KONICA MINOLTA

bizhub
C450P

35 ppm color speed for high-impact color communications, so you can produce spectacular brochures, presentations, reports and resource documents in-house and on-demand.

45 ppm B&W speed for economical everyday business output, making the bizhub C450P a true monochrome replacement for your current B&W printer – with fast first-copy time of 5.5 seconds and productivity to meet high-volume document demands.

Simitri® Color Polymerized Toner improves the quality of all your documents with Konica Minolta's exclusive technology to enhance edge detail and sharpen text.

bizhub OP: Konica Minolta's advanced design for multifunction productivity. With bizhub Architecture, to run all functions on one CPU and memory subsystem for improved performance, security and account management. Next-generation Emperon™ Print System, to streamline document output with simple user interface. And coming soon, bizhub Open API – for custom integration with future third-party software.

Emperon Print System lets you handle document needs more efficiently – printing and finishing with desktop point-and-click simplicity.

Security features provide User Authentication, Account Track and security enhancements to protect your information.

Heavy paper stock can be loaded in all universal drawers – up to 140 lb. index can be automatically duplexed, and you'll also have the ability to print on envelopes and coated stock.

Modular finishing options include 60-page booklet making, stapling, hole-punching, grouping and sorting, cover insertion – everything you need to eliminate tedious hand-finishing.

Powerful PageScope software – a total suite of solutions for device management, document control, networking integration and administrative productivity.

Full Color Printer. In high-speed printing, it's the best of both worlds. Spectacular, cost-effective color when you need it. Plus workhorse B&W, for economical everyday document power. With print control built in – and powerful PageScope™ software. That's why your business needs the bizhub™ C450P.

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The essentials of imaging

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General Specifications

TYPE:
Full-Color Printer

PRINT/COPY PROCESS:
Tandem Process

IMAGING SYSTEM:
Simitri® Color Polymerized Toner

MONTHLY DUTY CYCLE:
125,000 pages

PRINT SPEED:
Full Color: 35 ppm (letter, portrait)
B&W: 45 ppm (letter, portrait)

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

GRADATION:
256 color shades per pixel

PRINT 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 Bypass:
    4" x 6" to 12" x 18"

WARM-UP TIME:
Less than 99 seconds

FIRST PRINT:
Full Color: Less than 8.5 seconds
    (letter)
B&W: Less than 5.5 seconds
    (letter)

PRINT QUANTITY:
1 - 999

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

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

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

POWER REQUIREMENTS:
120 V, 60 Hz

POWER CONSUMPTION:
Less than 1.5 kW

DIMENSIONS (W x D x H):
27-3/4" x 30-1/8" x 23"

WEIGHT: 196 lbs.

OPTIONS:
PC-102 Paper Feed Cabinet
    (500 sheets)
PC-202 Paper Feed Cabinet
    (500 sheets x 2)
PC-402 Large Capacity Tray
    (2,500 sheets)
FS-603 Booklet Finisher
PK-501 Punch Kit
    (for FS-603 Booklet Finisher)
FS-507 Staple Finisher
JS-601 Option Tray
    (for FS-507 Staple Finisher)
EK-702 Parallel/USB 2.0 I/F Kit
MC-501 Mechanical Counter
DK-501 Copy Desk
MK-703 Enhanced Option
    Connection
HD-501 40 GB Hard Disk Drive

Available Print Functions*

Account Track
Auto Duplex
Auto Reset
Auto Tray Switching
Bi-Directional Communication
    (Device Option Setting)
Cover Mode
Criss-cross Sorting
Distribution No. Printing
Energy Save Mode
Enlarge Display
Erase Mode
    (Border, Frame, Edge)
Finishing
    (Group, Sort, Staple, Punch,
    Center-Fold, Center-Staple)
Form Overlay
Glossy Mode
HDD Random Erase
Job Erase**
Paper Size Selection
    (APS, Manual)
Paper Type Selection
    (Normal, Thick 1, Thick 2,
    Thick 3, OHP)
Proof Print
Secure Printing
Sleep Mode
Utility (Meter Count, Environment
    Setting, Default Setting,
    One-Touch Setting, Check
    Consumable Life, Admin. Mode)
Watermarks

Emperon Print System:

PROCESSOR:
600 MHz

RAM:
512 MB

HARD DISK DRIVE:
40 GB

PAGE DESCRIPTION LANGUAGE:
PCL 5e/5c Emulation
PCL 6 (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,
    2000/XP/2003, NT 4.0 SP6
PS3:
    Windows 98/ME (PPD file)
    2000/XP/2003 (Print Driver)
    NT 4.0 (Print Driver)
    Mac OS 9.2 or later,
    Mac OS X 10.2 and 10.3
    (PPD files)
TWAIN Driver:
    Windows 98SE/ME, 2000/XP,
    NT 4.0 SP6

INTERFACE:
Ethernet 10/100 BaseT
Parallel IEEE 1284 (optional)
USB 1.1, 2.0 (optional)

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

PAGESCOPE APPLICATIONS:
Network & Device Management
    PageScope WorkWare™ **
    PageScope EMS Plug-Ins
    PageScope NDPS Gateway
    PageScope Net Care
    PageScope Network Setup
    PageScope Web Connection
    (embedded)
    PageScope Data Administrator™
    PageScope Job Spooler

Item #: C450PSS
09/05