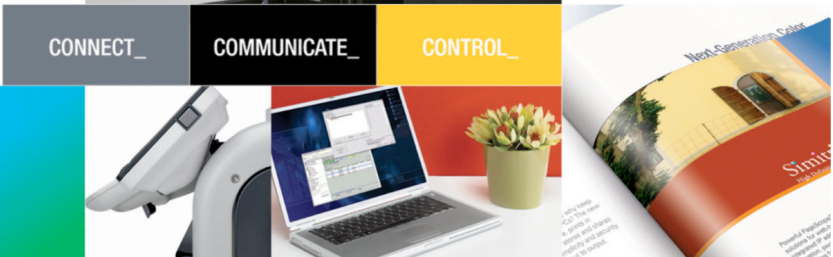




bizhub C451



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GENERAL SPECIFICATIONS:

TYPE:

Full-Colour Printer/Copier/Scanner w/ Stationary Platen

PRINT/COPY PROCESS:

Tandem Process

TONER TYPE:

Simitri® HD Colour Polymerized Toner

MONTHLY DUTY CYCLE:

150,000

PRINT/COPY SPEED:

Full Colour 45 ppm (letter, portrait)
B&W: 45 ppm (letter, portrait)

SCAN SPEED:

Up to 70 opm

PRINT/COPY RESOLUTION:

1800 dpi (equivalent) x 600 dpi

GRADATION:

256 Colour 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:

1st & 2nd Tray: 12" x 18" to 8.5" x 11",
12.25" x 18", 8" x 13"
3rd & 4th Tray: 8.5" x 11", 5.5" x 8.5",
4" x 6"
Bypass Tray: 12" x 18" to 5.5" x 8.5",
12.25" x 18", 4" x 6", 8" x 13"

*This setting must be changed by an authorized
Konica Minolta Service Technician.

WARM-UP TIME:

Less than 30 seconds

FIRST COPY:

Full colour: less than 6.5 seconds (letter)
B&W: Less than 4.8 seconds (letter)

COPY QUANTITY:

1 – 9,999

PAPER SUPPLY:

500-sheet multi-purpose cassette
(17 lb. bond to 140 lb. index (256 gsm))
500-sheet universal cassette
(17 lb. bond to 140 lb. index (256 gsm))
1,500 sheet letter-size cassette
(17 lb. bond to 140 lb. index (256 gsm))
1,000 sheet letter-size cassette
(17 lb. bond to 140 lb. index (256 gsm))
150-sheet bypass
(17 lb. bond to 100 lb. cover (300 gsm))

MAGNIFICATION:

Zoom range: 25% – 400%,
0.1% increments
Preset reduction: 79%, 73%, 65%, 50%
Preset enlargement: 121%, 129%,
155%, 200%

COLOUR MODES:

Auto Colour Mode
Full Colour Mode
Black & White Mode
2- Colour Mode
Single Colour Mode

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 originals)
Copied Paper

MAXIMUM PAPER CAPACITY:

6,650 sheets (total, with options)

Available Print/Copy Functions

Account Track (1,000 accounts)
APS/AMS
Auto Duplex
Auto Reset
Auto Tray Switching
Bi-Directional Communication
(Device Option Setting)
Box Function Colour Mode
(Store Copy Jobs, Print Jobs,
Scans, Fax Data, Print Stored Data,
Route Scanned Data)
Colour Mode & Functions
Auto Colour/Full Colour
Black & White Mode
Single Colour Mode
2- Colour Mode
Colour Adjustments (Brightness,
Contrast, Saturation, Sharpness, Red,
Green, Blue, Portrait, Hue Density,
Colour Balance, Copy Density, Sample
Copy)
Copy Modes
(Simplex/Duplex, 2-in-1, 4-in-1,
8-in-one, Book, Booklet, Booklet + Bind)
Cover Mode
Creative Functions
(Mirror Image, XY Zoom, Image
Center, Base-Color, Neg./Pos.
Reverse, Image Repeat)
Criss-Cross Sorting
Distribution No. Printing
Energy Save Mode
Enlarge Display
Erase (Border, Frame, Edge) Mode
Finishing (Group, Sort, Staple,
Punch, Half-Fold, Center Staple
and Fold and Tri-Fold)
Form Overlay
Glossy Mode
HDD Random Erase
Image Adjustments
(Colour Matching, Pure Black
Auto ON/OFF, Colour Balance, Screen
Setting, Image Smoothing ON/OFF)
Image Density Adjustment
(Density, Background Removal)

Image Preview (Job Finishing

Image Display, Engine
Configuration Display)
Interrupt
Job List
Job Erase
Job Reserve
LDAP
OHP Interleaving
Mixplex, Mix-Media
Program/Recall Jobs
Paper Size Selection (APS, Manual)
Paper Type Selection
(Normal, Thick 1/1+, Thick 2,
Thick 3, Thick 4)
Proof Copy
Secure Printing
Separate Scan
Sleep Mode
Text Enhancement
User Authentication
(Synchronize w/ Account Track)
Utility (Meter Count, Environment Setting,
Default Setting, OneTouch Setting,
Check Consumable Life, Admin. Mode)
Watermarks
Zoom Selection
(AMS, Fixed Zoom Ratio,
User Programmable Zoom
Ratio, Manual)

Available Scan Functions*

Scan-to-Email
Scan-to-FTP
Scan-to-SMB (Scan-to-Desktop)
Scan-to-HDD (Scan-to-User Box)
Network TWAIN

Available Fax Functions*

Autodialing (2,000 one-touch keys)
Auto Memory Reception
Auto Reduction Printing
Border Erase Transmission
Broadcasting
(maximum 600 locations)
Bulletin Board
Density Adjustment
Duplex Transmission/Reception

Available Fax Functions* (cont.)

