

## TECHNICAL CHARACTERISTICS

GENERAL	3500MF <sup>plus</sup>	4500MF <sup>plus</sup>	5500MF <sup>plus</sup>
Desktop/console	Console		
Technology	Laser semiconductor, with amorphous silicon technology		
Resolution	600 x600 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/m <sup>2</sup> )		
Max./min. copy format	A3 (up to 308.4 x 457.2 mm)/A6R		
Greyscale	256 levels		
Power	220÷240 V, 50 Hz		
Absorption	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	2,527 Wh/week (basic configuration)	3,399 Wh/week (basic configuration)	4,253 Wh/week (basic configuration)
Warm-up time	23 seconds(from power-on), 16 seconds (from energy saving mode), 10 seconds (from stand-by mode with low absorption)		
Dimensions (WxDxH)	648 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)		
Consumables	Toner cartridge: up to 35,000 pages, coverage 6% (not provided) Waste toner tray (WT-860): max. capacity 100,000 pages (provided) Maintenance kit: max. 600,000 pages including drum, transfer, developer Staples set (SH-12) for DF-790 (C), staples set (SH-10) for BF-730 and DF-770 (D)		
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)		
<b>PRINTER</b>	<b>3500MF<sup>plus</sup></b>	<b>4500MF<sup>plus</sup></b>	<b>5500MF<sup>plus</sup></b>
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 printout time	6.0 seconds		
CPU	QorIQ 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 PCL6, PCL5c, PCL-XL, KPD3 (compatible PS 3, support for direct PDF printing), XPS		
Fonts	93 (PCL6), 136 Postscript (KPD3), 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) Available with DF-770 (D) and DF-790 (C) optional finishers		
Stapling	Available with PH-7C optional punching unit for the DF-770 (D) and DF-790 (C) finishers		
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		
<b>SCANNER</b>	<b>3500MF<sup>plus</sup></b>	<b>4500MF<sup>plus</sup></b>	<b>5500MF<sup>plus</sup></b>
Scan speed	With DP-770 (B) 75 ipm B/W, 50 ipm colour		
Simplex (A4, 300 dpi)	With DP-772 80 ipm B/W, 50 ipm colour		
Scan speed	With DP-770 (B) 45 ipm B/W, 34 ipm colour		
Duplex (A4, 300 dpi)	With DP-772 160 ipm B/W, 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, XPS, JPEG, high compression PDF		
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		
<b>COPIER</b>	<b>3500MF<sup>plus</sup></b>	<b>4500MF<sup>plus</sup></b>	<b>5500MF<sup>plus</sup></b>
First copy time (from flat bed)	4.7 seconds	3.8 seconds	3.2 seconds
First-copy time (with DP)	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 feed	A3÷A5R		
Original formats from bypass	A3÷A6R (max. 150 cut sheets, 80 g/m <sup>2</sup> )		
Paper weight	Front trays: 60÷220 g/m <sup>2</sup> , duplex: 60÷256 g/m <sup>2</sup> , bypass: 60÷300 g/m <sup>2</sup>		
Capacity paper-out tray	Max. 250 cut sheets (80 g/m <sup>2</sup> )		
Zoom	25% to 400%, 1% increments		

