



KONICA MINOLTA

Giving Shape to Ideas



# **bizhub C654/C754**

Colour A3 multifunctionals

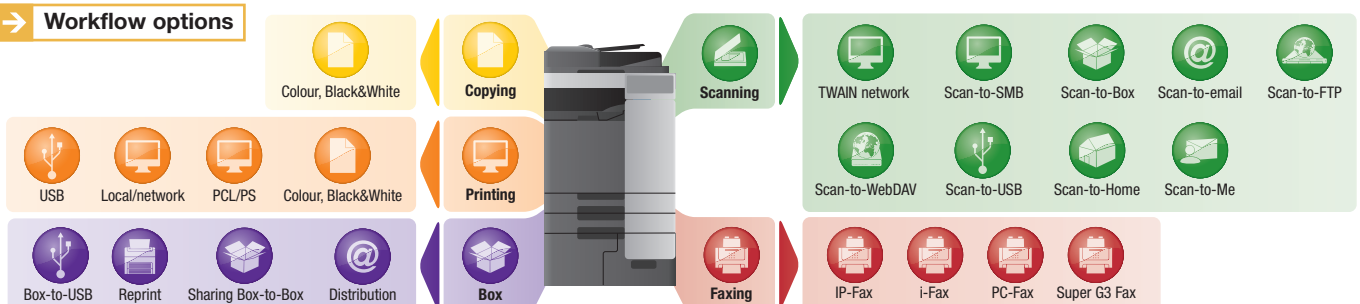
Office systems bizhub C654/C754

# Technology of tomorrow to enhance today's usability

User comfort and convenience are essential for the efficient operation of all office communication equipment in corporate environments, e.g. large departments, centralised office locations and CRDs, who look to maximise efficiency and productivity while minimising expenditure. bizhub C654 and C754, Konica Minolta's state-of-the-art colour multifunctionals of the next generation, focus on usability in every respect and set new standards in individual user convenience and customisation.

- Pursuing enhanced ease of use, Konica Minolta has evolved its significant bizhub design from InfoLine to InfoPalette in the bizhub C654 and bizhub C754. The attractive and highly compact casing in clear black and white incorporates advanced user convenience with easier access to features, functionality and hardware components, as well as better status indicators and streamlined user operation via the large multi-touch colour screen.
- As comprehensive MFPs, both products feature Konica Minolta's proven engine technology and provide comprehensive user flexibility with complete communication functionality i.e. print, copy, scan and fax. At the same time, the bizhub C654/C754's advanced technical reliability guarantees their unfailing usability.
- Most importantly, Konica Minolta's professional capabilities ensure these products' all-round usability with seamless integration into almost any electronic workflow: With OpenAPI, IWS, Emperon controller and firmware, bizhub C654 and C754 incorporate state-of-the-art technology for optimal device integration and customisation.
- Enhanced with Konica Minolta's efficient and versatile software applications, both products offer new levels of user comfort and convenience for efficient document capture and distribution, accounting as well as user and device management, helping to save time and reduce overall costs.
- The bizhub C654/C754's advanced "green" usability is obvious in their remarkably eco-friendly performance with regard to power saving, waste reduction and the use of eco materials in their construction. Finally, featuring Konica Minolta's high security standards, bizhub C654 and C754 are certified to ISO 15408 EAL3. This official security certification represents international standards and underlines the superiority of the Konica Minolta security technologies.

## → Workflow options





## → Unlimited usability for individual choice

Following the trend of today's easy usability of communication devices, bizhub C654 and C754 set new standards in user friendliness with an innovative 9-inch capacitive colour touch-screen panel. This large screen features multi-touch functionality with the intuitive "Flick & Drag" operation meanwhile well known from smartphones and tablet PCs.

The user interface in this newest generation of Konica Minolta's office multifunctionals has been completely redesigned with the focus on near-limitless usability – it is intuitive, well structured and customisable:

- For instant access, the most frequently used features out of all MFP functionality (i.e. print, copy, scan, fax, etc.) can be individually selected and freely arranged on the main panel. Additionally, the menu screen provides direct access to any MFP function – copy, scan, fax, box, as well as copy and scan programs, installed applications and pre-set workflows.
- Pop-up windows open for all function settings, always keeping the main panel available. This avoids users getting lost in too many different function screens.
- For easier understanding and more intuitive operation, function settings have been enhanced with logical icons, and the number of hard buttons has been reduced to a minimum.
- The availability of different features can be limited on user level with 3 presets (basic, standard and full), structuring the MFP operation for different user groups (e.g. regular and infrequent users) and avoiding the confusion of too many choices. In addition, the Konica Minolta service can program another 3 presets for individual requirements.

