# olivetti

**COLOR**

**SPEED**

**QUALITY**

**NETWORK**

**ECO FRIENDLY**

**SECURITY**

**MOBILITY & CLOUD**

**COLOUR TOUCH DISPLAY**

# d-COLOR
## MF254/MF304/MF364

# INNOVATION THAT MAKES ITS MARK

Designed to deliver **the highest standard of print quality both in mono and colour**, even under heavy volume conditions, the new **d-Color MF254/MF304/MF364** A3 colour multifunctional systems are ready to be put to the test.

**Customer research has shown these models provide superior performance** and **quality** while being very **simple to use**, which is the result of a **new user interface** and the ability to **connect to mobile devices and Cloud platforms**.

Their **consumables have been designed to offer maximum yield** for even greater cost savings and improved care for the environment. **Paper quantities** and **handling** can be **customised** to suit different workflow volumes and **energy absorption has been further reduced**. What is more, most of the **components** continue to be made from **recycled** and **recyclable materials.**

**Data security** is assured through the added benefit of **hard disk mirroring** which is available on these new models.

**SPEED 25 PPM (d-Color MF254), 30 PPM (d-Color MF304) & 36 PPM (d-Color MF364) IN COLOUR AND MONO**

**9" TOUCH SCREEN WITH NEW INTUITIVE USER INTERFACE**

**BLUETOOTH AND NEAR FIELD COMMUNICATION (NFC) CONNECTION AREA INTEGRATED WITHIN OPERATOR PANEL**

**INTEGRATED WEB BROWSER, AIRPRINT® AND GOOGLE CLOUD PRINT**

**GREAT PAPER CAPACITY UP TO 6,650 SHEETS**

**SECOND OPTIONAL HARD DISK WITH 'MIRRORING' FUNCTION**

**REDUCED ENERGY ABSORPTION**

**OCR SCANNING OF "SEARCHABLE PDF" FILES OR OPTIONAL MICROSOFT OFFICE OPTIMISED FILES**

# d-COLOR
## MF254/MF304/MF364



*New area for Near Field Communication (NFC) Authentication*



*Configuration with FS-534SD Finisher, PC-410 Tray, LU-302 Large Capacity Tray, and DF-704 Document Feeder*

## A HARD WORKER WITH GREAT CHARACTER

**Performance, reliability, quality and competitive costs** are just some of the factors behind the success of predecessors to the d-Color MF254/MF304/MF364 multifunctional systems. The **upgraded, improved versions** are enhanced with many **new benefits and features** specially developed to meet all the demands of the modern office.

## OPERATIONAL SIMPLICITY

The d-Color MF254/MF304/MF364 feature a **new 9" touch-panel integrated with an intuitive user interface** developed in line with technology found on PCs, tablets and smartphones.
The physical aspect of the interface and its functionalities can be **customised to meet specific usage needs**, through the use of "**widgets**" to enable operational notes or notifications.

## CONNECTED WHEREVER YOU ARE

**AirPrint®, provided as standard**, allows **printing from an iOS device** (from iOS version 4.2 to 10.7 and later) and **compatibility with Google Cloud Print**, through the installation of a specific software connector.

On the operator panel there is a special area allowing connection with **NFC** (Near Field Communication) **technology devices** for authenticating users or using Bluetooth (optional).
Finally, these new models have a **web browser** as standard, allowing internet usage and users to print web pages directly from the machine.