FAX SYSTEM (W) (OPTIONAL)	3500MF <sup>plus</sup>	4500MF <sup>plus</sup>	5500MF <sup>plus</sup>
Resolution (max.)	600 x 600 dpi		
Compatibility	ITU-TS G.3		
Error Correction	Available		
Mode	Network fax		
Function	JBIG, MMR, MR, MH		
Compression methods	256 levels		
Greyscale	33.6 kbps with Automatic Fall Back		
Modem speed	3 seconds (JBIG at 33.6 kbps)		
Transmission time	Available (700 pages)		
Memory back-up	100 pages (DP-770), 175 pages (DP-771)		
Document feed	Available		
Duplex transmission	1,000 numbers		
Quick number selection	Up to 500 numbers		
Broadcasting	Available with 2 Fax Systems (W) B		
Dual Fax function	Available, compatible with the T.37 standard		
Internet fax kit (A)			
<b>OTHER OPTIONS</b>	<b>3500MF<sup>plus</sup></b>	<b>4500MF<sup>plus</sup></b>	<b>5500MF<sup>plus</sup></b>
Document feed DP-770 (B)	RADF feed, paper formats: A3÷A5R, paper weight simplex 45÷160 g/m <sup>2</sup> , duplex 50÷120 g/m <sup>2</sup> , paper capacity up to 100 sheets (80 g/m <sup>2</sup> )		
Document feed DP-772	Dual Scan feed, paper formats: A3÷A5R, paper weight simplex 35÷220 g/m <sup>2</sup> , duplex 50÷220 g/m <sup>2</sup> , paper capacity up to 175 sheets (80 g/m <sup>2</sup> )		
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 <sup>2</sup> ), paper weight: 60÷256 g/m <sup>2</sup> , paper format: A3÷A5R, for use as alternative to the PF-740 (B) or Copystand 3500/4500/5500MF		
Paper feed PF-740 (B)	Two 1500-sheet trays (80 g/m <sup>2</sup> ), paper weight: 60÷256 g/m <sup>2</sup> , paper format: A4, for use as alternative to the PF-730 (B) or Copystand 3500/4500/5500MF		
Paper feed PF-770	3000-sheet right side tray (80 g/m <sup>2</sup> ), paper weight: 60÷300 g/m <sup>2</sup> , paper format: A4, for use in addition to the PF-730 or PF-740		
Finisher DF-770 (D)	Two catch trays, finisher for 1000 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 4000 A4 sheets or 1500 A3 sheets, stapling of up to 65 A4 sheets or 30 A3 sheets Kit per la connessione dei finitori DF-770 (D), o DF-790 (C)		
Connection kit AK-731	Connection kit for the DF-770 (D) or DF-790 (C) finishers		
Puncher (PH-7C)	Puncher for the DF-770 and DF-790 finishers, paper format A3÷A5R, paper weight 45÷300 g/m <sup>2</sup>		
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 <sup>2</sup>		
Booklet unit BF-730	Booklet unit for the DF-790 finisher, saddle fold with stapling for A3 ÷ A4R formats up to 16 sheets, C-fold for up to 5 A4R sheets		

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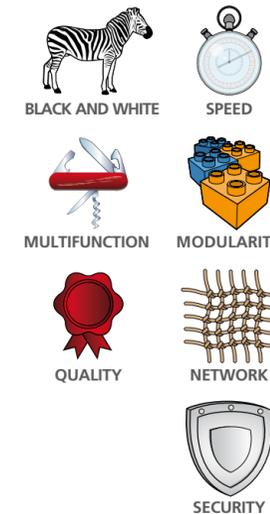


# Olivetti

## d-COPIA

3500MF<sup>plus</sup> 4500MF<sup>plus</sup>  
5500MF<sup>plus</sup>

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 ABSORPTION RATES IN THE CATEGORY

2 GB BASIC MEMORY

160 GB HARD DISK

PAPER WEIGHTS FROM 60 TO 300 G/M<sup>2</sup>

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

3500MFplus 4500MFplus  
5500MFplus



New user interface for touch panel



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

## INNOVATION

The Olivetti d-Copia 3500MFplus, 4500MFplus and 5500MFplus 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 3500MFplus, 4500MFplus and 5500MFplus 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" operator 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 3500MFplus, 4500MFplus and 5500MFplus introduce new solutions to raise security and data confidentiality, both at 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 memories can be inhibited 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 new d-Copia 3500MFplus, 4500MFplus and 5500MFplus offer one of the **most complete ranges of options on the market today**.

The result is high configuration flexibility, allowing the user to "build" the product to suit their specific requirements. **Paper capacity can be increased to 7,150 cut sheets**, with weights ranging from 60 to 220 g/m<sup>2</sup> (60 to 300g/m<sup>2</sup> from the by-pass). A choice of two document feeders is available, one giving priority to productivity and scanning speed, the other to purchase price.

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

**Two stapling finishers** are available, with a capacity of 1,000 or 4,000 cut sheets, both of which can be equipped with a 2/4 hole puncher.

