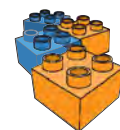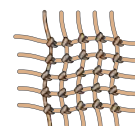# olivetti

BLACK AND WHITE SPEED

MULTIFUNCTION MODULARITY

QUALITY NETWORK

SECURITY

d-COPIA
3500MF**PLUS**, 4500MF**PLUS**
5500MF**PLUS**

Olivetti's new monochrome multifunctional systems adopt **cutting-edge technological solutions** to deliver best-in-class performance. Compliance with the latest environmental standards guarantees maximum attention to **eco-sustainability.**

MONOCHROME MULTIFUNCTIONAL DIGITAL SYSTEMS

ONE OF THE LOWEST POWER CONSUMPTION RATES IN THE CATEGORY

2 GB RAM MEMORY

160 GB HARD DISK

PAPER WEIGHTS FROM 60 TO 300 g/m²

EXTENDED OPERATING CYCLES BETWEEN MAINTENANCE SERVICES

ADVANCED DATA SECURITY SOLUTIONS

TOUCH PANEL WITH NEW INTUITIVE USER INTERFACE

Optional
OCR SCANNING FOR PDF SEARCHABLE FILES

d-COPIA
3500MF**PLUS**, 4500MF**PLUS**
5500MF**PLUS**

New user interface for the colour touch panel

High scanning speed and optional OCR support for production of PDF searchable files

INNOVATION

Olivetti's new range of mid volume models consists of the d-Copia 3500MF PLUS, d-Copia 4500MF PLUS and d-Copia 5500MF PLUS. They implement latest-generation technology and solutions for **easy, productive, secure and eco-sustainable use.**

Products for today's markets must be fast, reliable and secure, and respect the environment. Designed to satisfy and out-perform these requirements, the d-Copia 3500MF PLUS, d-Copia 4500MF PLUS and d-Copia 5500MF PLUS are the new benchmarks in their category.

Key innovations include a **sharp reduction in power consumption**, and a particularly fast first-copy out time. The entire range features a **standard 2 GB RAM**, so no additional expansions are needed to control all the machine functions and options.

The new 8.5" colour touch panel provides an **original and more intuitive user interface**, with navigation similar to a smartphone.

DATA SECURITY

Data protection is of fundamental importance for many office activities. The new d-Copia 3500MF PLUS, d-Copia 4500MF PLUS and d-Copia 5500MF PLUS introduce new solutions to raise security and data confidentiality, both at a local level and for network operations.

The models are compatible with the **IEEE P2600 standard** for security levels on office equipment. Cancellation of hard disk data by overwriting in compliance with the **ISO/IEC 15408 standard** is also extended to the special fax transceiver memory with the optional Data Security Kit (E). Data forwarding in network environments is protected by state-of-the-art transmission protocols such as **SSL, IPsec/IKEv.2.** Various levels of protection are available when printing confidential documents.

Recognition of USB memory sticks can be prohibited to prevent unauthorised data transfers from the MFP.

REDUCED MAINTENANCE

Advances in amorphous silicon technology have enabled development of **print drums with a very long operating life** and a sharp reduction in maintenance services. The new models produce **600,000 printouts from one service to the next**, a market benchmark for this class of product.

Reduced maintenance is a significant factor in **containing running costs** and, consequently, in delivering one of the most competitive per-copy costs on the market.

GREAT FLEXIBILITY

The d-Copia 3500MF PLUS, d-Copia 4500MF PLUS and d-Copia 5500MF PLUS offer one of the **most complete ranges of options on the market today**.

The result is high configuration flexibility, allowing you to "build" the product to suit your specific requirements. **Paper capacity can be increased to 7,150 sheets,** with paper weights ranging from 60 to 220 g/m^2 via the paper cassettes (60 to 300g/m^2 from the by-pass). A choice of two document feeders is available.

The **DP-770 (RADF)** has a stack capacity of 100 sheets and can scan up to 75 ipm. The **DP-772 is a Dual-Scan Feeder** which scans both sides of a document simultaneously has a stack capacity of 175 sheets and scans up to160 ipm.

With the **new optional Scan Extension kit equipped with optical character recognition software**, files can be created in searchable PDF format with separation of images and text, enabling text to be edited and/or copied to other documents.

