



KONICA MINOLTA

The essentials of imaging

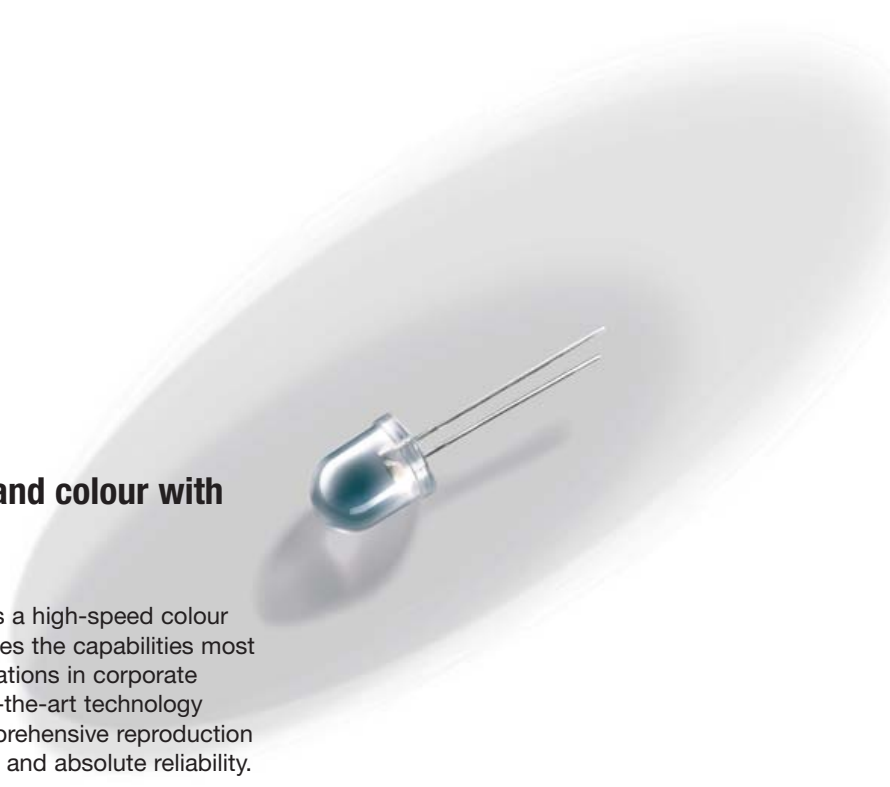
Combining black & white
**and colour with
speed and quality**



The new bizhub C650



bizhub C650 



➔ Combining black & white and colour with speed and quality

Konica Minolta's new bizhub C650 is a high-speed colour multifunctional that perfectly combines the capabilities most sought after in high print volume locations in corporate and office environments. Its state-of-the-art technology forms the basis for flexible and comprehensive reproduction capabilities, a superior image quality and absolute reliability.

In this stylishly designed MFD, Konica Minolta has combined the proven bizhub technology with latest innovations to make available a cutting-edge communication tool.

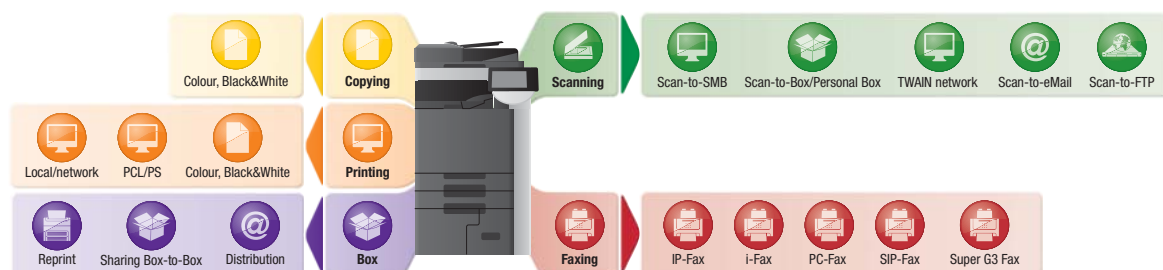
The communication concept

- visible information about status, processing and warnings via InfoLine:
 - paper level status per tray
 - receiving data, processing and toner replenishment status
- intuitive operation via high resolution colour display and touchscreen:
 - display can be tilted and turned to remove glare and assist access
 - enlarge screen mode for easy reading and keystroke entry
- unique box functionality facilitates the storing, archiving and sharing of scanned, printed, copied and fax documents for reprinting and repeat sending:
 - 1,000 boxes for up to 3,000 documents or 10,000 pages
 - user boxes can be protected by password or user authentication (personal, public or group)
 - PageScope Web Connection provides easy access and editing of documents stored in user boxes via a straightforward browser interface
- comprehensive scanning:
 - simultaneous faxing and eMailing of documents to multiple destinations and parallel archiving of data in user boxes on SMB or FTP
 - scan-to-eMail, FTP, SMB and Box plus TWAIN scan
 - high speed scanning of up to 75 originals per minute
 - choice of scan formats include Multipage PDF, Encrypted PDF, Compact PDF, JPEG and TIFF
- space saving and robust:
 - compact build and small footprint
 - robust metal framework and sturdy construction
 - hard-wearing and productive

