d-Copia

4000MF/5000MF/6000MF

Quality and reliability
A powerful combination

Monochrome MF Digital Systems

SPEED

QUALITY

NETWORK

ECO-FRIENDLY

SECURITY

MOBILITY AND CLOUD

COLOUR TOUCHSCREEN

DIRECT WI-FI

The new A3 monochrome d-Copia 4000MF/5000MF/6000MF multifunctional systems represent a new era of performance and functionality for the current fast-moving business market.

Print quality has reached new high **levels of excellence** with superior print **resolution** enabling even the lightest grey scales in images to be faithfully reproduced and text and fine lines to be clearly defined.

The **fast scanning speed**, in the most popular formats and with standard duplex scanning available, enables users to save time resulting in increased productivity.

With the **OCR function** (optional) documents scanned and transformed into digital format can be made ready immediately for searching, modifying, sharing and archiving, across a network and also on the Cloud.

As a result of **reduced energy consumption** and **secure data management**, these multifunctional systems are ideal for offices with large volumes of work where data security is of great importance.

olivetti

EFFECTIVE RESOLUTION FOR STANDARD PRINTING 1.200 X 1.200 DPI

EXTENSIVE PAPER FORMATS FROM A6 TO SRA3

WIDE CHOICE OF FINISHING OPTIONS AND PAPER TRAYS PROVIDING A MAXIMUM CAPACITY OF 7.150 SHEETS

HIGH SPEED COLOUR SCANNING UP TO 180 IPM

FIRST COPY OUT IN 3.4 SECONDS (d-Copia 6000MF)

RAM 4 GB, SSD 8 GB + HDD 320 GB FOR WORK STORAGE AND ARCHIVE

A CHOICE OF AUTOMATIC DOCUMENT FEEDERS BETWEEN REVERSING OR SINGLE PASS (DUAL SCAN) TYPES

COMPLIANCY WITH THE MOST WIDELY RECOGNISED SECURITY STANDARDS FOR PROTECTING CONFIDENTIAL DATA

RELIABILITY AND LOW ENVIRONMENTAL IMPACT BY UTILISING LONG LIFE MATERIALS

d-Copia
4000MF/5000MF/6000MF

New 9" Touchscreen

The Olivetti d-Copia 6000MF with DP-7110+PF-7110+PF-7120+DF-7110+BF-730+MT-730

QUALITY AND EFFICIENCY

The new d-Copia 4000MF/5000MF/6000MF systems are enhanced with a new engine that increases their effective printing resolution to 1200x1200 dpi. Because of this printing has reached new high levels of excellence, particularly evident when printing fine lines and grey scales.

The increase in print quality is the result of the new generation of toners used, developed not only to bring improvements in quality but also other benefits such as lower energy consumption made possible by the lower melting temperature - a requirement of the most recent environmental legislation.

The d-Copia 4000MF/5000MF/6000MF systems are a leading product, from the point of view of technological innovation. These models reduce the cost per page thanks to the recycling of the empty toner cartridge: Rather than disposing of the old toner cartridge it is remanufactured into a new one. As a result, we have reduced the impact on the environment and, at the same time, reduced the need to buy so many new cartridges.

The d-Copia 4000MF/5000MF/6000MF has been designed around a sophisticated paper management technology that allows a vast range of formats to be handled, from A6 to SRA3, while weights for simplex printing range from 52 to 300 g/m² and duplex printing from 64 to 256 g/m².

A new feature is that envelopes in DL and C5 formats can be fed directly from Tray 1. A large number of improvements have been introduced to simplify using and speeding up these new models, reducing the time required for operations. Examples include: increased cover opening angles to gain easier access to internal parts; the use of transparent paper to allow paper jams to be detected quickly and the ability to remove the automatic trays completely together with their mountings.