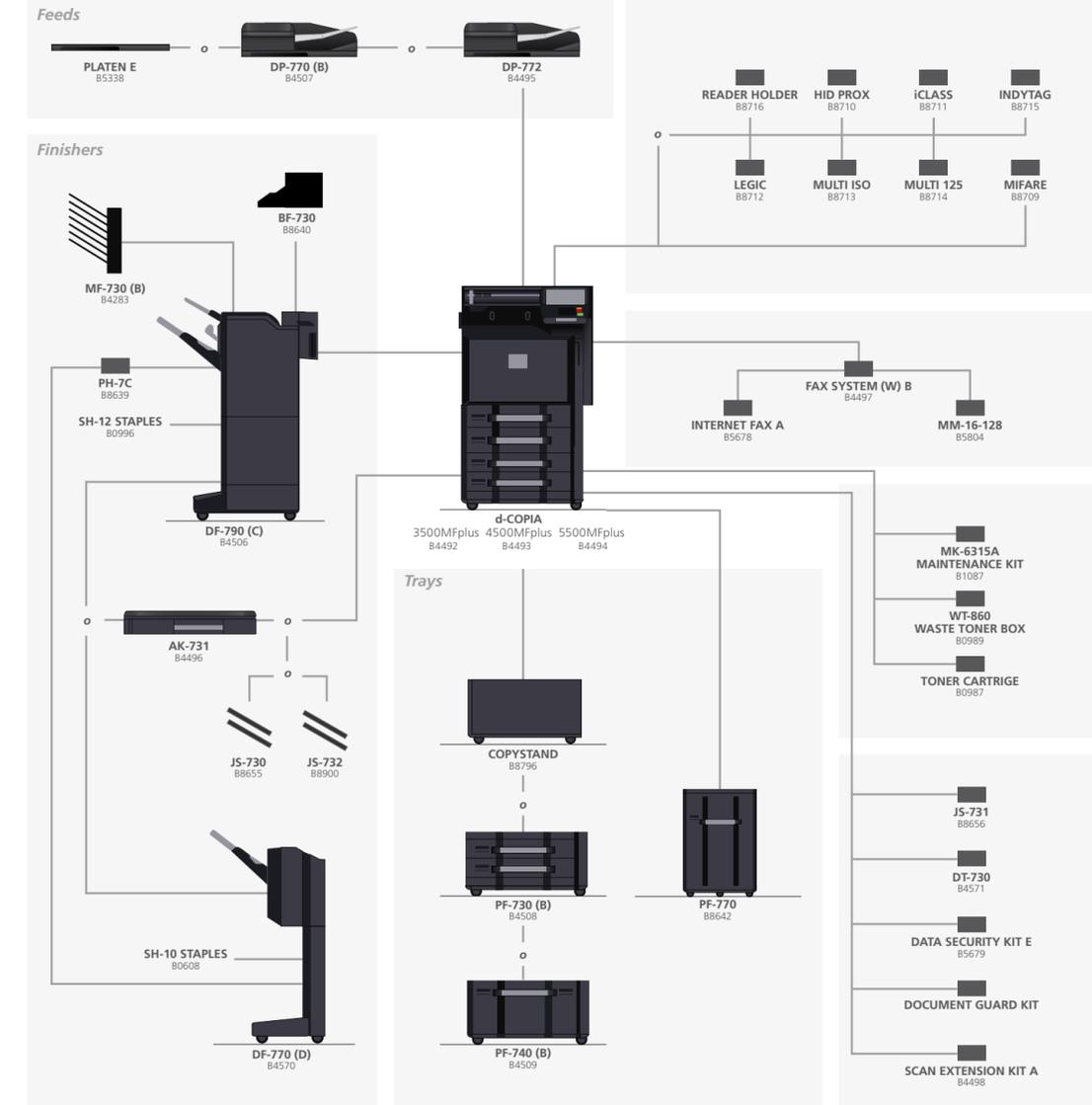
The larger finisher can also be fitted with a multi-tray sorter (7 trays), as well as a folder unit for booklets or 6-side leaflets (C-fold for A4 sheets).

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

**SIMPLIFIED OPERATION**  
**PAPER CAPACITY UP TO 7,150 CUT SHEETS**  
**1,000/4,000-PAGE FINISHERS**



## OPTIONS



d-Copia 3500/4500/5500MFplus with DF-770(D) + DP-770(B) + PF-730(B)



d-Copia 3500/4500/5500MFplus with DF-790(C) + DP-772 + PF-730(B) + PF-770