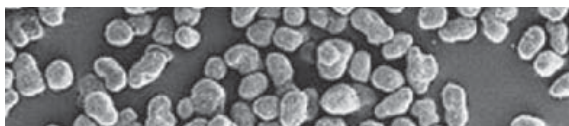




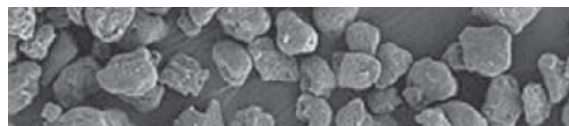
→ Workflow options



Simitri HD[®] polymerised



Conventional toner





Advanced technology at the core

Designing the bizhub C650, Konica Minolta put the focus on innovative technology to improve performance, productivity and reliability.

Simitri HD® toner

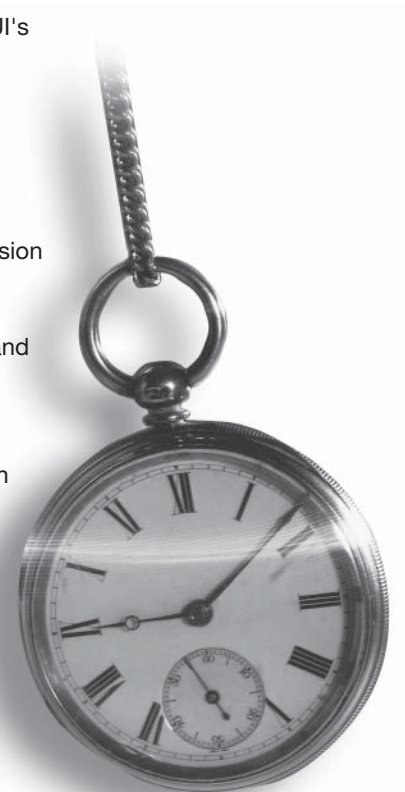
- Simitri HD® polymerised toner enables second to none print quality with tiny, uniformly shaped particles
- perfect for professional mailings and leaflets because the print surface doesn't break or peel on the crease of folded pages
- oil-less fixing
 - low gloss surface enables handwriting on any document with a water-based pen
 - or place a stamp or adhesive note on the printed paper
 - unparalleled colour fade resistance

Powerful Emperon™ controller

- the Emperon™ print controller provides powerful performance with both PCL6c and PostScript 3 as standard
- Windows, Mac, UNIX, Linux and Citrix support
- easy setting thanks to unified drivers with intuitive GUI's
- support of ICC profiles

Complete productivity

- an advanced dual-beam laser unit ensures both precision and speed
- automatic duplexing as standard including 256 gsm and A3+FB support
 - 100% duplex productivity - even in colour
- possibility to continue printing in black and white even when the colour consumables are depleted





Impressive media flexibility

The bizhub C650 provides you with a variety of advanced functions to produce and finish your documents professionally. With its modular concept of different finishing options, you can configure a device to answer exactly your specific needs.

Versatile printing and finishing

- one-shot production of folded and centre-stapled booklets (optional)
- finishing features include stapling, punching, letter fold, cover insertion mode (optional)
- creative printing features, e.g. overlay, mixplex, mixmedia, chapter and poster mode
- standard paper capacity of 3,650 sheets. Can be upgraded to an impressive 6,650 sheets when you add the optional 3,000 sheet LCT
 - max 6 paper sources means that up to 6 different types of media can be combined in one job
 - auto paper rotation and auto tray switching facilitates continuous processing of print jobs
 - paper and toner refill on the fly
- enhanced media flexibility
 - 256 gsm from all trays
 - 256 gsm automatic duplexing
 - 300 gsm via bypass
 - Feed A3+FB media up to 311 mm x 457 mm