Two finishers are available, with a capacity of 1,000 or 4,000 sheets, and 50 or 65 sheet-stapling both of which can be equipped with a 2 or 4 hole punch.
The larger finisher can also be fitted with a multi-tray sorter (7 trays), as well as a folder unit for booklets and 6-side leaflets (Tri-fold for A4 sheets).

The list of options also includes a fax board (2 fax boards can be installed for 2 telephone lines), a Data Security kit, for data deletion and overwriting on the hard disk, fax memory, RFID proximity readers, for automatic user authentication, and access to the system functions.

SIMPLIFIED OPERATION

PAPER CAPACITY UP TO 7,150 SHEETS (OPT)
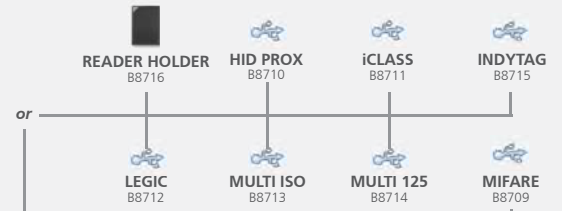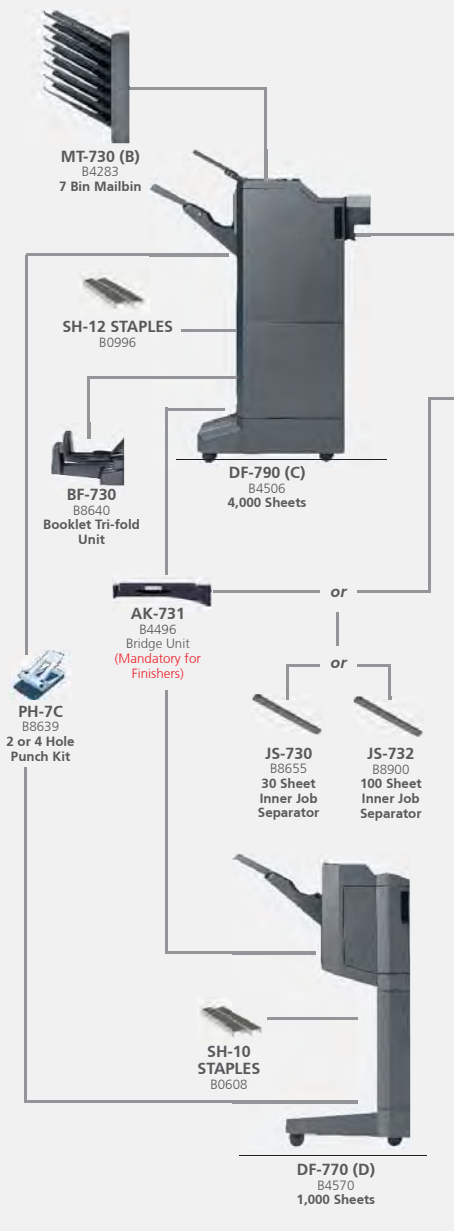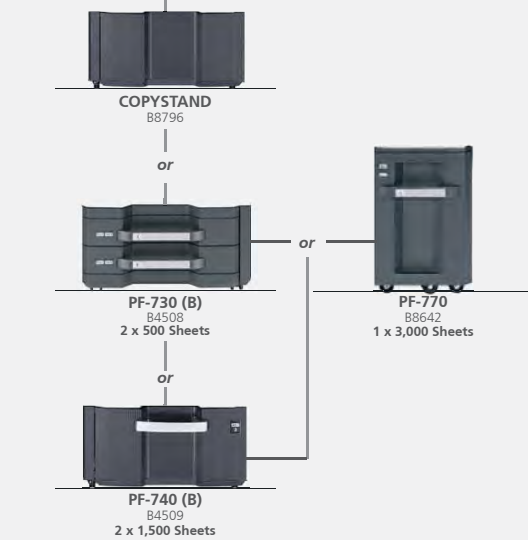
1,000 / 4,000 SHEET FINISHERS (OPT)