## HIGH LEVEL PERFORMANCE AND RELIABILITY

The d-Color MF254/MF304/MF364 are designed for handling **high volumes of print**. The **basic paper capacity of 1,150 sheets** can be increased up to 6,650 with the new LU-302 Large Capacity Tray for holding up to 3,000 A4 sheets.
**Front trays are now removable** allowing paper jams to be cleared quickly and easily.
The FS-533 500-sheet finisher can be integrated inside the new models, instead of the 3,000-sheet FS-534 side finisher, with the mandatory addition of the new RU-513 connection option. In both cases, hole-punch options are available.
The new optional IC-416 Fiery Controller is available for graphic arts applications, with related VI-508 video interface.
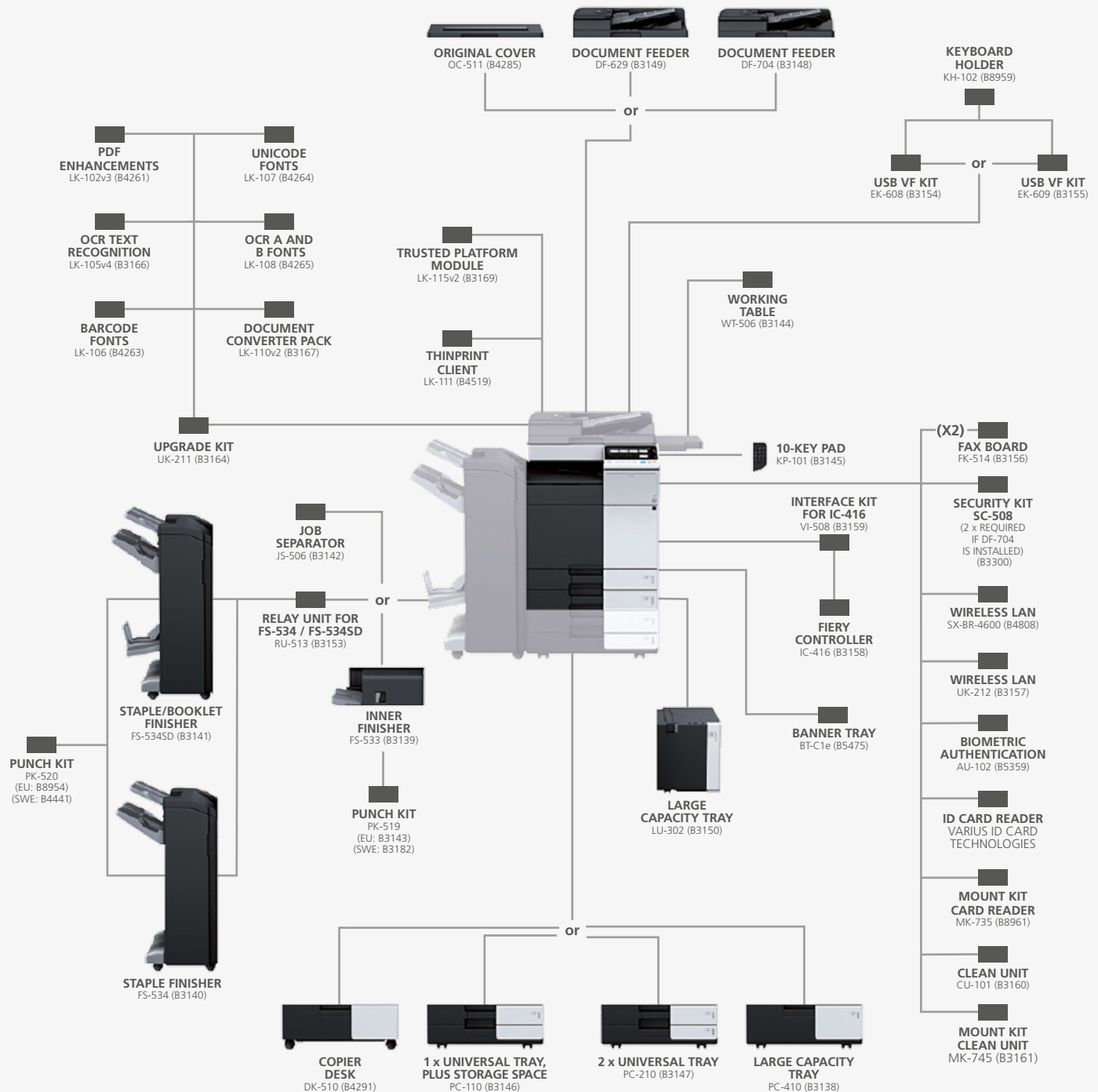
## SECURITY IS A TOP PRIORITY

With the new HD-524 option a second **hard disk is 'mirrored' with the primary hard disk** to prevent data loss in the case of failure of the primary hard disk. **User authentication** can be managed by **card readers** (various versions are available as options), **Android mobile devices can operate the NFC technology or biometric authentication** involving the detection of finger vein mapping (available with option AU-102) and Apple devices can access this via Bluetooth.

## ENVIRONMENTAL RESPECT

**In Sleep Mode**, the d-Color MF254/MF304/MF364 have a reduced **energy absorption of only 0.6 W**, as well as significantly **reduced TEC absorption** (Typical Electric Consumption).
More than 25% of the total volume of plastic materials used is comprised of recycled PC/PET materials.
This means that **78%** of the **material** making up the external surfaces is composed of **recycled and recyclable** materials.

