



KONICA MINOLTA

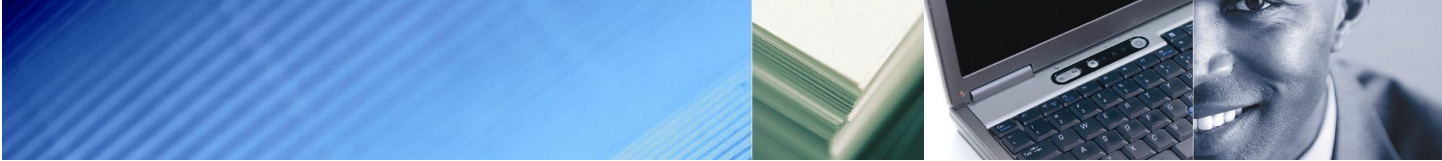


# bizhub 420

CONNECT

COMMUNICATE

CONTROL



## bizhub 420

### GENERAL SPECIFICATIONS:

**TYPE:**  
Digital Printer/Copier/Scanner/Fax

**TONER TYPE:**  
Simitri® Polymerized Toner

**MONTHLY DUTY CYCLE:** 150,000

**PRINT/COPY SPEED:**  
B&W: 42 ppm (letter, portrait)

**SCAN SPEED:** Up to 70 opm

**PRINT/COPY RESOLUTION:**  
1200 dpi equivalent x 600 dpi

**MEMORY:**  
Page memory: 192 MB (Standard)  
System memory: 384 MB (Standard)

**HARD DISK DRIVE:**  
40 GB (optional)

**ORIGINAL SIZE:**  
Up to 11" x 17" (scanning/copying)

**PAPER SIZE:**  
5.5" x 8.5" to 11" x 17"

**PAPER WEIGHT:**  
16 lb. to 28 lb. bond  
Manual Bypass: 13 lb. bond to 110 lb. index

**WARM-UP TIME:** Less than 30 seconds

**FIRST COPY:**  
Less than 3.6 seconds (letter)

**COPY QUANTITY:** 1 - 999

**STANDARD PAPER SUPPLY:**  
500-sheet universal cassette (20 lb.)  
500-sheet universal cassette (20 lb.)  
150-sheet bypass (20 lb.)

**MAGNIFICATION:**  
Zoom range: 25% – 400%, 0.1% increments  
Preset reduction: 79%, 77%, 65%, 50%  
Preset enlargement: 121%, 129%, 155%, 200%

**COPY EXPOSURE MODES:**  
Text (legible text)  
Text/Photo (clear text and halftones)  
Photo  
Dot Matrix

**MAXIMUM PAPER CAPACITY:**  
5,650 sheets (total, with options)

**DOCUMENT FEEDER:**  
Capacity: 80 sheets  
Original size: Up to 11" x 17"  
1-sided, 2-sided originals, mixed original detection

**POWER REQUIREMENTS:**  
120V, 60MHz, 12A

**POWER CONSUMPTION:**  
Less than 1,560W

**DIMENSIONS:** (W x D x H):  
26.7" x 27.9" x 35.2"

**WEIGHT:** 201 lbs.

**OPTIONS:**  
FK-502 Fax Kit  
ML-503 Fax Multi Line  
FS-511 Console Finisher (50 Sheets)  
FS-510 Base Finisher (50 Sheets)  
LU-201 Large Capacity Unit  
OT-601 Output Tray  
JS-502 Job Separator (requires OT-601)  
SD-502 Saddle Stitcher (for FS-510)  
MT-501 Mail Bin Kit (for FS-510)  
PU-501 Punch Kit Unit (for FS-510)  
SC-502 HDD Encryption Kit  
HD-505 40GB Hard Disk Drive  
IC-204 Print Controller  
SP-501 Fax Stamp Kit  
DK-501 Desk/Storage Drawer  
PC-202 500 Sheet Universal x 2  
PC-402 Paper Feed Cabinet (2,500 Sheets)

### 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  
(Store Copy Jobs, Print Jobs, Scans, Fax Data,  
Print Stored Data, Route Scanned Data)  
Copy Modes  
(Simplex/Duplex, 2-in-1, 4-in-1, 8-in-1,  
Book Copy (Separation), Book Mode Copy)

Cover Mode  
Creative Functions  
(XY Zoom, Image Centering,  
Neg./Pos. Reverse, Image Repeat)  
Criss-Cross Sorting  
Frame Erase  
Energy Save Mode  
Enlarge Display  
Erase (Border, Frame, Edge) Mode  
Finishing (Group, Sort, Staple, Punch,  
Center Staple and Fold)  
HDD Random Erase  
Image Density Adjustment  
(Density, Background Removal)  
Image Overlay  
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  
Program/Recall Jobs  
Paper Size Selection (APS, Manual)  
Paper Type Selection  
Proof Copy  
Secure Printing  
Separate Scan  
Sleep Mode  
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 (HDD TWAIN)

### Available Fax Functions\*

Autodialing (1,000 one-touch keys w/o HDD/  
2,000 one-touch keys w/ optional HDD)  
Auto Memory Reception  
Auto Reduction Printing  
Border Erase Transmission  
Broadcasting (maximum 600 locations)  
Bulletin Board  
Density Adjustment  
Duplex Transmission/Reception  
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  
TSI User Box  
TSI User Box Routing

### FAXING (with fax option):

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

**FAX TRANSMISSION SPEED:**  
Approximately 2.4 seconds/page

**FAX EXPOSURE MODES:**  
Text, Text/Photo, Photo, Dot Matrix

### Emperon Print System

**PROCESSOR:**  
400 MHz

**RAM:**  
Shared with main body

**HARD DISK DRIVE:**  
40 GB (shared scan and copier HDD) optional

### PAGE DESCRIPTION LANGUAGE:

PCL 5e Emulation  
PCL 6 (XL 2.1) Emulation  
PostScript 3 Emulation

### FONTS:

PCL Resident Fonts: 80 outline  
PS3 Emulation Resident Fonts: 136 outline

### PRINT DRIVERS:

PCL 6:  
Windows 98/Me, Windows NT 4.0, Windows  
2000, Windows XP, Windows Server 2003  
Vista Compatibility  
(please see www.mykonicaminolta.com  
for the latest information)

## Emperon Print System (con't)

### PRINT DRIVERS:

PS3 Emulation:  
Windows 98SE/Me (PPD)  
Windows NT 4.0/2000/XP/Server 2003 (driver)  
Windows XP x 64/Server 2003 x 64 (driver)  
Mac OS9.2 (PPD)  
Mac OS X 10.2, 10.3, 10.4  
Linux/Unix

### STANDARD INTERFACES:

Ethernet (100Base-TX/10Base-T)  
IEEE 1284  
USB 2.0

### 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  
Bonjour

### APPLICATIONS:

#### Network & Device Management:

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

#### User Tools:

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

#### Management Tools:

bizhub Vcare capable

#### Optional Software:

PageScope Workware



**KONICA MINOLTA**

KONICA MINOLTA  
BUSINESS SOLUTIONS U.S.A., INC.

100 Williams Drive  
Ramsey, NJ 07446

[www.kmbs.konicaminolta.us](http://www.kmbs.konicaminolta.us)  
[www.kmbs.konicaminolta.us/solutions](http://www.kmbs.konicaminolta.us/solutions)

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