olivetti
d-COPIA 3500MF

OPTIONS

Feeds

PLATEN COVER E
B5338

or

DP-770 (B)
B4507
RADF / 100 Sheets

or

DP-772
B4495
Dual Scan / 175 Sheets

USB Card Readers

READER HOLDER
B8716

HID PROX
B8710

iCLASS
B8711

INDYTAG
B8715

or

LEGIC
B8712

MULTI ISO
B8713

MULTI 125
B8714

MIFARE
B8709

Finishers

MT-730 (B)
B4283
7 Bin Mailbin

SH-12 STAPLES
B0996

BF-730
B8640
Booklet Tri-fold Unit

DF-790 (C)
B4506
4,000 Sheets

AK-731
B4496
Bridge Unit
(Mandatory for Finishers)

or

or

JS-730
B8655
30 Sheet Inner Job Separator

JS-732
B8900
100 Sheet Inner Job Separator

PH-7C
B8639
2 or 4 Hole Punch Kit

SH-10 STAPLES
B0608

DF-770 (D)
B4570
1,000 Sheets

Fax

INTERNET FAX A
B5678
Activation Kit

FAX SYSTEM (W) B
B4497
G3 Fax Kit

MM-16-128
B5804
Fax Memory

d-Copia 3500MF PLUS
d-Copia 4500MF PLUS
d-Copia 5500MF PLUS

Trays

COPYSTAND
B8796

or

PF-730 (B)
B4508
2 x 500 Sheets

PF-770
B8642
1 x 3,000 Sheets

or

or

PF-740 (B)
B4509
2 x 1,500 Sheets

Consumables

MK-6315A
MAINTENANCE KIT
B1087

WT-860
WASTE TONER BOX
B0989

TONER CARTRIDGE
B0987

JS-731
B8656
Job Separator
70 Sheets (A4) / 30 Sheets (A3)

DT-730
B4571
Document Tray

DATA SECURITY KIT E
B5679
Data Detection & Over-write

DOCUMENT GUARD KIT
Prevents Copy/Scan of Water-marked Originals

SCAN EXTENTION KIT A
B4498
Searchable PDF (OCR)

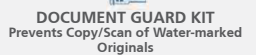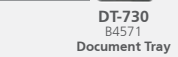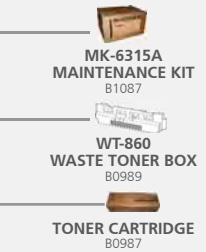*d-Copia 3500MF PLUS, d-Copia 4500MF PLUS or d-Copia 5500MF PLUS with DF-770(D) + DP-770(B) + PF-730(B)*

d-Copia 3500MF PLUS, d-Copia 4500MF PLUS or d-Copia 5500MF PLUS with DF-790(C) + DP-772 + PF-730(B) + PF-770

TECHNICAL CHARACTERISTICS

GENERAL	d-Copia 3500MF^{PLUS}	d-Copia 4500MF^{PLUS}	d-Copia 5500MF^{PLUS}
Desktop/Console	Console		
Technology	Laser semiconductor, with amorphous silicon technology		
Resolution	600 x 600 dpi		
Speed	35 / 17 ppm A4/A3	45 / 22 ppm A4 / A3	55 / 27 ppm A4 / A3
Duplex Unit	Integrated, A3/A5R, (60-256 g/m₂)		
Max./min. Copy Format	A3 / A6R		
Greyscale	256 levels		
Power	220-240 V, 50 Hz		
Power Consumption	Max. 660 W (basic configuration) 820 W (full options)	Max. 780 W (basic configuration) 910 W (full options)	Max. 890 W (basic configuration) 1020 W (full options)
Energy Saving	1.8 W (basic configuration) 12.7 W (full options)	1.8 W (basic configuration) 12.8 W (full options)	1.8 W (basic configuration) 12.8 W (full options)
Total Electric Consumption (TEC) *Watt hours/Week*	2,527 Wh/week (basic configuration)	3,399 Wh/week (basic configuration)	4,253 Wh/week (basic configuration)
Warm-up Time (Seconds)	23 secs (from power-on), 16 secs (from energy saving mode), 10 secs (from stand-by mode with low power consumption)		
Dimensions (WxDxH)	668 x 767 x 747 mm (without options) or 1,635 x 787 x 1,233 mm (with full options)		
Weight	82 kg (without options and without toner cartridge)		
Security Standards	ISO/IEC 15408 EAL3, PP IEEE2600.1, Kerberos local and network authentication, NTLMv1, NTLMv2, IPSec/IKEv2 network data encryption, SNMPv3, SSL (Server IPPS/HTTPS), data overwriting on hard disk with optional Data Security kit (E)		