SECURITY FIRST

As standard, the d-Copia 4000MF / 5000MF/6000MF systems provide encryption of their SSD memories and of the Hard Disk compliant with the AES (Advanced Encryption Standard) 256 standard for the protection of confidential data.
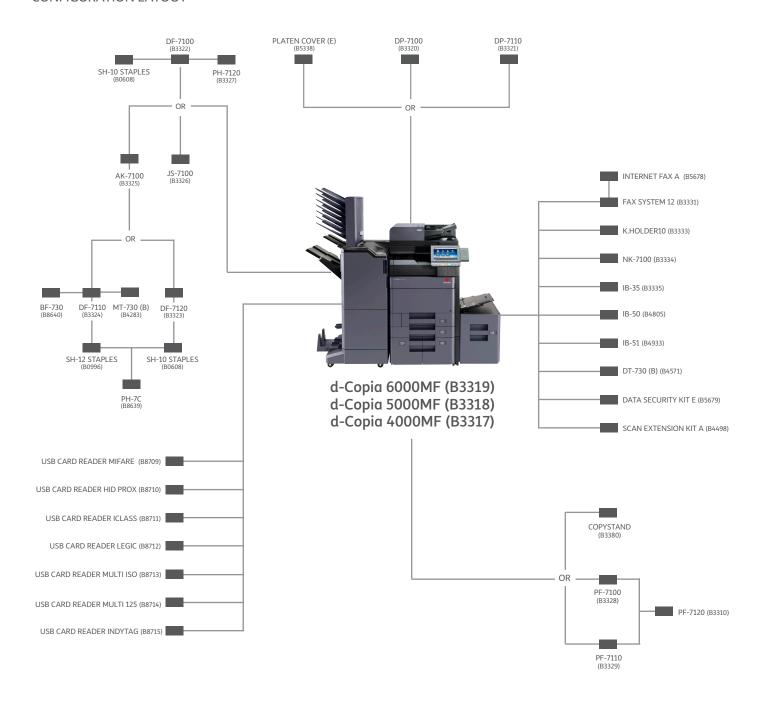
Compatibility with this standard and IEEE 2600.1 requires protection measures to be implemented for all equipment, particularly password management policies, protection of all memory types and the managed protection of all access interfaces.

The "Sanitisation" procedure provides the total multiple overwriting of all types of memory present on the machine including the Hard Disk, SSD memory and fax memory. This procedure is useful at the end of a machine's working life, to delete all data present on the machine making sure the contents cannot fall into the wrong hands.

TOP OF THE RANGE TECHNOLOGY

The d-Copia 4000MF/5000MF/6000MF incorporate innovative technological solutions for strengthening reliability, enhancing quality and reducing energy consumption. To obtain these results, a new QorIQ Dual-Core T1024 CPU has been employed together with a new ASIC unit which allows a 20% increase in efficiency with tangible benefits particularly when printing PDF formats. For the first time there is also an 8 GB SD memory dedicated exclusively to the Operating System while the 320 GB Hard Disk can be used exclusively for user data.

CONFIGURATION LAYOUT

DF-7100 (B3322)
SH-10 STAPLES (B0608)
PH-7120 (B3327)
PLATEN COVER (E) (B5338)
DP-7100 (B3320)
DP-7110 (B3321)
OR
OR
AK-7100 (B3325)
JS-7100 (B3326)

OR

BF-730 (B8640)
DF-7110 (B3324)
MT-730 (B) (B4283)
DF-7120 (B3323)
SH-12 STAPLES (B0996)
SH-10 STAPLES (B0608)
PH-7C (B8639)

INTERNET FAX A (B5678)
FAX SYSTEM 12 (B3331)
K.HOLDER10 (B3333)
NK-7100 (B3334)
IB-35 (B3335)
IB-50 (B4805)
IB-51 (B4933)
DT-730 (B) (B4571)
DATA SECURITY KIT E (B5679)
SCAN EXTENSION KIT A (B4498)

d-Copia 6000MF (B3319)
d-Copia 5000MF (B3318)
d-Copia 4000MF (B3317)

USB CARD READER MIFARE (B8709)
USB CARD READER HID PROX (B8710)
USB CARD READER ICLASS (B8711)
USB CARD READER LEGIC (B8712)
USB CARD READER MULTI ISO (B8713)
USB CARD READER MULTI 125 (B8714)
USB CARD READER INDYTAG (B8715)

COPYSTAND (B3380)
OR
PF-7100 (B3328)
PF-7120 (B3310)
PF-7110 (B3329)