Exposure Mode
 (Text, Text/Photo, Photo, Dot Matrix)
 Group Dialing
 (up to 500 one-touches per group)
 Image Rotation Transmission/Reception
 Mailbox (Private) Transmission/Reception
 Memory/Quick Dial
 Mixed Originals Transmission
 Original Size Designation
 Overseas Transmission
 Password Transmission/Reception
 PC Fax
 Polling Transmission/Reception
 Priority Transmission
 Print Setting for Overnight Reception
 Program Dialing (400 programs)
 Redial
 Relay Broadcasting
 Relay Transmission
 Remote Reception
 Timer Transmission

FAXING (with fax option):

Super G3 compatibility;
 JBIG data compression
 33.6 Kbps modem speed
 F-Code Support

FAX TRANSMISSION SPEED:

Approximately 3 seconds/page

FAX EXPOSURE MODES:

Text, Text/Photo, Photo, Dot Matrix

Emperon™ Print System**PROCESSOR:**

867MHz

RAM:

1024 MB (shared scan
 and copier memory)

HARD DISK DRIVE:

60 GB (shared scan and copier HDD)

PAGE DESCRIPTION LANGUAGE:

PCL 6 (XL version 3.0) Emulation
 PS3 (Version 3015) Emulation

FONTS:

PCL Resident Fonts: 80 outline
 PS3 Emulation Resident Fonts:
 137 outline

PRINT DRIVERS:

PCL 6:
 Windows 2000, Windows XP
 (Home/Professional)
 Windows Server 2003, Windows XP
 Professional x 64, Windows Server
 x 64, Windows NT 4.0
 Vista Compatibility
 (please see www.mykonicaminolta.com
 for the latest information)

PRINT DRIVERS:

PS3 Emulation:
 Windows 2003, Windows XP
 (Home/Professional),
 Window Server 2003, Windows XP
 Professional x 64
 Mac OS9.2 (PPD), Mac X 10.2, 3, 4
 Linux
 TWAIN Driver:
 Windows 2000/XP/XP 64-bit or later

STANDARD INTERFACES:

Ethernet 10/100/1000 BaseT,
 Hi-Speed USB (2.0)

STANDARD DOCUMENT FEEDER:

DF-611 Automatic Document Feeder
 Paper Capacity: 100 sheets
 Paper Size: 5.5" x 8.5" to 11" x 17"
 Paper Weight: Single-sided:
 9.25. bond to 55.75 lb.
 Double-sided: 13.25 lb. bond
 to 34 lb. bond

POWER REQUIREMENTS:

120 V, 60 Hz

POWER CONSUMPTION:

Less than 1.92 KW

DIMENSIONS: (W x D x H):

25.5" x 30.5" w/o control panel)
 36" (with control panel) x 45.25"
 (standard configuration)

WEIGHT: 418.5 lbs.**OPTIONS:**

AU-101 Biometric Authentication Unit
 EK-602 Local Interface
 (USB 2.0 Host, for AU-101 only)
 FK-502 Fax Kit
 FS-519 Staple Finisher
 LU-301 Large Capacity Unit
 ML-501 Fax Multi Line
 MT-502 Mailbin Kit
 OT-503 Output Tray
 OT-602 Additional Output Tray
 PK-510 Punch Kit Unit
 SA-501 Scan Accelerator Kit
 SC-503 HDD Encryption Kit
 SD-505 Saddle Stitcher
 SP-501 Stamp Unit (For DF-611)
 Spare TX Marker
 WT-502 Working Table

PROTOCOLS:

TCP/IP
 IPX/SPX
 AppleTalk (EtherTalk)
 LPR
 SMB
 LPD
 Netware (4.x, 5, 6)
 Pserver
 N Printer
 NDPS
 IPP 1.1
 SMTP
 POP3
 LDAP
 SSL
 SNMP
 HTTP

Applications**NETWORK DEVICE MANAGEMENT:**

PageScope NetCare
 PageScope NDPS Gateway
 PageScope EMS Plug-Ins
 PageScope Network Setup
 PageScope Data Administrator
 Driver Packaging Utility
 HDD Backup Utility
 Log Management Utility*
 PageScope Web Connection
 Plug-In for WebJet Admin*

USER TOOLS:

PageScope Direct Print
 PageScope Box Operator
 PageScope Print Status Notifier
 Font Management Utility
 Copy Protection Utility
 Print Utility for Unix*

MANAGEMENT TOOLS:

bizhub Vcare capable

OPTIONAL SOFTWARE

PageScope Workware



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