



4523MFplus, 4524MFplus, 5524MF

PRODUCTIVITY, QUALITY AND SECURITY WITH CONSIDERATION FOR THE ENVIRONMENT

The 45 and 55 pages per minute multifunction printers are the ideal choice for medium and large-sized work groups, even in hybrid working situations. These devices offer the optimum balance between compactness, simplicity of use, quality of performance and data security, all with the utmost respect for environmental requirements.

Document workflow is facilitated and optimised by the sleek and intuitive interface of the wide colour control panel, which can be personalised and is compatible with the JaWS integrated software development platform.

The long-lasting components ensure exceptional reliability and help to reduce operating costs as well as environmental impact.

The 55 pages per minute model is designed to manage high printing and scanning workloads; thanks to the document feeder with duplex scanning in only one step, up to 120 pages can be scanned per minute.

Colour Multifunction Digital Systems

ECO-FRIENDLY	
QUALITY	
SPEED	
SECURITY	
COMPACT	
WI-FI AND WI-FI DIRECT*	

* optional



GENERAL		
Type:	Desk Printer/Scanner/Copier	Desk Printer/Scanner/Copier/Fax Machine
Technology:	Black and white laser; JaWS (Java and Web Solutions) software development platform	
Print/copy speed (per minute):	Up to 45 A4 ppm	
Duplex print/copy speed (per minute):	Up to 22.5 A4 ppm	
Processor:	ARM Cortex-A53 Dual Core 1.4GHz	
Resolution:	1200x1200 dpi (print), 600x600 dpi (scan/copy)	
Operation panel:	7" colour touch display with control panel, speaker for job alerts	
Warm-up time:	Max 23 sec.	Max 25 sec.
First print time:	Max 5.3 sec.	Max 4.5 sec.
First copy time from DP:	Max 6 sec.	
First copy time from glass:	Max 7 sec.	
Memory:	Standard 1.5 GB; max. 3.5 GB (optional)	
Standard interfaces:	USB 2.0 (Hi-Speed), 1 USB Host Interface, Gigabit Ethernet (10BaseT/100BaseTX/1000BaseT), Wireless LAN optional (IEEE 802.11b/g/n), 1 eKUIO slot for optional internal print server or SSD hard disk, slot for optional SD card	
Built-in counter:	100 department codes	
Duty cycle (pages/month):	15,000	16,500
Weight:	Base unit approx. 22.5 kg	Base unit approx. 24.1 kg
Dimensions (W x D x H):	Base unit: 475 x 476 x 575 mm	Base unit: 480 x 495 x 590 mm
Power supply:	AC 220 V ~ 240 V, 50/60 Hz	
Energy consumption while printing:	599.4 W	704.1 W
Energy consumption while copying:	591.9 W	719 W
Energy consumption in ready mode:	57.2 W	59.4 W
Energy consumption in stand-by:	0.5 W	0.5 W
Noise level (according to ISO 7779/ISO 9296)		
- during printing/copying:	69.1 dB(A) LpA	71 dB(A) LpA
- in stand-by:	38.5 dB(A) LpA	39.8 dB(A) LpA
TEC (kWh/wk):	0.62	0.78

Safety standards: GS, TÜV, CE. These products have been manufactured in compliance with the ISO 9001 quality standard and the ISO 14001 environmental directive.

PAPER HANDLING		
Multi-use bypass:	100 sheets, 60-220 g/m ² , A4, A5, A6, B5, B6, Letter, Legal, Folio, Custom (70x140 mm - 216x356 mm), paper for banners up to 915 mm	
Standard tray:	500 sheets, 60-120 g/m ² , A4, A5, B5, Letter, Legal, Folio, Custom (140x210 mm - 216x356 mm)	500 sheets, 60-120 g/m ² , A4, A5, A6, B5, Letter, Legal, Folio, Custom (105x148 mm - 216x356 mm)
Optional tray:	500 sheets, 60-120 g/m ² , A4, A5, B5, Letter, Legal, Custom (92x162 mm - 216x356 mm); (max 4 additional trays)	
Maximum input paper capacity:	2,600 A4 sheets (with additional trays)	
Duplex automatic document feeder:	75-sheet RADF, 50-120 g/m ² , A4, A5, A6, B5, Letter, Legal, Custom (105x148 mm - 216x356 mm)	100-sheet single-pass; 50-120 g/m ² , A4, A5, A6, B5, Letter, Legal, Custom (105x148 - 216x356 mm)
Output paper capacity:	Max 250 sheets face down	Max 500 sheets face down with paper full sensor
Standard duplex function:	60-120 g/m ² , A4, A5, B5, Letter, Legal, Custom (140x210 - 216x356 mm)	

PRINT FUNCTION		
Print speed per minute:	Up to 45 A4 ppm	Up to 55 A4 ppm
Emulations:	PCL 6 (5c/XL), KPDLL 3 (PostScript 3 compatible), PDF Direct Print, XPS Direct Print, AES, Direct Print TIFF/JPEG, Open XPS, URF, PWG Raster, PCLm, Line Printer, IBM Proprinter, Epson LQ-850	
Operating systems:	All current Windows operating systems, Mac OS X 10.9 or later, Chrome OS, Linux	
Fonts/Barcodes:	93 scalable fonts (PCL6/KPDL3); 4 fonts (Calibri); 4 fonts (Cambria); 1 Bitmap font; 45 types of one-dimensional barcodes and 1 type of two-dimensional barcode (PDF417)	
Mobile printing supported:	Olivetti Mobile Print for iOS and Android, AirPrint®, Wi-Fi Direct® (optional)	
Print functions:	Direct PDF printing, IPP 1.0 internet printing, email printing, WSD printing, secure IPP printing via TLS, local and network authentication, IPsec network data encryption, HTTPS, LDAP via TLS, SNMPv3, SMTP via TLS, POP via TLS, encrypted direct PDF printing, printing for Chrome OS	