## → Configurations



**bizhub C654** 

**bizhub C754** 



# Enhanced usability masters any communication challenge

## → Advanced printing capabilities

With their new-generation Emperon controller, bizhub C654 and C754 feature Konica Minolta core printing technology that ensures seamless integration into any standard network setup and virtually any customer environment. With standard PCL, PostScript 3, PDF and XPS support, the Emperon controller provides maximum compatibility and is CITRIX ready; its Windows drivers are WHQL certified.

A special highlight is the MyTab function of the printer driver that lets users freely select their preferred print functions in a single screen ensuring quick and easy operation. The administrator benefits from Konica Minolta's Universal Print Driver that supports all Konica Minolta print devices requiring only one installation and a single application for printer management.

In addition, the Emperon™ controller can be upgraded to support specific requirements, such as native OCR or barcode font printing, as well as Unicode support for ERP applications like SAP. Both bizhub C654 and 754 are SAP certified, with Konica Minolta a Gold Partner in the SAP Printer Vendor Programme.

One example for the bizhub C654/C754's advanced printing usability is e.g. the clever "carbon copy" feature, which makes needle printers as well as outdated carbon duplicates of delivery notes etc. obsolete. The function duplicates the print job and outputs it repeatedly on different types of paper from various trays, e.g. white for the customer, yellow for the forwarder, green for archiving and so on.

## → Ready for the mobile world

Today's office printing needs extend beyond wired communication; enhanced usability much depends on efficient and versatile mobile solutions. With PDF, XPS and OOXML (docx, xlsx and pptx) support incorporated into bizhub C654/C754, mobile devices can print directly to these multifunctionals without requiring the installation of a printer driver. In addition, the PageScope Mobile App offers application-based printing and scanning from and to mobile devices.

For the more extensive needs of larger corporate environments, Konica Minolta offers advanced usability with cloud printing applications that enable driverless printing on server basis, making mobile printing manageable and secure. In addition, bizhub C654/C754 can be equipped with connectors to Google Apps and Microsoft SharePoint that provide direct MFP panel access to this document pool.



# Scanning usability for unlimited reach

## → Complete scanning versatility

Efficient scanning of documents, as much for electronic distribution as for secure, easily accessible archiving, is in strong focus in today's corporate world. bizhub C654 and C754 combine hardware and features to maximise scanning usability and efficiency. Their dual scanning document feeder achieves a scanning speed of up to 180 ipm by simultaneously scanning recto and verso of the original. This works well even for mixed originals of various sizes and with a mix of single- and double-sided prints, as blank pages are automatically filtered during the scanning process.

Both bizhubs offer the complete scanning functionality of Scan-to-email (Me), FTP, SMB (Home), Box, USB, and TWAIN as standard; and with JPEG, TIFF, PDF, compact PDF, PPTX, XPS and compact XPS, all relevant formats can be processed. Applying the built-in OCR engine to scanned data creates searchable PDF and PPTX documents. These provide a full-text search capability and allow convenient copying of text into other documents and applications. An innovative real-time scan preview avoids sending unchecked documents: Before hitting the send key, users can first check the scanned document on the preview screen.

bizhub C654/C754 can also be equipped with PDF scanning upgrades that enable scanning in the verifiable PDF/A format in 1b standard or, using the OCR engine, in PDF/A 1a standard. In combination with Konica Minolta's Compact PDF format, this scanning process meets all legal archiving requirements. At the same time, it saves valuable storage space, as file sizes can be reduced to as little as one twentieth of their original size.

## → Efficient capture and distribution

Beyond the standard functionality of bizhub C654/C754, Konica Minolta's bizhub Extended Solution Technology, bEST, offers a gateway to extended document capturing and distribution capabilities that make these multifunctionals ideal input tools in high-volume environments. Thanks to bEST, seamless workflows incorporating diverse applications allow highly individual processing and customisation of workflows to specific customer needs. Capabilities include e.g. the digitisation and indexing of incoming invoices with OCR and Zone OCR, the conversion to specific file formats like PDF/A, e.g. for verifiable archiving of documents that legally require safekeeping, and the direct document distribution to existing business applications.