TECHNICAL SPECIFICATIONS

GENERAL

Type	Multifunctional system with floor support Printer/Scanner/Copier
Technology	Monochome laser with JAWS development platform for system customisation
Control Panel	9" colour touch panel tilt adjustment 15° – 90°
Warm-up Time	Approx. 17 seconds or less
Paper Input Capacity	Bypass universal 150 sheets, 52 – 300 g/m2 (Banner 135 – 165 g/m2), A6R – SRA3 (320 x 450 mm), sheet tabs (136 – 256 g/m2), Banner max. 320 x 1,220 mm; paper trays 2 x 500 sheets, 1st cassette A6R – A4R, capacity 500 sheets thickness 0.11 mm), 52 – 300 g/m2 2nd cassette A6R – SRA3, capacity 500 sheets (thickness 0.11 mm), 52 – 300 g/m2 Envelopes fed from 1st cassette (types: DL, C5)
Max Paper Capacity with Options	7,150 A4 sheets
Standard Duplex Printing	Supports formats A6R – SRA3 (320 x 450 mm), 64 – 256 g/m2
Paper Output Capacity	Standard 500 sheets face down, max. with options 4,300 sheets
Processor	Freescale QorIQ T1024 (Dual Core) 1.2 GHz
Memory	RAM 4 GB, SSD 8 GB + HDD 320 GB
Duty Cycle (Max. Pages/Month)	d-Copia 6000MF: 35,000, d-Copia 5000MF: 35,000, d-Copia 4000MF: 30,000
Standard Interfaces	4 USB 2.0 (Hi-Speed), USB Host 2.0, Fast Ethernet 10 Base-T/100 Base-TX/1000 Base-T slot for Fax System optional
Dimensions (W x D x H)	Base units: 602 x 665 x 790 mm
Weight	Base units: approx. 83 kg
Power Supply	220 V ~ 240 V, 50/60 Hz
Power Consumption when Printing	d-Copia 6000MF: 820 W, d-Copia 5000MF: 710 W, d-Copia 4000MF: 610 W
Power Consumption in Stand-by	40 W
Consumption in sleep mode	1 W or less
Printing Noise Level (compliant with ISO 7779/ISO 9296)	d-Copia 6000MF: 72.2 dB(A) LWAd, d-Copia 5000MF: 70.5 dB(A) LWAd, d-Copia 4000MF: 68.6 dB(A) LWAd
User Access/Accounting	Up to 100/1,000
Security	Cryptography of SSD and HDD memories according to AES (Advanced Encryption Standard) 256. Total deletion of data through multiple overwriting executable at end of product life

PRINTING FUNCTIONS

Print Speed (simplex/duplex)	d-Copia 6000MF: Up to 60 ppm A4 / 30 ppm A3, d-Copia 5000MF: Up to 50 ppm A4 / 25 ppm A3, d-Copia 4000MF: Up to 40 ppm A4 / 20 ppm A3
First Print-out Time	d-Copia 6000MF: Approx. 3.8 sec. d-Copia 5000MF: Approx. 4.3 sec. d-Copia 4000MF: Approx. 5.1 sec.
Print Resolution	1200 x 1200 dpi, depth 2 bit for a printing quality equivalent to 4800 dpi x 1200 dpi
Emulations	PCL 6 (PCL-XL /PCL-5e), KPDL 3 (PostScript 3 compatible), PDF Direct Print, XPS Direct Print and Open XPS
Operating Systems	All current Windows operating systems, Mac OS X Version 10.8 or later, UNIX, LINUX
Fonts/Barcodes	93 outline fonts (PCL), 136 outline fonts (KPDL3), 8 fonts (Windows Vista), 1 Bitmap font, 45 types of one-dimensional barcodes, 1 type of two-dimensional barcode (PDF-417)
Mobile Print Support	App Mobile Print for iOS and Android, AirPrint, NFC, Direct Wi-Fi

COPY FUNCTIONS

Copy Speed	d-Copia 6000MF: A4/A3 Up to 60/30 ppm, d-Copia 5000MF: A4/A3 Up to 50/25 ppm, d-Copia 4000MF: A4/A3 Up to 40/20 ppm
First Copy-out Time	d-Copia 6000MF: Approx. 3,4 or less, d-Copia 5000MF: Approx. 3,7 or less, d-Copia 4000MF: Approx. 4,5 or less
Original Max. Size	A3
Number of Copies	1- 999
Zoom	25 – 400% with steps of 1%
Exposure Mode	Automatic, manual: 16 steps
Image Adjustment	Text + photos, text, photos, map

SCANNING FUNCTIONS

Functionalities	Scan to email, Scan to FTP, Scan to SMB, Scan to USB Host, Scan to box, Scan to folder (SMB), Network TWAIN, WSD scanning
Simplex Scan Speed	(A4, 300 dpi, B/W & colour with DP-7100) 80 ipm (A4, 600 dpi, B/W & colour with DP-7100) 60 ipm (A4, 300 dpi, B/W & colour with DP-7110) 100 ipm (A4, 600 dpi, B/W & colour with DP-7110) 60 ipm
Duplex Scan speed	(A4, 300 dpi, B/W & colour with DP-7100) 48 ipm (A4, 600 dpi, B/W & colour with DP-7100) 36 ipm (A4, 300 dpi, B/W & colour with DP-7110) 180 ipm
Scan Resolution	600 x 600 dpi, 400 x 400 dpi, 300 x 300 dpi, 200 x 400 dpi, 200 x 200 dpi, 200 x 100 dpi (24 bit)
Max Scan Format	A3, Banner up to 1,900 mm with optional feeder for originals
Types of Originals Supported	Text, photos, text + photos, optimised for OCR
Image Format	PDF (high compression, encryption, PDF/A), searchable PDF (optional), JPEG, TIFF, XPS, Open XPS
Network Protocol	TCP/IP