corner
stapling



2-point
stapling



two-hole
punching



four-hole
punching



duplex



combined
mixplex/
mixmedia



sheet insertion,
report



letter fold



booklet



offset sorting





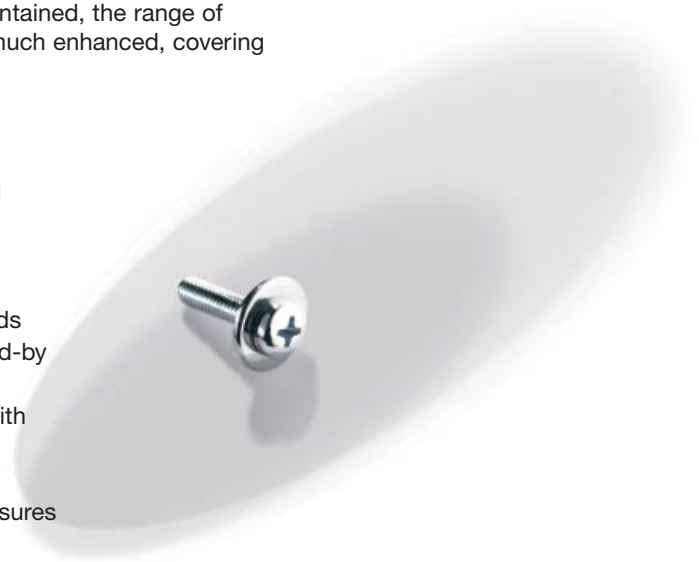


➔ Complete energy efficiency

A true innovation: the induction heating fusing technology on the bizhub C650 minimises energy consumption and maximises energy efficiency. Thanks to instant heat, induction heating enables fusing at a lower temperature. While fusing accuracy is thus maintained, the range of media that can be processed is much enhanced, covering paper of up to 300 gsm.

Induction heating fusing technology

- warm-up time of just 85 seconds and only 12 seconds from stand-by
- maximised energy efficiency, with low energy consumption
- accurate and stable heating ensures the highest output quality
- fusing at lower temperature enables enhanced media flexibility



➔ Complete office efficiency

Including access security by authentication, the bizhub C650 offers a comprehensive range of security features and is certified to ISO15408 EAL3.