Offering full panel integration of the related software, bizhub C654/C754 are ideally suited to such tasks and do not require separate hardware. Document archiving processes can be started directly at the bizhub colour touch screen panel, inputting all required information like document type and additional index fields during the scan process so that the scans need no further treatment in the PC.

Beyond this, an extensive range of optional connectors provides access to almost any imaginable backend application, including Document Management Systems, Enterprise Content Management Systems, Microsoft SharePoint, and more.





# Competent usability for universal administration

## → Complete cost transparency

Effective cost control increases users' cost consciousness and generally enhances corporate efficiency and productivity. In the bizhub C654/C754, an efficient accounting application organises the central collection of detailed counter readings of all registered devices plus the resulting cost calculation. Administrators can easily set up output volume limitations that help reduce print volumes and output costs. Users' volume limitations are reliably tracked across all networked output devices. Detailed usage reports can be generated facilitating the optimisation of the overall output infrastructure.

## → Reliable authentication

Today, administrators expect to save time and increase their efficiency when administering the output infrastructure. Users on the other hand look for instant yet secure access to MFPs. In the bizhub C654/C754, these functionality are available with an efficient authentication technology that makes the central management of user rights straightforward. Administrators can quickly and easily program authentication details, while users benefit from convenient login via non-contact IC card or finger vein scanner. Also enabling follow-me printing, the authentication additionally provides confidential printing anywhere. Both pull printing and secure printing are available on every bEST OpenAPI-capable system in the network. Printed information is reliably safe as only the document owner can release prints directly at the device. This simple but effective method avoids wasting paper and helps reduce print volumes.

## → Enhanced administration

bizhub C654/754 come with a built-in remote panel that facilitates device management and user support and can be accessed through a standard web browser. To change administrative settings, the panel can be locked so that users cannot follow those operation steps. In the unlocked mode the remote panel aids user support, letting the user view the settings made remotely by the administrator. The PageScope Net Care Device Manager enables the central implementation of system network configurations and central status monitoring. Considerably reducing administrative efforts, this application provides fast access to and simple monitoring of individual or all devices on the network. This helps maximise the uptime of all monitored equipment and has a positive impact on the overall office productivity.

## → Automated service

Corporate environments depend on maximum machine availability as well as minimising the time and effort spent on arranging maintenance or ordering consumables. Konica Minolta ensures such pro-active and highly flexible service support with its proven remote monitoring system CS Remote Care. This transmits all relevant system data directly to the Konica Minolta service in an automated process. CS Remote Care also provides automated logistics, regularly checking consumables and stock.



# Eco-usability for a greener world

## → Impeccable eco-performance

With their focus on minimising environmental impact, bizhub C654 and C754 answer both our modern society's demands for eco-friendliness and corporate requirements for economic operation.

bizhub C654/C754 impress with a wealth of eco-highlights, including LED scanner lighting, 3 Watt sleep and 0.5 Watt power save mode, induction heating fuser technology, or the wakeup-for-scan-only technology that avoids heating the engine when unnecessary. These and other energy-saving features support the highly economic power consumption that is far below the limits required for Energy Star and Blue Angel and contributes to the low overall machine running cost.

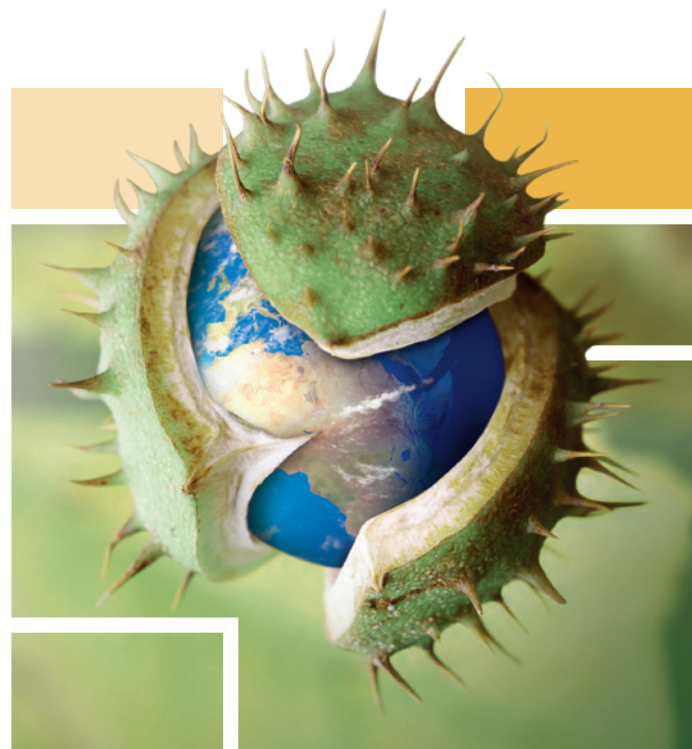
Not only can the bizhub C654/C754's innovative dynamic eco timer be programmed on a weekday, date or time basis; it automatically analyses machine usage and improves settings, e.g. switches to sleep mode during a recurring lunch break. And thanks to the extremely short warm-up time of just 22 seconds, users need not worry about a lengthy wait before printing.