FAX FUNCTION (OPTIONAL FAX SYSTEM 12)

Compatibility	ITU-T Upper G3
Modem Speed	Max. 33.6 kbps
Transmission Speed	Max. 3 seconds (JBIG)
Fax Resolution	Normal: 200 x 100 dpi, Fine: 200 x 200 dpi, Superfine: 200 x 400 dpi, Ultrafine: 400 x 400 dpi, 600 x 600 dpi
Original Max. Size	A3, Banner up to 1,600 mm
Compression Method	JBIG, MMR, MR, MH
Features	Internet fax optional, network fax, rotated transmission, rotated reception, fax reception in front-rear, reception into memory, mailbox, remote diagnostics, dual access with second Fax System 12

CONSUMABLES

d-Copia 4000/5000/6000MF Toner	Duration up to 35,000 pages (36,500 ISO 19752). The toner duration relates to A4 format pages, cover of 6%, in continuous printing mode
Maintenance Kit	Duration up to 600,000 prints
WT-8500 Waste Toner Bottle	Approx. 40,000 pages (based on a cover of 6%)
Metal Staple Cartridges	SH-10 for DF-7100, DF-7120 and BF-730 SH-12 for DF-7110

OPTIONS

Fax System (12)	
Internet Fax Kit (A)	
Scan Extension Kit (A)	Solution for scanning searchable PDFs (OCR integrate)
DP-7100 Reverse Automatic Document Feeder (RADF)	140 sheets, 35 – 160 g/m² (front only) A6R – Banner up to 1,900 mm
DP-7110 Automatic Document Feeder	(Dual Scan) 270 sheets, 35 – 220 g/m² (front only), 50 – 220 g/m² (front-rear), A6R – Banner up to 1,900 mm
PF-7100 Paper Cassettes	2 x 500 sheets, 52 – 300 g/m², A6R – SRA3 (320 x 450 mm), folio
PF-7110 Paper Cassettes	2 x 1,500 sheets, 52 – 300 g/m², A4, B5, letter
PF-7120 A4 Side Cassette	3,000 sheets, 60 – 300 g/m², A4, B5
DT-730(B) Document Tray	
DF-7110 Document finisher + AK-7100	Main Unit: Max. 4,000 A4 sheets (3,000 sheets when configured with BF-730); max. 52 – 300 g/m²; max. A6R – SRA3 Secondary tray: 200 A4 sheets; 52 – 300 g/m²; A6R – SRA3 AK-7100: finisher connection kit Stapling: up to 65 A4 sheets or 30 A3 sheets in 3 positions, B5 – SRA3
DF-7120 Document Finisher + AK-7100	Main Tray: 1,000 A4 sheets, 52 – 300 g/m2, A6R- SRA3 stapling 3 positions up to 50 A4 sheets or 30 SRA3 sheets AK-7100: finisher connection kit To install the Finishers DF-7110 and DF-7120 the Bridge Unit AK-7100 unit is required
DF-7100 Internal Finisher	Max. 500 A4sheets; max. 52 – 300 g/m²; A6R- SRA3 stapling up to 50 sheets in 3 positions A4 - A3
PH-7C DF-7120/DF-7110 Hole-punch Unit	2-holes/4-holes,60–300g/m², A5R–A3
MT-730(B) Mailbox Sorter for DF-7110	7 bays x100 A4 sheets,50 A3/B4 sheets 60–165g/m²
BF-730 Brochure and Tri-folding Unit for DF-7110	Halfway fold: 52 – 256 g/m2, A3, B4, A4R Brochure: Max. 16 sheets (64 pages, 60 – 90 g/m²) Folding without stapling: Max. 5 sheets (60 – 90 g/m²) Triple folding: 60 – 105 g/m2, A4R Multiple triple folding: 5 sheets (60 – 90 g/m²), 3 sheets (91 – 105 g/m²)
JS-7100 Job Separator	Internal Job Separator 100 sheets, 52 – 300 g/m2, A5R – SRA3
PH-7120	Internal Hole-punch Unit for Internal Finisher DF-7100
Keyboard Support	
Data Security Kit (E)	Security compliant with ISO 15408 (common criteria) for EAL3 security level
NK-7100 Numeric Keypad	
USB IC Card Reader	Card Authentication Kit (B)AC
Optional Interfaces	IB-35: Direct Wi-Fi interface IB-50: Gigabit-Ethernet 10 Base T/100 Base TX/1000 Base T additional IB-51: Wireless network interface
Platen Cover Type (E)	