KONICA MINOLTA Bizhub C450 SPECIFICATIONS

GENERAL SPECIFICATIONS

TYPE:
Full-Color Printer/Copier/Scanner
With Stationary Platen

PRINT/COPY PROCESS:
Tandem Process

IMAGING SYSTEM:
Simitri® Color Polymerized Toner

MONTHLY DUTY CYCLE:
125,000 pages
Sample Copy

PRINT/COPY SPEED: 45 ppm

SCAN SPEED:
Up to 38 opm

COPY RESOLUTION:
600 x 600 dpi

PRINT RESOLUTION:
600 x 600 dpi
(enhanced resolution: 600 x 1800 dpi)

HARD DISK DRIVE:
40 GB

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:
Multi-Purpose Cassette: 4" x 6" to 12" x 18"
Universal Cassette: 5-1/2" x 8-1/2" to 11" x 17"
Multiple (Intelligent) Bypass: 4" x 6" to 12" x 18"

WARM-UP TIME:
Less than 99 seconds

FIRST COPY:
Full color: less than 8.5 seconds (letter)
B&W: less than 5.5 seconds (letter)

COPY QUANTITY: 1 – 999

COLOR MODES:
Auto Color, Full Color, Black & White
2-Color, Single Color 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

DATA COMPRESSION:
MH, MR, MMR, JBIG

STANDARD PAPER SUPPLY:
250-sheet multi-purpose cassette
(16 lb. bond to 140 lb. index)
500-sheet universal cassette
(16 lb. bond to 140 lb. bond)
150-sheet bypass
(16 lb. bond to 140 lb. index)

MAXIMUM PAPER CAPACITY:
3,400 sheets (total, with options)

DOCUMENT FEEDER:
DF-601 Automatic Doc. Feeder

Paper Capacity: 100 sheets
Paper Size: 5-1/2" x 8-1/2" to 11" x 17"
Paper Weight: Single-sided:
10 lb. bond to 110 lb. index;
Double-sided: 13 lb. bond to 28 lb. bond

POWER REQUIREMENTS:
120 V, 60 Hz

POWER CONSUMPTION:
Less than 1.5 kW

DIMENSIONS (W x D x H):
C450: 27-3/4" x 30" x 35-3/4"
(standard configuration)

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

WEIGHT:
C450: 275 - 1/2 lbs

Account Track (up to 1,000 accounts)
AP/AMS
Auto Duplex
Auto Reset
Auto Tray Switching
Bi-Directional Communication
 (Device Option Setting)
Box Function
 (Store Copy Jobs, Print Jobs, Scans, Fax Data,
 Print Stored Data, Route Scanned Data)
Color Modes & Functions
 Auto Color/Full Color
 Black & White Mode
 Single Color Mode
 2-Color Mode
 Color Adjustments (Brightness, Contrast,
 Saturation, Sharpness, Red, Green, Blue,
 Portrait, Hue Density, Color Balance,
 Copy Density)
 Sample Copy
Copy Modes
 (Simplex/Duplex, 2-in-1, 4-in-1, 8-in-one,
 Book Separation, Booklet Creation, Catalog,
 Binding)
Cover Mode
Creative Functions
 (Mirror Image, Image Repeat, XY Zoom,
 Image Centering, Base Color, Negative/
 Positive Reverse)
Criss-cross Sorting
Distribution Number Printing
Energy Save Mode
Enlarge Display
Erase (Frame, Book Frame, Book Center) Mode
Finishing (Group, Sort, Staple, Punch,
 Booklet Center-Fold & Staple, Center- Crease
 & Staple)
Form Overlay
Glossy Mode
HDD Random Erase
Image Adjustments
 (Color Matching, Pure Black Auto ON/OFF,
 Color Balance, Screen Setting, Image
 Smoothing ON/OFF)

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Image Density Adjustment (Density, Background:
Removed
Image Preview (Job Finishing Image Display,
Engine Configuration Display)
Interrupt
Job List
Job Erase
Job Reserve
LDAP/up to 5 LDAP Servers/Global LDAP
OHP Interleaving
Mixplex, Mix-Media
Paper Size Selection
(APS, Manual)
Paper Type Selection
(Normal, Thick 1, Thick 2, Thick 3, OHP)
Program/Recall Jobs
Proof Print
Secure Printing
Separate Scan
Sleep Mode
Text Enhancement
User Authentication (Synchronize with Acc. Track)
User Box Function (Store Copy Jobs/Scans/
Fax Data, Print Stored Data, Route Scanned Data
Utility (Meter Count, Environment Setting,
Default Setting, One-Touch 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

EMPERON PRINT SYSTEM

PROCESSOR:
600 MHz (PPC750FX)
RAM:
512 MB (standard; shared scan
and copier memory)

HARD DISK DRIVE:
40 GB (standard copier memory)

PAGE DISCRIPTION LANGUAGE:
PCL 5e/5c Emulation
PCL6 (XL version 2.1) Emulation
PS3 Emulation

FONTS:
PCL Resident Fonts:
80 outline + 1 bitmap
PS3 Emulation Resident Fonts:
136 outline

PRINT DRIVERS:
PCL6:
Windows 98SE/ME (PPD file),
2000/XP/2003/NT 4.0 SP6
Windows VISTA
Windows 7
(Print Drivers)
Mac OS 9.2 or later,
Mac OS X 10.2,
Mac OS X 10.3, and
Mac OS X 10.4 (PPD files)

PROTOCOLS:
TCP/IP
IPX/SPX (NDS)
AppleTalk (EtherTalk)
LPR
SMB
LPD
NetBEUI
Pserver (Novell 4.x, 5, 6/NDS)
N Printer
NDPS
IPP 1.1
SMTP
POP3
LDAP
SSL
SNMP
HTTP 3.0