Simitri® HD polymerised toner is another Konica Minolta core technology that aids the sound eco-performance. The latest generation of this high quality toner delivers better prints than ever, while its biomass ingredient helps reduce the bizhub C654/C754's carbon emission further. Another environmental plus of Simitri HD is its easy deinking, which is essential to enable recycling of used paper.

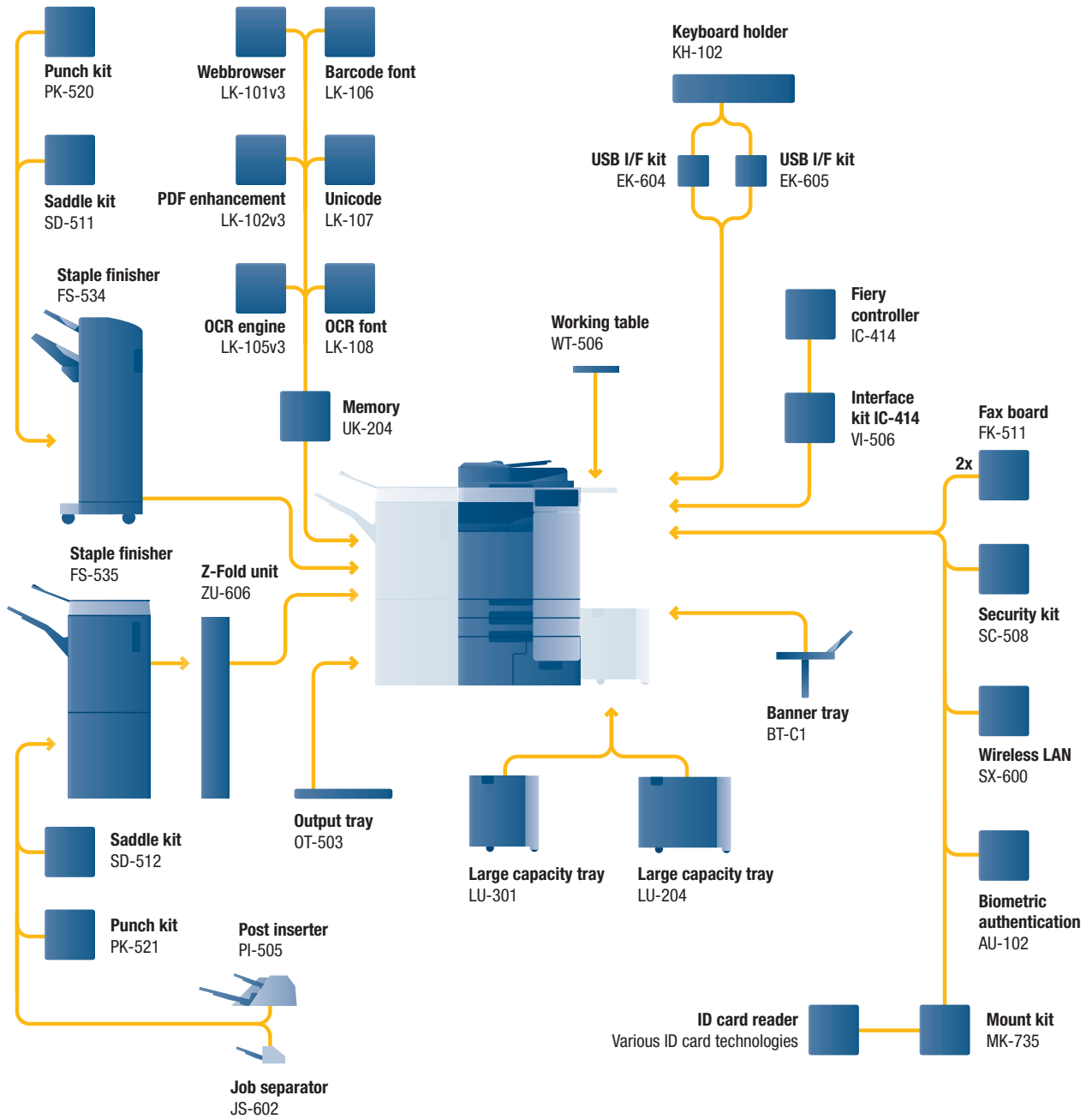
## → Avoids wasting paper

Besides the essential power saving aspect, bizhub C654 and C754 offer important features to avoid misprints and wasting paper. The copy preview feature built into the MFP as well as the XPS Print Preview driver enable users to check their desired output including finishing settings before producing a single page. And features like auto duplex or n-up facilitate saving paper.

Instant evidence of the users' and the bizhub's environmental performance is available with the new "ECO Meter", which provides instant details of paper and energy savings from using n-up and duplex, as well as the active times of the different power modes and the electricity consumed.



➔ Option diagram & descriptions





## ➔ Option descriptions bizhub C654/C754

<b>bizhub C654/C754</b>	Communication centres with 65/75 ppm b/w and 60 ppm colour. Standard Emperon™ print controller with PCL 6c, PostScript 3, PDF 1.7 and XPS support. Paper capacity of 500 + 500 + 1,000 + 1,500 sheets and 150 sheets manual bypass. Media from A6 to SRA3, 1.2 m banner and 52 – 300 gsm. 2 GB memory, 250 GB hard disc and Gigabit Ethernet standard	<b>IC-414 Fiery controller</b>	Professional colour print controller
<b>KH-102 Keyboard holder</b>	To place USB keyboard	<b>LU-204 Large capacity tray</b>	A4–SRA3, 2,500 sheets, 52–256 gsm
