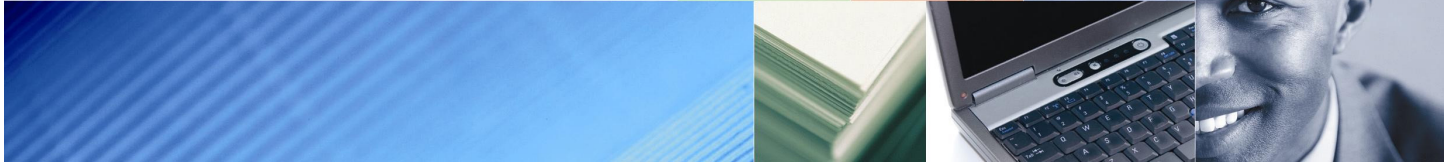# KONICA MINOLTA

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)

PRINT DRIVERS:
PS3 Emulation:
    Windows 98SE/Me (PPD)
    Window 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
PageSocpe 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

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