



6 Harbour Court
Belfast, BT3 9HB
t: 028 9020 7000
f: 028 9020 7001
e: info@sbmonline.co.uk

Smythe Business Machines



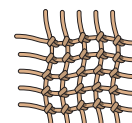
COLOUR



COMPACT



QUALITY



NETWORK



SECURITY



MOBILITY
& CLOUD



COLOUR TOUCH
DISPLAY

d-COLOR

MF223/MF283

EFFICIENCY WITHIN EASY REACH

The new **d-Color MF223 and d-Color MF283 Multifunctional Systems** are perfect for anyone looking for **quality technology** at an **affordable price**.

Reliable and **simple to use**, they satisfy the **demands of the modern office** with **excellent paper capacity** (up to **3,600 sheets** with optional trays) and **modular flexibility** for the most demanding of needs. An **individual authentication process** allows access to up to **1,000 users** with **web surfing and printing** made easy via the practical **7" touch panel**. **Airprint®** and **NFC** (Near Field Communication) are standard functions and allow **mobile devices to connect directly to all functionalities** with user authentication and printing.

A special software connector (optional) allows connection to **Google Cloud Print™** directly from the **touch panel**. Finally, the **low energy consumption levels** allow **real cost savings** with **full eco-compatibility** through the use of **recycled and recyclable materials**.



COLOUR MULTIFUNCTIONAL DIGITAL SYSTEMS

**SPEED PER MINUTE: 22 PAGES (d-Color MF223), 28 PAGES (d-Color MF283)
A4 COLOUR & MONO**

7" TOUCH PANEL WITH INTUITIVE USER INTERFACE

**NFC (NEAR FIELD COMMUNICATION) CONNECTION AREA INTEGRATED
IN OPERATOR PANEL**

**INTEGRATED WEB BROWSER, PRINTING USING AIRPRINT®
& GOOGLE CLOUD PRINT™ (option)**

PAPER CAPACITY 3,600 SHEETS MAX.

REDUCED ENERGY CONSUMPTION

**OCR SCANNING OF "SEARCHABLE PDF" OR MICROSOFT® OFFICE OPTIMISED
FILES (option)**

COMPACT DIMENSIONS

d-COLOR

MF223/MF283



New 7" Touch Panel with NFC authentication area and optional KP-101 numeric keypad



The d-Color MF283 equipped with a DF-628 Document Feeder, FS-534SD Finisher and PC-214 Trays

FUNCTIONAL AND ROBUST

The new **d-Color MF223** and **d-Color MF283** are **sophisticated** yet **simple-to-use** products. They are particularly suitable for **cost-conscious businesses** and **integrate seamlessly within** modern offices with their high levels of **reliability** and the **compatibility with the latest** technology.

ALWAYS CONNECTED

For convenient direct access, these new Multifunctional Systems are equipped with a **7" touch panel** featuring an **intuitive user interface** similar to that of a PC, tablet or smartphone.

This interface coupled with the standard **web browser** allows **surfing and printing directly from the internet** on either model. Printing is also supported by **Android devices using NFC** (Near Field Communication) technology and **iOS devices communicating via Bluetooth® LE** (optional). **Other types of connection can also be used for printing from devices: Airprint® is provided as standard** on both new models, while **Google Cloud Print™** compatibility requires the installation of a **special software connector**.

PRACTICAL AND RELIABLE

The **d-Color MF223** and **d-Color MF283** are designed to handle intense workloads. The **standard paper capacity of 1,100 sheets** is divided between a **500-sheet A4 tray**, a **500-sheet maximum capacity A3 format tray** and a **100-sheet by-pass tray for formats from A6 to A3 size**. With the **optional PC-414 2,500-sheet tray**, the paper capacity can be increased to a **maximum of 3,600 sheets**.

For even greater productivity a **DF-628 originals feeder** can be added to the **d-Color MF223** and **d-Color MF283**, for **duplex scanning**. As an alternative to the **3,000-sheet FS-534 lateral finisher**, an **FS-533 500-sheet finisher** can be integrated within these models, with connection provided by the **new RU-514 option**.

Moreover, the **FS-534SD finisher** allows **booklets of up to a maximum of 20 sheets to be produced** with centre stapling. To complete the finishing options, a **perforator option** is available for all finishers.

INSTRUMENTS TO SHARE

In an ideal working environment it should be possible to share all instruments available in the office.

The **d-Color MF223** and **d-Color MF283** provide access to up to 1,000 users.