<b>EK-604 USB I/F kit</b>	USB keyboard connection	<b>LU-301 Large capacity tray</b>	A4, 3,000 sheets, 52–256 gsm
<b>EK-605 USB I/F kit</b>	USB keyboard connection, Bluetooth	<b>OT-503 Output tray</b>	Output tray used instead of finisher
<b>WT-506 Working table</b>	Authentication device placement	<b>ZU-606 Z-fold unit</b>	Z-fold for A3 prints, 2/4 hole punching
<b>BT-C1 Banner tray</b>	Multipage banner	<b>FS-535 Staple finisher</b>	100 sheets stapling, 3,200 sheets max. output
<b>FK-511 Fax board</b>	Super G3 fax, digital fax functionality	<b>SD-512 Saddle kit</b>	Booklet finishing, half-fold, letter-fold
<b>SC-508 Security kit</b>	Copy guard function	<b>PK-521 Punch kit</b>	2/4 hole punching, autoswitching
<b>SX-600 Wireless LAN</b>	Wireless LAN to network connector	<b>PI-505 Post inserter</b>	Cover insertion, post finishing
<b>AU-102 Biometric authentication</b>	Finger vein scanner	<b>JS-602 Job separator</b>	Job separator e.g. for fax output
<b>MK-735 Mount kit</b>	Installation kit for ID card reader	<b>FS-534 Staple finisher</b>	50 sheet stapling, 3,200 sheets max. output
<b>IC-Card reader</b>	Various ID card technologies	<b>SD-511 Saddle kit</b>	Booklet finishing, half-fold, letter-fold
<b>VI-506 Interface kit IC-414</b>	Fiery controller interface card	<b>PK-520 Punch kit</b>	2/4 hole punching, autoswitching
		<b>UK-204 Memory</b>	Memory extension for i-Options
		<b>LK-101v3 Webbrowser</b>	Webbrowser and image panel
		<b>LK-102v3 PDF enhancement</b>	PDF/A, PDF encryption, digital signature
		<b>LK-105v3 OCR engine</b>	Searchable PDF and PPTx
		<b>LK-106 Barcode font</b>	Supports native barcode printing
		<b>LK-107 Unicode</b>	Supports native Unicode printing
		<b>LK-108 OCR font</b>	Supports native OCR A and B font printing