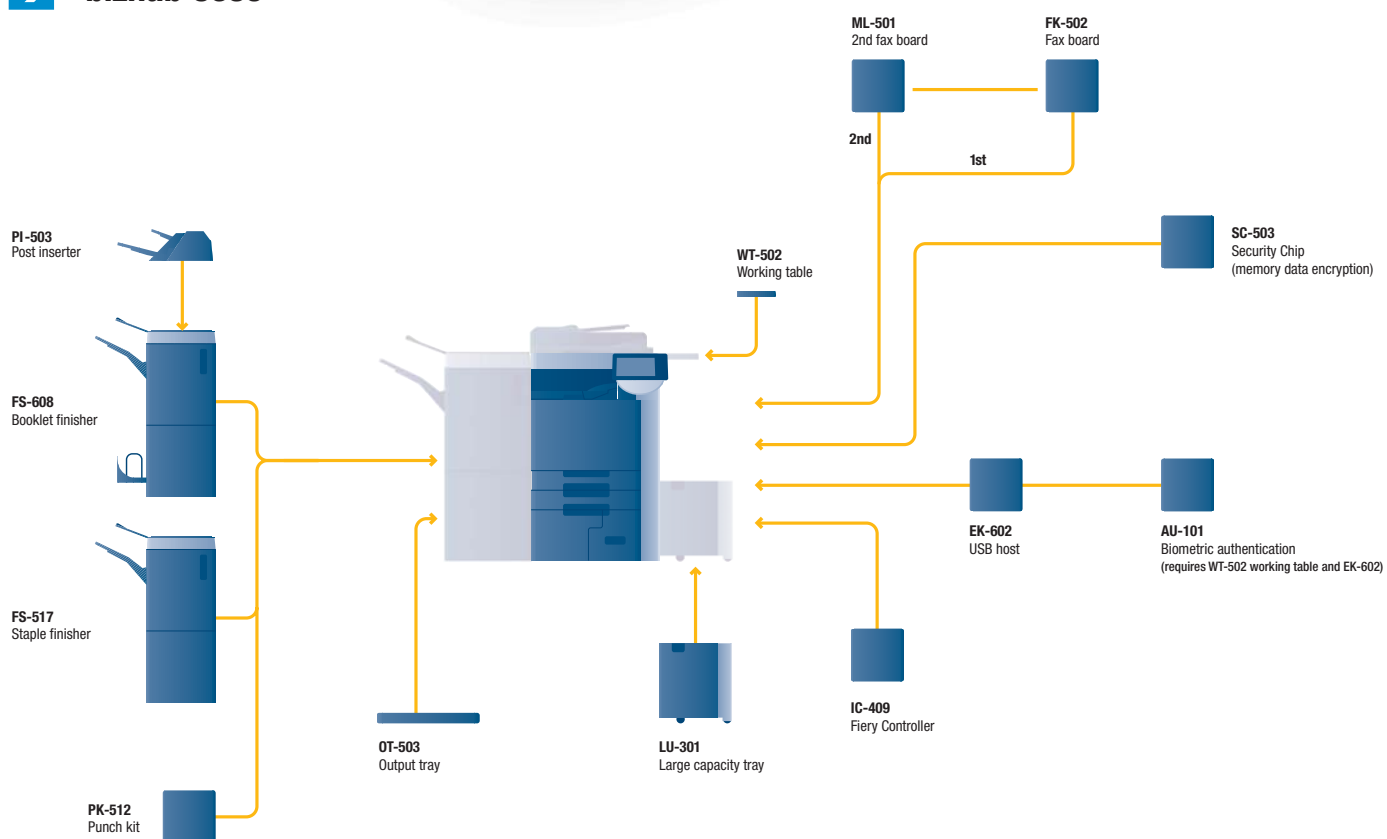
Essential security

- biometric authentication option
 - pre-registered users simply place their finger into the cradle for efficient and convenient access to specified features
 - users no longer need to remember passwords
- PDF encryption prevents unauthorised tampering with PDF files. A password can be set to open, print or edit the file.
- with secure printing, confidential documents are only released to print via a password
- encryption is also available to make data storage on the bizhub C650's internal hard drive secure





→ bizhub C650



→ Configurations



Copier Specifications

Copying process

Electrostatic laser copy
Tandem, indirect

Toner system

Simitri® HD polymerised toner

Print/Copy speed A4

Colour up to 50 ppm
Mono up to 65 ppm

Print/Copy speed A3

Colour up to 25 ppm
Mono up to 32 ppm

Auto duplex speed A4

Colour 100%
Mono 100%

1st Print/Copy time

Colour 6.5 sec. (A4)
Mono 3.8 sec. (A4)

Warm-up time

Approx. 85 sec.

Copy resolution

600 x 600 dpi

Gradation

256 gradations

Multi-copy

1–9,999,
interruption mode

Original format

A5–A3

Magnification

25–400% in 0.1% steps
Auto magnification selection

Copy functions

Chapter, cover and page insertion
Proof copy
Adjustment test print
Digital art
Job Recall
Job setting memory
Poster Mode
Overlay, Stamping

Printer Specifications

Print resolution

Equivalent to 1,800 x 600 dpi

Controller CPU

PowerPC MC7448 @ 867 MHz
64 BIT

Page description language

PCL 6c (PCL 5e + XL3.0)
PostScript 3

Operating systems

Windows 2000/XP/XP64
Windows VISTA 32/64
Macintosh 9.x/10.x
Server/2000/2003/2003 x64
Unix/Linux/Citrix

Printer fonts

80x PCL Latin
137x PostScript 3 Emulation Latin

Print functions

Direct print of PCL, PS; TIFF, PDF and
Encrypted PDF files
Mixmedia and mixplex
Job programming "Easy Set"
Overlay, Watermark

Scanner Specifications

Scan speed

Colour up to 75 opm (300 dpi via DF)
Mono up to 75 opm (300 dpi via DF)

Scan resolution

Max.: 600 x 600 dpi

Scan modes

Network TWAIN scan
Scan-to-eMail
Scan-to-FTP
Scan-to-SMB
Scan-to-Box

File formats

JPEG, TIFF, PDF, Compact PDF,
Encrypted PDF

Scan destinations

2,100 (single + group), LDAP support

Scan functions

Annotation (text/time/date) for PDF
Up to 400 job programs

Fax Specifications (optional)

Fax standard

Super G3

Fax transmission

Analogue, i-Fax, IP-Fax, SIP-Fax

Fax resolution

Max.: 600 x 600 dpi (ultra-fine)

Fax compression

MH, MR, MMH, JBIG

Fax modem

Up to 33.6 Kbps

Fax destinations

2,100 (single + group)

Fax functions

Polling
Time shift
PC-Fax
Receipt to confidential box
Receipt to eMail, FTP, SMB
Up to 400 job programs

User box specification

Max. user boxes

1,000

Max. storable documents

Up to 3,000 documents or
9,000 pages

Type of user boxes

Public, personal (with password
or authentication), group (with
authentication)

Type of system boxes

Secure print, Encrypted PDF print,
Fax receiving, Fax polling

User box functionality

Reprint, combination, download,
sending (eMail, FTP, SMB and fax),
copy box to box