PRINTER	d-Copia 3500MF^{PLUS}	d-Copia 4500MF^{PLUS}	d-Copia 5500MF^{PLUS}
Print Speed	35/17 ppm A4/A3 (simplex) 35/17 ppm A4/A3 (duplex)	45/22 ppm A4/A3 (simplex) 45/22 ppm A4/A3 (duplex)	55/27 ppm A4/A3 (simplex) 55/27 ppm A4/A3 (duplex)
First Print-out Time	6.0 seconds	5.3 seconds	4.9 seconds
CPU	QorlQ P1022 (Dual Core) 800 MHz		
Resolution	600 x 600 dpi, ECO mode		
Operating Systems	Windows XP, Vista, Win 7, Win 8, Server 2003, Server 2008, Server 2008 R.2, Server 2012, Mac OS X 10.4 and higher versions supported with PPD drivers, Linux (all versions) supported with PPD drivers		
Languages	PCL6, PCL5c, PCL-XL, KPDL3 (compatible PS 3, support for direct PDF printing)		
Fonts	93 (PCL6), 136 Postscript (KPDL 3), 8 Win Vista		
Interfaces	1 x Network Interface 1000 BASE-T/100 base-TX/10 base-T (IPv6, IPv4, IPX/SPX/IPSec), 4 x USB 2.0 host interfaces, 1 x High Speed USB 2.0, 2 x PSTN interfaces (with 2 Fax System W B options)		
Stapling	Available with DF-770 (D) and DF-790 (C) optional finishers		
Hole Punching	Available with PH-7C optional punching unit for the DF-770 (D) and DF-790 (C) finishers		
Folding	Optional unit for saddle folding (format up to A3) and 3-fold for A4 format available for DF-790 (C) finisher		
Multiple Tray	MT-730 (B) optional unit with 7 trays for DF-790 (C) finisher		

SCANNER	d-Copia 3500MF^{PLUS}	d-Copia 4500MF^{PLUS}	d-Copia 5500MF^{PLUS}
Scan Speed Simplex (A4, 300 dpi)	With DP-770 (B) 75 ipm Black & White, 50 ipm colour With DP-772 80 ipm Black & White, 50 ipm colour		
Scan Speed Duplex (A4, 300 dpi)	With DP-770 (B) 45 ipm Black & White, 34 ipm colour With DP-772 160 ipm Black & White, 80 ipm colour		
Resolution	600, 400, 300, 200 dpi, 200 x 100 dpi, 200 x 400 dpi		
Colour Scanning	Black & White, Colour, ACS mixed mode		
Originals	Text, photo, text + photo, optimisation for OCR		
Scan format (max.)	A3		
Image format	TIFF, searchable PDF (*Option*), XPS, JPEG, high compression PDF, encrypted PDF, PDF/A		
Network Protocol	TCP/IP		
Drivers	TWAIN driver, WIA driver		
Functions	Scan to PC (SMB), scan to e-mail (SMTP), scan to FTP, scan to USB, TWAIN source/WIA, WSD scan		
Operating Systems	Windows XP (not for WIA), Vista, WIN 7, Server 2003 (not for WIA), WIN 8, Server 2008, Server 2008 R2, Server 2012		

COPIER	d-Copia 3500MF^{PLUS}	d-Copia 4500MF^{PLUS}	d-Copia 5500MF^{PLUS}
First Copy Time from Glass	4.7 seconds	3.8 seconds	3.2 seconds
First Copy Time from Doc. Feed	6.0 seconds	5.3 seconds	4.9 seconds
Scan Method	Fixed-bed scanner		
Multiple Copies	1-999 copies		
RAM	2 GB standard, 160 GB hard disk, standard SATA 2.5"		
Max. Original Format	A3		
Original Formats from Cassette	A3-A5R		
Original formats from Bypass	A3-A6R (max. 150 sheets, 80 g/m²)		
Paper Weight	Front trays: 60-220 g/m², duplex: 60-256 g/m², bypass: 60-300 g/m²		
Capacity Paper-out Tray	Max. 250 sheets (80 g/m²)		
Zoom	25% to 400%, 1% increments		