## ➔ Finishing options bizhub C654/C754



## → Technical specifications bizhub C654/C754

### ■ Copier specifications

<b>Copying process</b>	Electrostatic laser copy Tandem indirect
<b>Toner system</b>	Simitri HD®- polymerised toner
<b>Copy/print speed A4 (mono/colour)</b>	Up to 65/60 (bizhub C654) Up to 75/60 (bizhub C754)
<b>Copy/print speed A3 (mono/colour)</b>	Up to 33/30 (bizhub C654) Up to 37/30 (bizhub C754)
<b>Autoduplex speed A4 (mono/colour)</b>	Up to 65/60 (bizhub C654) Up to 75/60 (bizhub C754)
<b>1st copy/print time (mono/colour)</b>	3.7/5.3 (bizhub C654) 3.6/5.3 (bizhub C754)
<b>Warm-up time</b>	Approx. 22 sec. <sup>1</sup>
<b>Copy resolution</b>	600 x 600 dpi
<b>Gradation</b>	256 gradations
<b>Multi-copy</b>	1–9,999
<b>Original format</b>	A5–A3
<b>Magnification</b>	25–400% in 0.1% steps; Autozooming
<b>Copy functions</b>	Chapter Cover and page insertion Proof copy (print and screen) Adjustment test print Digital art functions Job setting memory Poster mode; Image repeat Overlay Stamping Copy protection

### ■ Printer specifications

<b>Print resolution</b>	1,800 x 600 dpi (standard) 1,200 x 1,200 dpi (high quality) <sup>®</sup>
<b>Controller CPU</b>	PowerPC MPC8536 @ 1.2 GHz
<b>Page description language</b>	PCL 6c (PCL 5c + XL3.0) PostScript 3 (CPSI 3017) XPS
<b>Operating systems</b>	Windows 2000 Windows XP Windows XP64 Windows VISTA 32 Windows VISTA 64 Windows 7 Windows 7 64 Windows Server 2000 Windows Server 2003/2003x64 Windows Server 2008/2008x64 Macintosh 9.x Macintosh 10.x Unix Linux Citrix
<b>Printer fonts</b>	80x PCL Latin 137x PostScript 3 Emulation Latin
<b>Print functions</b>	Direct print of PCL Direct print of PS Direct print of TIFF Direct print of XPS Direct print of PDF and Encrypted PDF files Direct print of OOXML (docx, xlsx, pptx) Mixmedia and mixplex Job programming "Easy Set" Overlay Watermark Copy Protection

### ■ Scanner specifications

<b>Scan Speed mono/colour</b>	Up to 180/180 ipm
<b>Scan resolution</b>	Max.: 600 x 600 dpi
<b>Scan modes</b>	Network TWAIN scan Scan-to-email (scan-to-Me) Scan-to-FTP Scan-to-SMB (scan-to-Home) Scan-to-Box Scan-to-WebDAV Scan-to-DPWS Scan-to-USB
<b>File formats</b>	JPEG TIFF PDF PDF/A 1a and 1b (optional); Compact PDF; Encrypted PDF; Searchable PDF (optional) XPS; Compact XPS; PPTX and searchable PPTX (optional)
<b>Scan destinations</b>	2,100 (single + group); LDAP support
<b>Scan functions</b>	Annotation (text/time/date) for PDF; up to 400 job programs; Realtime scan preview

### ■ Fax specifications

<b>Fax standard</b>	Super G3 (optional)
<b>Fax transmission</b>	Analogue i-Fax Colour i-Fax (RFC3949-C) IP-Fax
<b>Fax resolution</b>	Max.: 600 x 600 dpi (ultra-fine)
<b>Fax compression</b>	MH; MR; MMR; JBIG
<b>Fax modem</b>	Up to 33.6 Kbps
<b>Fax destinations</b>	2,100 (single + group)
<b>Fax functions</b>	Polling; Time shift; PC-Fax; Receipt to confidential box; Receipt to eMail/FTP/SMB; up to 400 job programs

