 4.0, Windows XP Home/Professional (x32, x64), Windows Vista (x32, x64), Windows 7 (x32, x64), Windows Server 2003 (x32, x64), Windows Server 2008 (x32, x64) PS3: Windows 2000 Professional, Windows XP Home/Professional (x32, x64), Windows Vista (x32, x64), Windows 7 (x32, x64), Windows Server 2003 (x32, x64), Windows Server 2008 (x32, x64) Universal PS3 and PCL: Windows 2000, Windows XP Windows Vista, Windows 7 (x32, x64), Windows Server 2003, Windows Server 2008 (x32, x64) XPS: Windows Vista (x32, x64), Windows 7 (x32, x64), Windows Server 2008 (x32, x64) Mac: OS 9.2 (PPD file), OS X 10.2, 10.3, 10.4; Intel-based: 10.4 (print driver), 10.5, 10.6
INTERFACE:	10 BASE-T/100 BASE-TX/1000 BASE-T, USB 1.1, USB 2.0
PROTOCOLS:	TCP/IP, IPX/SPX, AppleTalk (EtherTalk), LPR, SMB, LPD, Netware (4.x, 5, 6), Pserver, Nprinter, NDPS, IPP 1.1, SMTP, POP3, LDAP, SSL/TLS, SNMP, HTTP/HTTPS, IPv6, DPWS (WSD)
Fiery IC-412 Embedded Image Controller (optional):	
PROCESSOR; MEMORY/HARD DISK DRIVE:	Intel Celeron 1.86 GHz FSB 533 MHz; 512 MB (standard/max)/80 GB HDD
PAGE DESCRIPTION LANGUAGE; FONTS:	PCL6, Adobe PostScript 3 (version 3017); PCL: 80 fonts, Adobe PS3: 136 fonts
PRINT DRIVERS:	PCL6, PS3: Windows 2000, Windows XP (x32, x64), Windows Vista (x32, 64), Windows 7 (x32, x64), Windows Server 2003, Windows Server 2008 (x32, x64)(utilities only) Mac: OS 9.2 (PPD file), OS X 10.2, 10.3, 10.4; Intel-based: 10.4 (print driver), 10.5, 10.6
INTERFACE:	10 BASE-T/100 BASE-TX/1000 BASE-T, RJ45
PROTOCOLS:	TCP/IP, IPX/SPX, AppleTalk (EtherTalk), LPR, SMB, NDPS Gateway on Netware 5.0 or later, IPP, LDAP, SSL/TLS, SNMP, HTTP/HTTPS, IPv6
STANDARD SOFTWARE:	EFI Command Workstation, ColorWise ProTools, EFI Spot-On, EFI WebTools, Fiery Remote Scan, Fiery VUE
OPTIONAL SOFTWARE:	Hot Folders/Virtual Printers, Auto Trapping, Secure Erase, SeeQuence Impose, SeeQuence Compose, Impose+Compose Suite, Color Profiler Suite v3.0 UV ES-1000, Color Profiler Suite v3.0 (software only), ES-1000 Spectrophotometer



Konica Minolta Optimized Print Services offers a full suite of device output and services and workflow solutions that increase efficiency and control costs. Please contact your authorized Konica Minolta sales representative for details.

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