



KONICA MINOLTA



# bizhub C650

CONNECT\_

COMMUNICATE\_

CONTROL\_



## bizhub C650

### GENERAL SPECIFICATIONS:

#### TYPE:

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

#### PRINT/COPY PROCESS:

Tandem Process

#### TONER TYPE:

Simitri® HD Color Polymerized Toner

#### MONTHLY DUTY CYCLE:

250,000

#### PRINT/COPY SPEED:

Full Color: 50 ppm (letter, portrait)  
B&W: 65 ppm (letter, portrait)

#### SCAN SPEED:

Up to 75 opm b/w (300 dpi)  
Up to 70 opm color (300 dpi)

#### PRINT/COPY RESOLUTION:

1800 dpi (equivalent) x 600 dpi

#### 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:

Tray 1 and 2: 8.5" x 11" to 12" x 18",  
12.25" x 18", 8" x 13"  
Tray 3 and 4: 8.5" x 11", 4"x 6",  
5.5" x 8.5"  
Bypass Tray: 5.5" x 8.5" to 12" x 18",  
12.15" 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 color: less than 6.0 seconds (letter)  
B&W: Less than 3.8 seconds (letter)

#### COPY QUANTITY:

1 - 9,999

#### PAPER SUPPLY:

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

#### MAGNIFICATION:

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

#### COLOR MODES:

Auto Color Mode  
Full Color Mode  
Black & White Mode  
2-Color Mode  
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

#### 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 (Store Copy Jobs, Print  
Jobs, 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, 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  
Encrypted Network 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  
ICC Color Profile Support  
Image Adjustments (Color Matching,  
Pure Black Auto ON/OFF, Color  
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  
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

Continued

#### Available Fax Functions\* (cont.)

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:

867 MHz

##### 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 3016) Emulation

##### FONTS:

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

##### PRINT DRIVERS:

###### PCL 6:

Windows 2000, Windows XP (Home/  
Professional), Windows Server 2003,  
Windows XP Professional x 64,  
Windows Server 2003 x 64,  
Windows NT 4.0, Windows Vista\*\*

\*\* Vista Compatibility (please see  
[www.kmbs.konicaminolta.us](http://www.kmbs.konicaminolta.us)  
for the latest information)

##### PS3 Emulation:

Windows 2000, Windows XP (Home/  
Professional), Window Server 2003,  
Windows XP Professional x 64, Windows  
Server 2003 x 64, Windows Vista\*\*  
Mac OS9.2 (PPD), Mac OS X 10.2, 10.3,  
10.4

\*\* Not available at time of launch.  
Please see [www.kmbs.konicaminolta.us](http://www.kmbs.konicaminolta.us)  
for release schedule.

##### 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-610 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 2.0 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-517 Staple Finisher  
FS-608 Booklet Finisher  
IC-409 Fiery Image Controller\*  
LU-301 Large Capacity Unit  
ML-501 Fax Multi Line  
OT-503 Output Tray  
PI-503 Post Inserter  
PK-512 Punch Kit Unit  
SC-503 HDD Encryption Kit  
SP-501 Stamp Unit (For DF-610)  
Spare TX Marker  
WT-502 Working Table

#### Fiery® IC-409 Embedded Image Controller Options

##### PROCESSOR:

Intel Celeron 2.8 GHz FSB 400 MHz

##### OPERATING SYSTEM:

Linux

##### RAM:

512 MB (standard/maximum)

##### HARD DISK DRIVE:

80 GB

##### PAGE DESCRIPTION LANGUAGE:

PCL 6, PS3 (Version 3017)

##### FONTS:

PCL Resident Fonts: 45  
PS3 Fonts: 136

##### PRINT DRIVERS:

###### PCL 6:

Windows 2000/XP Windows Server 2003,  
Windows Vista\*\*

\*\* Vista Compatibility (please see  
[www.kmbs.konicaminolta.us](http://www.kmbs.konicaminolta.us)  
for the latest information)

###### PS3:

Windows 2000/XP, Window Server 2003,  
Windows Vista\*\*

Mac OS X 10.3, 10.4 or later

\*\* Not available at time of launch.  
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##### INTERFACE:

10/100/1000 BaseT, RJ45

##### PROTOCOLS:

TCP/IP, IPX/SPX, AppleTalk (EtherTalk),  
LPR, SMB, Netware 4.x or later, NDPS,  
LDP, SNMP, HTTP/HTTPS

##### UTILITIES:

ColorWise® Pro Tools 3.7  
Command Workstation™ 4.5  
(for Windows)  
Command Workstation™ 1.3 (for Mac)  
Fiery® Remote Scan 5.4 (TWAIN plug-in)  
Fiery® Web Tools 3.0

##### OPTIONS:

EFI Impose (v 2.6 or later)  
EFI Densitometer (ED-100)  
EFI Secure Erase  
Hot Folders (v 2.2)

##### 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  
ICC Color Profile 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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