

d-Copia

3201MF, 4001MF

EVOLUTION OF THE SPECIES

The multifunctional d-Copia 3201MF and d-Copia 4001MF mono models print and copy at speeds of up to 32ppm and 40ppm, respectively. These A3 format MFPs have been designed to meet the current demands of markets, where concern for a printer's impact on the environment, high performance, its print quality and the reduction of running costs, are of the utmost importance.

These models utilise innovative solutions to enhance the printing process and a new toner with a lower melting temperature. Both are key factors contributing to lower energy consumption levels.

Both models have very high maintenance intervals of 600,000 prints; which is unequalled anywhere else in this class. What is more, the print resolution of 1,200 x 1,200 dpi is normally associated with models within faster classes.

The d-Copia 3201MF and d-Copia 4001MF inherit a rich suite of options, from their predecessors, which, it can be argued, help to make them among the most complete set of options for models in this market segment.

These are among the first models to provide compatibility, not only with the new Energy Star 3.0 standard, but also with the latest, most ambitious regulations developed with environmental protection in mind.



d-Copia

3201MF, 4001MF



d-Copia 3201MF (or d-Copia 4001MF) + Platen Cover (E) + PF-810 + DF-7120 + AK-740



d-Copia 3201MF (or d-Copia 4001MF) + DP-7110 + PF-791 + DF-7110 + AK-740 + MT-730(B)

CUSTOMISABLE CONFIGURATIONS FOR ALL REQUIREMENTS

The new d-Copia 3201MF and 4001MF are designed to provide centralised control of all office jobs, such as printing, scanning, copying and faxing, fast and efficiently. With processing speeds reaching, respectively, 32 and 40 pages per minute, printing and copying jobs can be turned around at top speed, while quality preserved thanks to the greater printing resolution of 1,200 x 1,200 dpi. Excellence is also assured for scanning jobs – an activity that is taking precedence in the modern office of today - with the possibility of choosing between three different originals feeders with capacities 50 sheets (DP-7120), 140 sheets (DP-7100) and 270 sheets (DP-7110). The DP-7110 can reach a top speed of 160 images per minute, even for colour. Choosing the optionally available “Scan Extension Kit” integrating the OCR function, scans can be output in searchable PDF formats as well as standard MS Office formats, such as Word, Excel and PowerPoint.

A high degree of processing autonomy is guaranteed by the basic configuration paper capacity of 1,100 sheets, which can be expanded up to 4,100 sheets with options. The exceptional capacity of the machine for holding documents in memory derives from its 32GB Solid State Disk (SSD), allowing it to handle heavy duty cycles with almost imperceptible data access times. Not only, the d-Copia 4001 model comes as standard with a 320GB hard disk, available also as an option for the 3201MF model.

SECURITY PROVIDED AS STANDARD

The d-Copia 3201MF and 4001MF systems come ready with the most effective solutions for data conservation and protection: in their standard configurations file encryption is supported for files on both SSD and HDD. In fact, applying the “AES 256” algorithm, every file held in the machine memory, even temporarily, is rendered inaccessible to any kind of attack.

The sanitisation functionality provided as standard provides total multiple overwriting of all machine memories, including the Hard Disk, SSD memory and Fax memory. Execution of this procedure is useful at the end of a machine’s lifetime to delete completely and definitively all data present, eliminating the possibility of it being read by other unauthorised personnel.

The d-Copia 3201MF and 4001MF boast “Common Criteria” certification according to the ISO/IEC 15408 standards (with Data Security Kit E option).

FULL RESPECT FOR ENVIRONMENTAL CONCERNS

Amorphous silicon technology, repropounded in models d-Copia 3201MF and 4001MF, can be used to produce photoconductive arrays having extended lifetimes, able to deliver up to 600,000 prints. As a result, planned maintenance can be reduced to a minimum, bringing about also reductions in associated management costs.