## CONFIGURATION LAYOUT

**ORIGINAL COVER**
OC-511 (B4285)

**DOCUMENT FEEDER**
DF-629 (B3149)

**DOCUMENT FEEDER**
DF-704 (B3148)

**KEYBOARD HOLDER**
KH-102 (B8959)

or

**USB VF KIT**
EK-608 (B3154)

or

**USB VF KIT**
EK-609 (B3155)

**PDF ENHANCEMENTS**
LK-102v3 (B4261)

**UNICODE FONTS**
LK-107 (B4264)

**OCR TEXT RECOGNITION**
LK-105v4 (B3166)

**OCR A AND B FONTS**
LK-108 (B4265)

**TRUSTED PLATFORM MODULE**
LK-115v2 (B3169)

**WORKING TABLE**
WT-506 (B3144)

**BARCODE FONTS**
LK-106 (B4263)

**DOCUMENT CONVERTER PACK**
LK-110v2 (B3167)

**THINPRINT CLIENT**
LK-111 (B4519)

**UPGRADE KIT**
UK-211 (B3164)

**10-KEY PAD**
KP-101 (B3145)

**(X2)**

**FAX BOARD**
FK-514 (B3156)

**JOB SEPARATOR**
JS-506 (B3142)

**INTERFACE KIT FOR IC-416**
VI-508 (B3159)

**SECURITY KIT SC-508**
(2 x REQUIRED IF DF-704 IS INSTALLED)
(B3300)

**RELAY UNIT FOR FS-534 / FS-534SD**
RU-513 (B3153)

or

**FIERY CONTROLLER**
IC-416 (B3158)

**WIRELESS LAN**
SX-BR-4600 (B4808)

**WIRELESS LAN**
UK-212 (B3157)

**STAPLE/BOOKLET FINISHER**
FS-534SD (B3141)

**INNER FINISHER**
FS-533 (B3139)

**BANNER TRAY**
BT-C1e (B5475)

**BIOMETRIC AUTHENTICATION**
AU-102 (B5359)

**PUNCH KIT**
PK-520
(EU: B8954)
(SWE: B4441)

**PUNCH KIT**
PK-519
(EU: B3143)
(SWE: B3182)

**LARGE CAPACITY TRAY**
LU-302 (B3150)

**ID CARD READER**
VARIUS ID CARD TECHNOLOGIES

**MOUNT KIT CARD READER**
MK-735 (B8961)

or

**CLEAN UNIT**
CU-101 (B3160)

**STAPLE FINISHER**
FS-534 (B3140)

**COPIER DESK**
DK-510 (B4291)

**1 x UNIVERSAL TRAY, PLUS STORAGE SPACE**
PC-110 (B3146)

**2 x UNIVERSAL TRAY**
PC-210 (B3147)

**LARGE CAPACITY TRAY**
PC-410 (B3138)

**MOUNT KIT CLEAN UNIT**
MK-745 (B3161)

# TECHNICAL SPECIFICATIONS

## GENERAL

| | |
|---|---|
| **Type** | Desktop, Printer/Scanner/Copier |
| **Technology** | Laser semiconductor, 4 beam |
| **Integrated Duplex Unit** | Paper formats SRA3-A5 (52-256g/m²) |
| **Copy Format: max./min.** | SRA3/A6R |
| **Max. Document Format** | A3 |
| **Scanning Resolution** | 600x600 dpi |
| **Copy Resolution** | 1,800 dpi (equivalent) x 600 dpi |
| **Grey Scale** | 256 levels |
| **Memory Capacity (Standard/Max.)** | 2 GB / 4 GB |
| **Hard Disk Capacity** | 250 GB |
| **Warm-up Time** | 20 sec. |
| **Time for First Copy in Mono** | MF254: 6,1 sec.   MF304: 5,6 sec.   MF364: 5,3 sec. |
| **Time for First Copy in Colour** | MF254: 7,5 sec.   MF304: 7,3 sec.   MF364: 6,9 sec. |
| **Copying speed  Mono & Colour (A4)** | MF254: 25 copies per minute; MF304: 30 copies; MF364: 36 copies |
| **Zoom** | 25%-400% in steps of 0.1 |
| **Tray 1 Paper Capacity** | 500 sheets max. format A3, 80g/m² |
| **Tray 2 Paper Capacity** | 500 sheets max. format SRA3, 80g/m² |
| **By-pass Tray Capacity** | 150 sheets max. format SRA3, 80g/m² |
| **Trays 1/2 Paper Weight** | 52-256 g/m² |
| **By-pass Tray Paper Weight** | 60-300 g/m² |
| **Max. Paper Capacity with Optional Trays** | 6,650 A4 sheets or 2,150 A3 sheets + 3,000 A4 sheets |
| **Dimensions and Weight (WxDxH)** | Base unit 615x685x779, 85kg With options (max.) 1,820x818x1,167 |
| **Power Supply** | 220-240V, 8.0A (50-60Hz) |
| **Absorption** | Max. 2,000W Sleep mode: 0.6W |
| **TEC (Total Electricity Consumption)** | MF254: 1,225 kWh/week; MF304: 1,57 kWh; MF364: 1,845 kWh |