COPY FUNCTION		
Max copy speed:	45 x A4 ppm	55 x A4 ppm
Reduction/magnification ratios:	7 reductions/5 magnifications	
Max format of original:	A4, Legal	
Continuous copying:	1-999	
Zoom:	25-400 % with increments of 1 %	
Image adjustment:	Text + photo, photo, text, diagram/map, printed document	
Other functions:	Electronic collation, identity card copying, 2-in-1, 4-in-1, automatic tray selection, blank page removal	

SCAN FUNCTION

Features:	Scan-to-Email, Scan-to-FTP, Scan-to-SMB, Scan to USB Host, Network TWAIN, WIA, WSD scan, scanning on Chrome OS, AirPrint®	
Scan speed:	One side only: 60 ipm (300 dpi, A4, B&W), 40 ipm (300 dpi, A4, colour); duplex: 26 ipm (300 dpi, A4, B&W), 17 ipm (300 dpi, A4, colour)	One side only: 60 ipm (300 dpi, A4, B&W), 40 ipm (300 dpi, A4, colour); duplex: 120 ipm (300 dpi, A4, B&W), 80 ipm (300 dpi, A4, colour)
Scan resolution:	600 dpi, 400 dpi, 300 dpi, 200 dpi, 256-level grey scale	
Maximum scan format:	A4, Legal	
Identifying originals:	Text, photo, text + photo, light text/fine lines, optimised for OCR	
Image format:	TIFF/JPEG, XPS, Open XPS, PDF, PDF/A, PDF/A-1a/b, PDF/A-2a/b/u, encrypted PDF, high compression PDF	
Compression method:	MMR/JPEG	
Other features:	Banner scanning, colour scanning, integrated address book, Active Directory, encrypted data transfer, simultaneous multiple sending (email, fax, SMB/FTP folder, print), skip blank page	

FAX FUNCTIONS (except d-Copia 4523MFplus)

Compatibility:	-	Super G3
Modem speed:	-	Max 33.6 kbps
Transmission time:	-	Max 3 seconds
Scan speed:	-	Max 2 seconds
Fax resolution:	-	Normal 200x100 dpi, Fine 200x200 dpi, Superfine 200x400 dpi, Ultrafine 400x400 dpi
Max format of original:	-	A4, Legal
Compression method:	-	JBIG, MMR, MR, MH
Address book:	-	200 contacts
Multiple transmission:	-	Up to 100 recipients
Received memory:	-	256 pages or more
Other features:	-	Network fax, duplex transmission and reception, encrypted transmission and reception, polling transmission and reception, broadcast

CONSUMABLES

The average life of the toner cartridges complies with ISO/IEC 19752

Black toner cartridge (B1445)	Up to 14,500 A4 pages (initial toner up to 6,000 pages)	
Black toner cartridge (B1448)		Up to 25,000 A4 pages (initial toner up to 10,000 pages)
Maintenance kit (B1450)	Up to 300,000 pages	
Maintenance kit (B1451)		Up to 500,000 pages
Maintenance kit for document feeder (B1144)	Up to 200,000 pages	
Maintenance kit for document feeder (B1295)		Up to 200,000 pages
Staple cartridge (B1189)	-	SH-13, 2 packs of 1,500 staples

OPTIONS

Paper tray (B3928)	PF-3110 x 500 sheets (max 4 additional trays)	
PT-320 (B4365)	-	Paper output tray 250 sheets face-up
MS-5100 B (B3625)	-	Stapler: up to 20 sheets; includes 1,500 metal staples
CB-365W L (B3687)	Cabinet with paper compartment (low) 38 cm x 41 cm x 25 cm	
CB-360W H (B3686)	Cabinet with paper compartment (high) 38 cm x 41 cm x 51 cm	
CA-3100 (B2331)	Caster kit: unit with casters for added stability. Mandatory when installing 4 optional paper feed trays	
Memory expansions:	MM-20 (1GB)/MM-21 (2GB), DDR3-144pin DIMM	
HD-17 (B2323)	64 GB SSD hard disk	
HD-18 (B2324)	256GB SSD hard disk	
HD-19 (B2325)	512GB SSD hard disk	
Scan Extension Kit (A) (B4498)	Searchable PDF scanning (integrated OCR), MS Office (docx, xlsx, pptx). Requires HD or optional SD card	
IB-37 (B2215)/IB-38 (B2216)	Wireless LAN (802.11b/g/n) with Wi-Fi Direct®: IB-37 2.4-GHz and 5-GHz; IB-38 2.4-GHz	
IB-53 (B2341)	Gigabit Ethernet Board 10 BaseT/100 BaseTX/1000 BaseT	
IB-54 (B2342)/IB-55 (B2343)	Wireless network interface (802.11b/g/n): IB-53 2.4-GHz and 5-GHz; IB-54 2.4-GHz	
UG-33 (B8403)	ThinPrint support	
UG-50 (B2326)	TPM (Trusted Platform Module)	
USB IC-Card reader	Supports various types of authentication/card/badge reading	
(+ Card Authentication Kit (B) - B8237)		
Card Reader Holder 10 (B4845)	Plastic support to integrate the badge reader into the control panel	