### ■ User box specification

<b>Max. user boxes</b>	1,000
<b>Max. storable documents</b>	Up to 3,000 documents or 10,000 pages
<b>Type of user boxes</b>	Public Personal (with password or authentication) Group (with authentication)
<b>Type of system boxes</b>	Secure print Encrypted PDF print Fax receiving Fax polling
<b>User box functionality</b>	Reprint; combination Download Sending (email/FTP/SMB and Fax) Copy box to box

### ■ System specifications

<b>System memory</b>	2,048 MB
<b>System hard disc</b>	250 GB
<b>Interface</b>	10-Base-T/100-Base-T/1,000-Base-T Ethernet; USB 2.0
<b>Network protocols</b>	TCP/IP (IPv4 / IPv6); IPX/SPX; NetBEUI; AppleTalk (EtherTalk); SMB; LPD; IPP; SNMP; HTTP
<b>Frame types</b>	Ethernet 802.2; Ethernet 802.3; Ethernet II; Ethernet SNAP
<b>Automatic document feeder</b>	Up to 150 originals; A6–A3; 35–210 gsm Dualscan ADF
<b>Printable paper size</b>	A6–SRA3, customised paper sizes; banner paper max. 1,200 x 297 mm
<b>Printable paper weight</b>	52–300 gsm
<b>Paper input capacity</b>	Standard: 3,650 sheets Max.: 6,650 sheets

## technical specifications, bizhub C654/C754

<b>Tray 1 + 2</b>	500 sheets, A5–SRA3, 52–256 gsm
<b>Tray 3</b>	1,500 sheets; A4; 52–256 gsm
<b>Tray 4</b>	1,000 sheets; A4; 52–256 gsm
<b>Manual Bypass</b>	150 sheets; A6–SRA3; custom sizes; banner; 52–300 gsm
<b>Large Capacity Cabinet (optional)</b>	3,000 sheets; A4; 52–256 gsm
<b>Large Capacity Cabinet (optional)</b>	2,500 sheets; A4–SRA3; 52–256 gsm
<b>Automatic duplexing</b>	A5–SRA3; 52–256 gsm
<b>Finishing modes (optional)</b>	Offset; group; sort; staple; punch; post insertion; z-fold; centre-fold; letter-fold; booklet
<b>Output capacity (w. finisher)</b>	Max.: 3,200 sheets
<b>Output capacity (w/o finisher)</b>	Max.: 250 sheets
<b>Stapling</b>	Max.: 100 sheets or 98 sheets + 2 cover sheets (up to 209 gsm)
<b>Stapling output capacity</b>	Max. 1,000 sheets
<b>Letterfold</b>	Up to 3 sheets
<b>Letterfold capacity</b>	30 sheets (tray); unlimited
<b>Booklet</b>	Max.: 20 sheets or 19 sheets + 1 cover sheet (up to 209 gsm)
<b>Booklet output capacity</b>	Max.: 100 sheets (tray); unlimited
<b>Copy/print volume (monthly)</b>	Rec.: 125,000; Max.: 250,000 (bizhub C654) Rec.: 150,000; Max.: 275,000 (bizhub C754)
<b>Toner lifetime</b>	Black 47,200; CMY 31,500
<b>Imaging unit lifetime</b>	Black 300,000/1,200,000 (Drum/Developer) CMY 155,000
<b>Power consumption</b>	220-240 V / 50/60Hz Less than 2.1 KW TEC* 4.94 (bizhub C654) TEC* 5.66 (bizhub C754)
<b>System dimensions (W x D x H, mm)</b>	650 x 799 x 1155
<b>System weight</b>	Approx. 221 kg

### System features

<b>Security</b>	ISO 15408 EAL3 (in evaluation) IP filtering and port blocking SSL2; SSL3 and TSL1.0 network communication IPsec support IEEE 802.1x support User authentication Authentication log; Secure Print Hard disc overwrite (8 standard types) Hard disc data encryption (AES 128) Memory data auto deletion Confidential fax receiving Print user data encryption Copy Protection (copy guard, password)
<b>Accounting</b>	Up to 1,000 user accounts Active Directory support (user name + password + email + smb folder) User function access definition Biometric authentication (finger vein) optional IC-Card authentication (IC-Card reader) optional
<b>Software</b>	PageScope Net Care Device Manager PageScope Data Administrator PageScope Box Operator PageScope Direct Print Print Status Notifier Driver Packaging Utility Log Management Utility