## PRINTER

| | |
|---|---|
| **CPU** | ARM Cortex-A7 Dual-core 1.2GHz |
| **Memory** | Shared with copy function |
| **Printing Speed Mono & Colour (A4)** | MF254: 25 copies per minute MF304: 30 copies per minute MF364: 36 copies per minute |
| **Hard Disk** | Shared with copy function |
| **Printing Resolution** | 1,800 dpi (equivalent) x 600 dpi with smoothing, or 1,200x1,200 dpi |
| **PDL** | PCL 6, PostScript 3 Emulation, XPS |
| **Protocols** | TCP/IP, IPX/SPX, SMB (NetBEUI), LPD, IPP1.1, SNMP, Apple Talk |
| **Operating Systems** | Windows Vista / 7 / 8 / 8.1 (32-bit or 64-bit) Windows Server 2008 / 2008 R2 / 2012 / 2012 R2 Mac OS X (10.6 / 10.7 / 10.8 / 10.9 / 10.10) Linux |
| **PCL Font** | 80 Roman font |
| **PS Font** | 137 Roman Type 1 font |
| **Interfaces** | Ethernet (10-Base-T/100-Base-TX/1,000-Base-T), USB 1.1, USB 2.0, IEEE 802.11 b/g/n (optional), Bluetooth LE (optional) |

## SCANNING

| | |
|---|---|
| **Type** | Colour Scanner |
| **Interfaces** | Ethernet (10-Base-T/100-Base-TX/1000-Base-T), IEEE 802.11 b/g/n (optional) |
| **Driver** | TWAIN driver, HDD TWAIN driver |
| **Protocols** | TCP/IP (FTP, SMB, WebDAV), (IPv4/IPv6) |
| **Scanning Speed (Colour & Mono, 300 dpi, A4, simplex)** | 80 ipm (with Document Feeder) |
| **Max. Scanning Format** | A3 |
| **Output Formats** | TIFF, JPEG, PDF, Compact PDF, XPS, Compact XPS, OOXML .PPTX, .XSLX, .DOCX (opt.), Searchable PDF (opt.), PDF/A (opt.), Linearised PDF (opt.) |
| **Scanning Resolution** | 100, 200, 300, 400, 600 dpi |
| **Main Functions** | Scan-to-E-Mail, Scan-to-FTP, Scan-to-Box (HDD), Scan-to-PC (SMB), Network TWAIN, Scan-to-WebDAV, Scan-to-USB, Scan-to-Scan Server, Device Profile for Web Services (DPWS) |

## FAX (OPTIONAL) & INTERNET FAX

| | |
|---|---|
| **Communications** | Super G3 |
| **Super G3 Fax Interface** | Public Switched Telephone Network, Private Branch Exchange |
| **Resolution** | Ultra Fine 600x600dpi, Super Fine 400x400dpi, Fine 200x200 dpi, Normal 8 dots/mm x 3.85 dots/mm |
| **Modem Speed** | 33.6 kbps with Automatic Fall Back |
| **Compression** | MH/MR/MMR/JBIG |
| **Max. Transmission Format** | A3 |
| **Max. Reception Format** | A3 |
| **Transmission Time per Page** | Less than 2 sec. (A4, V.34, 33.6 kbps, JBIG) |
| **Agenda with Abbreviated Numbers** | Up to 2,000 numbers |
| **Internet Protocol** | TX: SMTP; RX: POP3, TCP/IP Simple mode |
| **Internet Interface** | Ethernet (10-Base-T/100-Base-TX/1000-Base-T) |
| **Fax Internet Format** | TIFF |