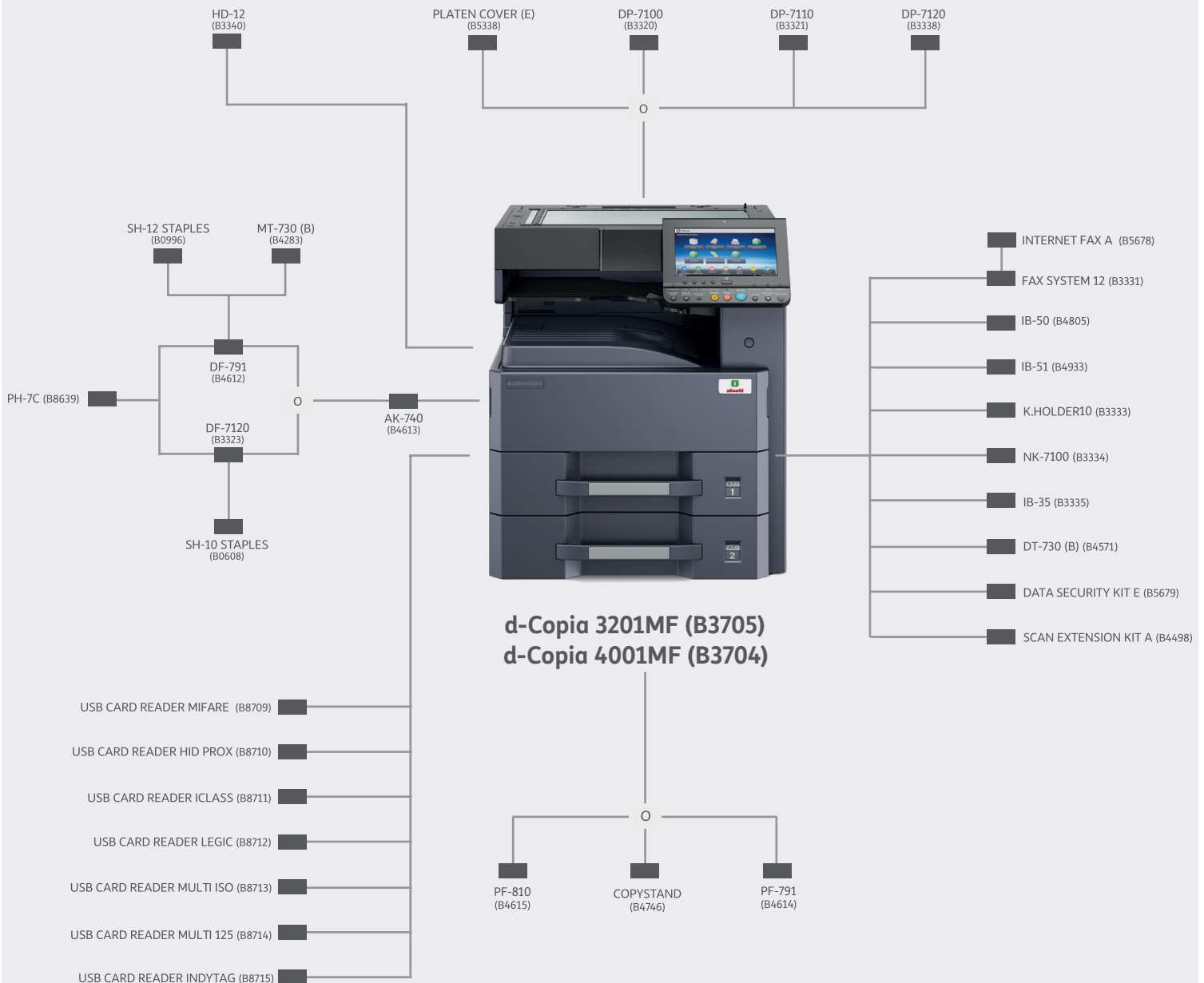
However, the real novelties introduced by these models are solutions aiming at curbing electricity consumption, particularly an original mounting solution that exploits new formulation toner to achieve a lower melting temperature: lower melting temperature being equal to lower energy consumption.