System Specifications

System memory

1,024 MB

System hard disc

60 GB

Interface

10-Base-T/100-Base-TX/
1000-Base-T Ethernet
USB 2.0 (High speed)

Network protocols

TCP/IP
IPX/SPX
NetBEUI
AppleTalk (EtherTalk)
SMB
LPD
IPP
SNMP
HTTP

Frame types

Ethernet 802.2
Ethernet 802.3
Ethernet II
Ethernet SNAP

Automatic document feeder

Up to 100 originals

A6–A3

35–210 gsm

Printable paper size

A6–A3 full bleed (311mm x 457mm)
Customised paper sizes

Print edge deletion

Lead edge 4.2mm or less
Trailing edge 3mm or less
Both sides 3mm or less

Printable paper weight

64–300 gsm

Paper input capacity

Standard: 3,650 sheets
Max.: 6,650 sheets (opt)

Paper output capacity

Max.: 3,100 sheets (opt)
without finisher 250 sheets

Tray 1 + 2

500 sheets
A5–A3+FB
64–256 gsm

Tray 3

1,500 sheets
A4
64–256 gsm

Tray 4

1,000 sheets
A4
64–256 gsm

Manual bypass

150 sheets
A6–A3+FB, custom sizes
64–300 gsm

Large capacity cabinet (optional)

3,000 sheets
A4
64–256 gsm

Automatic duplexing

A5–A3+ full bleed
64–256 gsm

Finishing modes (optional)

Offset, group, sort, staple, punch,
centre-fold, letter-fold, booklet

Stapling (optional)

50 sheets or 48 sheets + 2 cover
sheets (up to 200 gsm)

Stapling output capacity

Max.: 1,000 sheets

Letterfold (opt)

1 sheet upto 105 gsm
3 sheet upto 80 gsm

Booklet (optional)

20 sheets or 19 sheets + 1 sheet
@ 200gsm

Power consumption

220-240 V / 50/60Hz
Less than 2.0 KW (system)

System dimensions

(W x D x H, mm)
650 x 777x 1155 (incl. DF)

System weight

Approx. 190kg (incl. DF)

System Features

Security

ISO 15408 EAL3 (in evaluation)
IP filtering and port blocking
SSL2, SSL3 and TLS1.0 network
communication
IPsec support
User authentication, authentication log
Secure Print
Hard disc overwrite (8 standard types)
Hard disc data encryption (optional)
Memory data auto deletion
Confidential fax receiving

Accounting

Up to 1,000 user accounts
Active Directory support
(user name + password + eMail)
User function access definition
Biometric authentication (finger vein)
optional
IC-Card authentication
(IC-Card reader) optional

Software

PageScope NetCare
PageScope Data Administrator
PageScope Box Operator
PageScope Workware (Trial)
Direct Print Utility
Print Status Notifier

All specifications relating to paper capacity refer to A4-size paper of 80 gsm quality.

All specifications relating to scanning, copying or printing speeds refer to A4-size paper that is scanned, copied or printed crosswise in multipage, simplex mode.

Some of the product illustrations contain optional accessories.

Konica Minolta does not warrant that any prices or specifications mentioned will be error-free.

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Printed in the UK on Revive Silk, a paper containing a minimum of 75% post consumer de-inked recycled waste,
using soya based mineral-oil free inks.





KONICA MINOLTA

Designed to change the way you do business.

Don't hesitate to see the new bizhub C650 yourself. And get familiar with every advantage it offers you – down to its very last details. **Now at your local showroom.**

bizhub C650 at a glance

FUNCTION	STANDARD	OPTIONAL	COMMENT
Mono Print/Copy	✓		65 A4 ppm
Colour Print/Copy	✓		50 A4 ppm
Network Scanning	✓		75 opm Col 300 dpi 65 opm Col 600 dpi
Automatic Document Feeder	✓		100 Originals
Automatic Duplex Unit	✓		256 gsm up to A3+FB
Tray 1 + 2 (2 x 500 sheets up to A3+) Tray 3 (1 x 1500 sheets - A4) Tray 4 (1 x 1000 sheets - A4)	✓		Console Unit all 256 gsm
Bypass	✓		150 Sheets upto 300 gsm
Facsimile		✓	Super G3
3,000 Sheet Large Capacity Tray		✓	Up to 256 gsm
Security	✓	Data Encryption	EAL 3 Standard/ISO15408
Finger Vein Authentication		✓	Biometric - Fast & Accurate
Finishing		✓	Offset, Group, Sort, Staple, Punch, Centre Fold, Letterfold, Booklet

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