## OTHER MAIN OPTIONS

| | |
|---|---|
| **DF-629 - Automatic Duplex Document Feeder** | Capacity up to 100 sheets 80g/m² Max. paper format A3 Fine paper weight 35-49 g/m² (simplex reading only), normal paper 50-128 g/m² (simplex/duplex reading) |
| **DF-704 - Automatic Document Feeder** | Capacity up to 100 sheets 80g/m² Max. paper format A3 Fine paper weight 35-49 g/m² (simplex reading only), normal paper 50-163 g/m² (simplex/duplex reading) |
| **OC-511 - Platen Cover** | Basic platen glass cover |
| **PC-110 - 1 x 500 Sheet Tray** | A3-A5 formats, paper weight 52-256 g/m² |
| **PC-210 - 2 x 500 Sheet Tray** | A3-A5 formats, paper weight 52-256 g/m² |
| **PC-410 - 1 x 2,500 Sheet Tray** | A4 format, paper weight 52-256 g/m² |
| **LU-302 - Large Capacity Tray** | Capacity: 3,000 sheets, A4 format, paper weight 52-256 g/m² |
| **FS-533 - Inner Staple Finisher** | Finisher integrated with stapling of 500 sheets |
| **PK-519 - Hole Punch Kit** | 2 or 4-hole perforator for FS-533 finisher |
| **FS-534 - External Staple Finisher** | For stapling of up to 3,000 sheets |
| **FS-534SD - External Staple Finisher/Booklet & Tri-fold Applications** | For stapling of up to 3,000 sheets, including Tri-fold and centre staple function for booklets |
| **RU-513 - Mandatory Bridge Unit** | Connection module for FS-534 and FS-534SD finishers |
| **PK-520 - Hole Punch Kit** | 2-hole or 4-hole perforator for FS-534 and FS-534SD finishers |
| **JS-506 - Inner Job Separator** | Job separation tray to be mounted in place of finishers for offset group/sort |
| **HD-524 - Additional Hard Disk** | For backing up data held  on Primary Hard Disk |
| **AU-102** | Biometric Authentication Kit |
| **SX-BR-4600** | WLAN Connection Kit |
| **UK-212** | WLAN Access Point |
| **KH-102** | External Keyboard Holder |
| **EK-608** | USB interface kit for External Keyboard |
| **EK-609** | USB + Bluetooth for connecting Mobile devices |
| **SC-508** | Security Copy Guard Kit |
| **i-Option** | LK-102v3: PDF encryption, PDF/A 1b LK-105v4: OCR searchable, PPTX LK-106: Barcode font printing LK-107: Unicode font printing LK-108: OCR font printing LK-110v2: DOCX, XLXS and PDF/A format generation LK-111: Native ThinPrint client LK-115v2: Trusted Platform Module |
| **UK-211** | 2GB Memory kit for i-Option |
| **CLEAN UNIT** | CU-101 |
| **MOUNT KIT CLEAN UNIT** | MK-745 |

## d-Color MF254/d-Color MF304/d-Color MF364 CONSUMABLES

| | |
|---|---|
| **Black Toner** | Capacity up to 28,000 pages (cover 5%) (B1166) |
| **Color Toner** | Capacity per color up to 26,000 pages (cover 5%), Cyan (B1167), Magenta (B1168), Yellow (B1169) |
| **Black Drum** | MF254: Life up to 90,000 pages (B1174); MF304/MF364: Life up to 120,000 pages (B1174) |
| **Colour Drum (One required per colour)** | MF254: Life up to 55,000 pages (B1175); MF304: Life up to 75,000 pages (B1175); MF364: Life up to 90,000 (B1175) |
| **Black Developer Unit** | Life up to 600,000 pages (B1170) |
| **Colour Developer Unit (One required per colour)** | Life up to 600,000 pages Cyan (B1171), Magenta (B1172), Yellow (B1173) |
| **Fuser Kit** | Life up to 600,000 pages (B1176) |
| **Transfer Unit Kit** | Life up to 300,000 pages (B1046) |
| **Waste Toner Box** | Capacity approx. 40,000 printouts (B1051) |