<sup>1</sup> Warm up time may vary depending on the operating environment and usage

a) High quality mode reduces the print speed

\*Typical Electricity Consumption (weekly) by Energy Star regulations



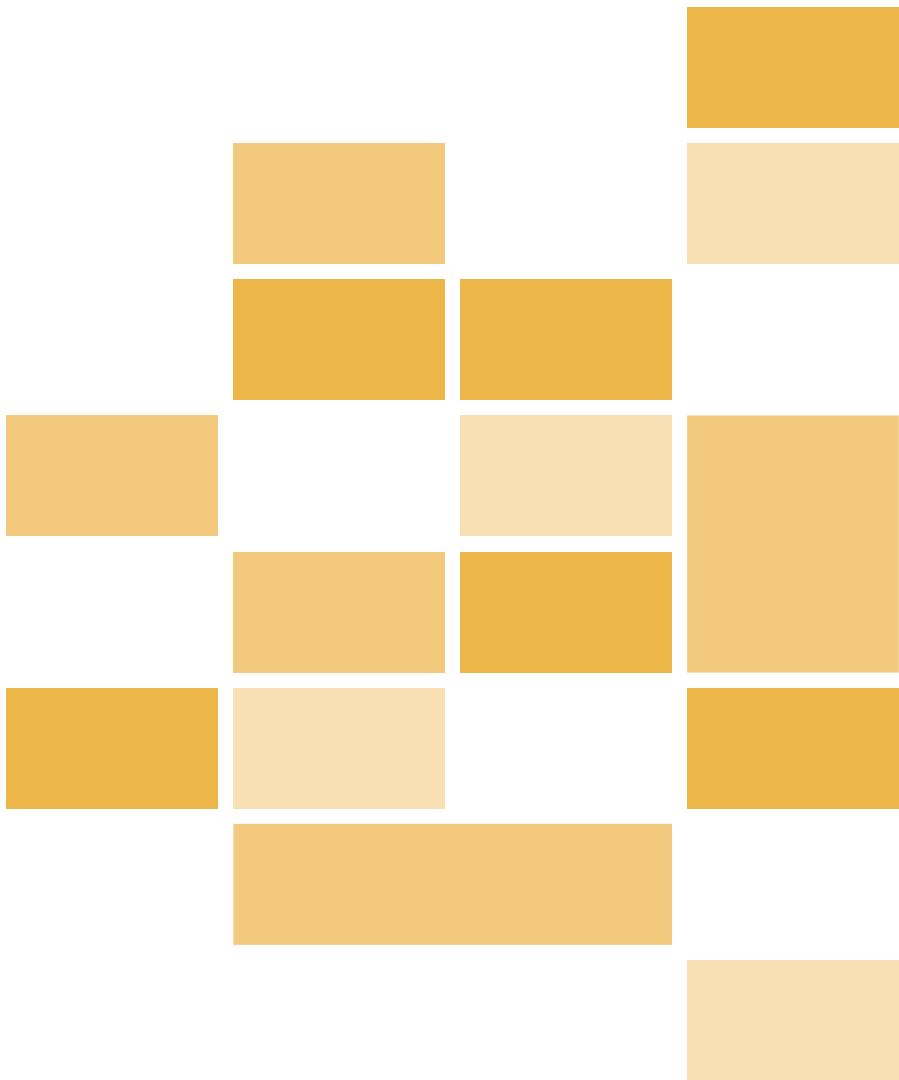
KONICA MINOLTA

# Simitri HD

High Definition Polymerised Toner



SAP® Printer Vendor Solution



- 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.
- The support and availability of the listed specifications and functionalities varies depending on operating systems, applications, network protocols as well as network and system configurations.
- The stated life expectancy of each consumable is based on specific operating conditions such as page coverage for a particular page size (5 % coverage of A4). The actual consumables life will vary depending on the use and other printing variables including page coverage, page size, media type, continuous or intermittent printing, ambient temperature and humidity.
- Some of the product illustrations contain optional accessories.
- Specifications and accessories are based on the information available at the time of printing and are subject to change without notice.
- Konica Minolta does not warrant that any prices or specifications mentioned will be error-free.
- Microsoft, Windows and the Windows logo are trademarks, or registered trademarks, of Microsoft Corporation in the United States and/or other countries.
- All other brand and product names may be registered trademarks or trademarks of their respective holders and are hereby acknowledged.
- Printed in Germany on chlorine-free bleached paper.

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