The efficiency of these solutions have led to attribution of Energy Star 3.0 certification and recognition of full compliancy with the new environmental protection standards, RAL UZ-205 and LOT 26/6 2017

Wi-Fi® AND MOBILE PRINTING

The combination of NFC (Near Field Communication) with Wi-Fi Direct® functions enables direct connection between mobile devices and d-Copia 3201MF/4001MF systems. As a result, documents can be shared and functions controlled in a remote manner. Implementing the optional IB-35 wireless interface and various mobile apps, a smartphone or tablet can be used for printing “on-the-move” or cloud scanning without the need for a physical connection with the company network or use of a printer driver.

CONFIGURATION CHART



TECHNICAL SPECIFICATIONS

GENERAL

Type: Printer-Scanner-Copier Multifunction, floor standing

Technology: Mono Laser with AWS development platform for system customisation

Control panel: 9" touch screen with adjustable tilt 15- 90

Warm-up time: 18 secs max

Input paper capacity: Universal bypass:

100 sheets, 45 - 256 g/m², A6R - A3, address book sheets (136 - 256 g/m²);

1st & 2nd drawer A5R - A3, 500-sheet capacity

(thickness 0.11mm), 52 - 163 g/m²;

Maximum paper capacity with options: 4,100 A4 sheets

Standard front/back printing: Supports formats A5R - A3, 52 - 163 g/m²

Output paper capacity: Standard 250 sheets face down, maximum with options 3,200 sheets

Processor: Freescale QorIQ T1024 (Dual Core) 1.0 GHz

Memory: RAM 2 GB, SSD 32GB + HDD 320GB (HDD optional for d-Copia 3201MF)

Work volume (max. pages/month): 30,000

Standard interfaces: 4 USB 2.0 (Hi-Speed),

USB Host 2.0; Fast Ethernet 10 BaseT/100

BaseTX/1000 BaseT; slot for optional Fax System

Dimensions (W x D x H): Base unit: 594 x 696 x 683 mm

Dimensions (W x D x H): Base unit + optional paper drawers: 594 x 696 x 1,006 mm

Weight: Base unit 59.25 kg approx

Power supply: 220 - 240 , 50/60 Hz

Power consumption in print mode: d-Copia 3201MF: 510W;

d-Copia 4001MF: 600W

TEC: d-Copia 3201MF: 1.43 kWh/week;

d-Copia 4001MF: 1.94 kWh/week

Consumption in stand-by mode: 70W

Consumption in sleep mode: 1W approx

Noise level when printing (in accordance with ISO 7779/ISO 9296): d-Copia 3201MF: 66 dB(A)

(Lwad); d-Copia 4001MF: 67 dB(A) (Lwad)

Security standards: GS, TUV , CE.

This product has been manufactured by a company operating in conformity with ISO 001 Quality Standards and ISO 14001 Environmental Directives; RoHs Compatibility

PRINT FUNCTIONS

Print speed (simplex/duplex) max:

d-Copia 3201MF: 32ppm A4/17ppm A3;

d-Copia 4001MF: 40ppm A4/21ppm A3

First printout time: 4.2 secs approx

Printing resolution: 1200 x 1200 dpi

Emulations: PCL 6 (PCL-XL /PCL-5e), KPDL 3

(compatible Post-Script 3), PDF, XPS/Open XPS

Operating systems: All current Windows operating systems, Mac OS X version 10.6 or later, UNIX, LINUX

Barcodes/Fonts: 93 fonts (PCL6), 136 fonts (KPDL3), 8 fonts (Windows ista), 1 Bitmap font, 45 types of one-dimensional barcode, 1 two-dimensional barcode (PDF-417)

Mobile printing support: Mobile Print App for iOS and Android, AirPrint®, NFC, Wi-Fi Direct®, Google Cloud Print