FAX SYSTEM (W) (OPTIONAL)	d-Copia 3500MF PLUS	d-Copia 4500MF PLUS	d-Copia 5500MF PLUS
Resolution (max.)	600 x 600 dpi		
Compatibility	Super G.3		
Error Correction Mode	Available		
Function	Network fax		
Compression Methods	JBIG, MMR, MR, MH		
Greyscale	256 levels		
Modem Speed	33.6 kbps with Automatic Fall Back		
Transmission Time	3 seconds (JBIG at 33.6 kbps)		
Memory Back-up	Available (700 pages) / 7,000 pages optional memory		
Document Feed	100 pages (DP-770 B), 175 pages (DP-772)		
Duplex Transmission	Available		
Quick Number Selection	1,000 numbers		
Broadcasting	Up to 500 numbers		
Dual Fax Function	Available with 2 Fax Systems (W) B		
Internet Fax Kit (A)	Available, compatible with the T.37 standard		

OTHER OPTIONS	d-Copia 3500MF PLUS	d-Copia 4500MF PLUS	d-Copia 5500MF PLUS
Document Feed DP-770 (B)	RADF, paper formats: A3-A5R, paper weight simplex 45-160 g/m^2 duplex 50-120 g/m^2 paper capacity up to 100 sheets (80 g/m^2)		
Document Feed DP-772	Dual Scan feed, paper formats: A3-A5R, paper weight simplex 35-220 g/m^2 duplex 50-220 g/m^2 paper capacity up to 175 sheets (80 g/m^2)		
Job Separator JS-730	Internal job separator for use as alternative to the DF-770 (D) and DF-790 (C) finishers, capacity 30 pages		
Job Separator JS-732	Internal job separator for use as alternative to the DF-770 (D) and DF-790 (C) finishers, capacity 100 pages		
Job Separator JS-731	Right external job separator for A3-A4R paper formats, capacity 70 pages		
Document Tray DT-730 (B)	Right side document support shelf		
Kit Document Guard	Kit to prevent copy/scan/fax transmission of confidential documents protected with a security watermark		
Kit Data Security (E)	Security kit to encrypt data stored on the hard disk and fax memory, and overwrite obsolete data		
USB RFID Badge Readers for Authentication	HID prox, MIFARE, LEGIC, MULTI ISO, MULTI 125, iClass, Indytag Each badge reader includes the function activation kit (B)		
Paper Feed PF-730 (B)	Two 500-sheet trays (80 g/m^2), paper weight: 60-256 g/m^2, paper format: A3-A5R, for use as alternative to the PF-740 (B) or Copystand		
Paper Feed PF-740 (B)	Two 1,500-sheet trays (80 g/m^2), paper weight: 60-256 g/m^2, paper format: A4, for use as alternative to the PF-730 (B) or Copystand		
Paper Feed PF-770	3,000-sheet right side tray (80 g/m,), paper weight: 60-300 g/m^2, paper format: A4, for use in addition to the PF-730 (B) or PF-740 (B)		
Finisher DF-770 (D)	Two catch trays, finisher for 1,000 A4 sheets or 500 A3 sheets, stapling of up to 50 A4 sheets or 30 A3 sheets		
Finisher DF-790 (C)	Three catch trays, finisher for 4,000 A4 sheets or 1,500 A3 sheets, stapling of up to 65 A4 sheets or 30 A3 sheets		
Finisher Bridge Unit AK-731	Connection kit for the DF-770 (D) or DF-790 (C) finishers		
Hole Punch (PH-7C)	Hole punch unit for the DF-770 and DF-790 finishers, paper format A3-A5R, paper weight 45-300 g/m^2		
Multiple Tray MT-730 (B)	Multiple tray for the DF-790 (C) finisher, number of trays: 7; paper format: A3-A5R, paper capacity per tray: 100 A4 sheets or 50 A3 sheets, paper weight: 60-163 g/m^2		
Booklet Unit BF-730	Booklet unit for the DF-790 (C) finisher, saddle fold with stapling for A3 - A4R formats up to 16 sheets, tri-fold for up to 5 A4R sheets		