COPY FUNCTIONS

Copy speed, max: d-Copia 3201MF: 32/17 ppm A4/A3;

d-Copia 4001MF: 40/21 ppm A4/A3

First copy time: Approx 3.6 secs or less

Originals format, max: 3

Multiple copies: 1 - 999

Zoom: 25 - 400 with steps of 1%

Scan mode: Automatic, manual: 16 steps

Image adjustment: Text + photos, text, photos, map

SCAN FUNCTIONS

Functionalities: Scan to email, Scan to FTP, Scan to SMB, Scan to USB Host, Scan to box, Network TWIN, WSD scan

Scan speed, max: 160 ipm (A4, 300 dpi, duplex scan with DP-7110) in mono and colour

Scanning 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)

Scan format, max: A3, Banners up to 1,00 mm with optional Originals Feeder

Originals recognised: Text, photos, text + photos, optimised for OCR; PDF (high compression, encrypted, PDF/A), searchable PDF (optional), PEG, TIFF, XPS, Open XPS

Network protocol: TCP/IP

FAX FUNCTION (Fax System 12 optional)

Compatibility: ITU-T Super 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 format, max: A3, Banners up to 1,600 mm

Compression method: JBIG, MMR, MR, MH

Other features: Optional Internet fax, network fax, rotated trans- mission, rotated reception, front-back fax reception, reception in memory, mailbox, remote diagnostics, dual access with second Fax System 12

CONSUMABLES

d-Copia 3201MF (B1276) Toner: Cartridge capacity: up to 20,000 pages

d-Copia 4001MF (B1277) Toner: Cartridge capacity: up to 35,000 pages

Maintenance kit (B1278): For scheduled maintenance up to 600,000 printouts

Metal staple cartridges: SH-10 (B0608) for DF-7120, SH-12 (B0 6) for DF-791

OPZIONI

Fax System 12

Internet Fax Kit (A)

Scan Extension Kit (A): Solution for scanning searchable PDFs (OCR integrated) and MS Office formats (with inversion)

DP-7100 Automatic document feeder: 140 sheets, 35 - 160 g/m² (front only), (front-back scanning in single pass) 270 sheets, 35 - 220 g/m² (front only), 50 - 220 g/m² (front-back), A6R - Banners up to 1,900 mm (with inversion)

DP-7110 Automatic document feeder: 50 - 220 g/m² (front/back), A6R, A3, Banners up to 1,900 mm

DP-7120 Automatic document feeder: 50 - 120 g/m² (front/back), A5R, A3, Banners up to 1,900 mm

PF-791 Paper drawers: 2 x 500 sheets, 60 - 256 g/m², A5R - A3, 2 x 1,500 sheets, 60 - 256 g/m², A4, B5, letter

PF-810 Paper drawers: Document tray

DT-730(B): Main tray: Max. 3,000 A4 sheets; max. 60 - 256 g/m²;

DF-791* Document finisher + AK-740: Secondary tray: 200 sheets max A3; Stapling up to 65 A4 sheets or 30 A3 sheets in 3 positions, B5 - A3

Main tray: 1,000 A4 sheets, 52 - 300 g/m², A5R-A3

DF-7120* Document finisher + AK-740:

3-position stapling for up to 50 A4 sheets or 30 A3 sheets

**AK-740 is required for the installation of DF-791 and DF-7120.*

PH-7C Punch kit for DF-791/DF-7120: 2-holes/4-holes, 60 - 256 g/m², A5R - A3

MT-730(B) Mailbox Sorter for DF-791: 7

compartments x 100 sheets A4, 50 sheets A3/B4, 60 - 163 g/m²

HD-12: 320GB HDD (d-Copia 3201MF only)

Data security kit (E): Compliant with ISO 15408 (Common Criteria) EAL3 security level

NK-7100: Numeric keypad

USB IC Card Reader: Card Authentication Kit (B) AC

Optional interfaces:

IB-35: Wi-Fi Direct® Interface;

IB-50: LAN Ethernet additional interface;

IB-51: LAN Wi-Fi® interface