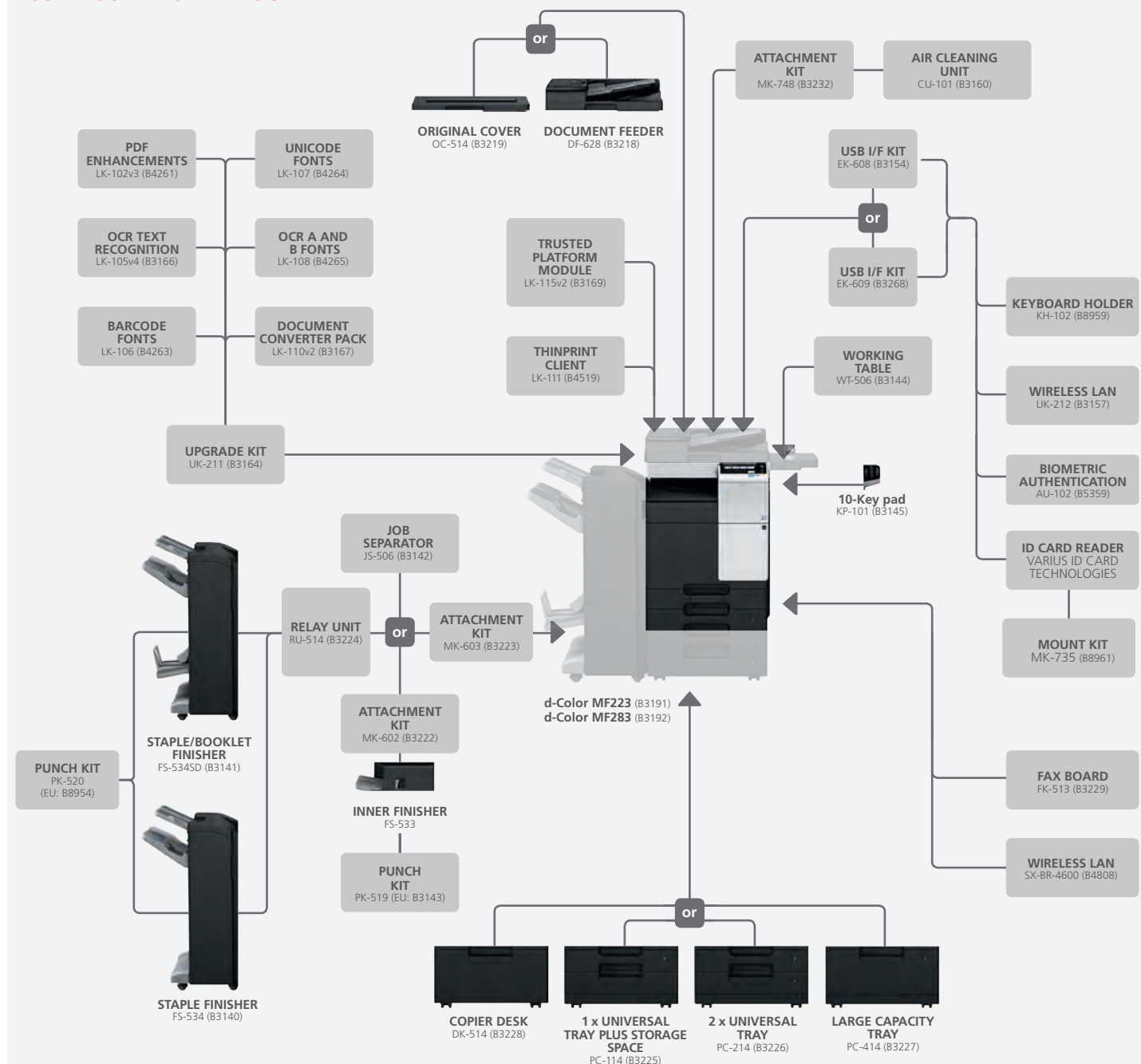
Each user has their own **personal profile** set up by the system administrator determining the functions they can use. **Individual authentication** is possible via the **Touch Panel** using one of the card readers available or the **AU-102 Biometric Reader** (Finger Vein Mapping Recognition).

These new models are also compatible with network authentication based on **Active Directory**.

LOW ENVIRONMENTAL IMPACT

Genuine savings are possible through demonstrating true respect for the environment. In fact, the new **d-Color MF223** and **d-Color MF283** have **reduced energy consumption levels** in both Sleep Mode and Operating Mode, resulting in one of the lowest TEC (Typical Electricity Consumption) parameter values, and are made of recycled and recyclable materials.

CONFIGURATION LAYOUT



TECHNICAL SPECIFICATIONS

GENERAL

| | |
|---|---|
| Type | Desktop, Printer/Scanner/Copier |
| Technology | Laser semiconductor, 4 beams |
| Integrated Duplex Unit | Paper formats A3-A5 (60-256g/m ²) |
| Copy Format: max./min. | A3/A6 |
| Max. Document Format | A3 |
| Scanning Resolution | 600 dpi |
| Copy Resolution | 1,800 dpi (equivalent) x 600 dpi |
| Grey Scale | 256 levels |
| Memory Capacity | 2 GB standard / 4 GB optional |
| Hard Disk Capacity | 250 GB |
| Warm-up Time | 20 sec. |
| Time for First Copy in Mono | 6.8 sec. |
| Time for First Copy in Colour | 8.4 sec. |
| Copying speed Mono & Colour (A4) | d-Color MF223: 22 copies per minute d-Color MF283: 28 copies per minute |
| Zoom | 25%-400% in steps of 0.1 |
| Tray 1 Paper Capacity | 500 sheets max. with 80g/m ² , format A4 |
| Tray 2 Paper Capacity | 500 sheets max. with 80g/m ² , format A3 |
| By-pass Tray Capacity | 100 sheets max. with 80g/m ² , format A3 |
| Trays 1/2 Paper Weight | 60-256 g/m ² |
| By-pass Tray Paper Weight | 60-256 g/m ² |
| Max. Paper Capacity with Optional Trays | 3,600 A4 sheets or 2,100 A3 sheets |
| Dimensions & Weight (W x D x H) | Basic unit 585 x 660 x 779 mm, 72kg With options (max.) 1,545 x 786 x 1,160 mm |
| Power Supply | 220-240V, 8.0A, (50-60Hz) |
| Power Consumption | Max. 1,500W Sleep mode d-Color MF223: 0.8W Sleep mode d-Color MF283: 0.5W |
| TEC (Total Electricity Consumption) | d-Color MF223: 0.994 kWh/week d-Color MF283: 1.337 kWh/week |

PRINTER

| | |
|-----------------------------------|---|
| CPU | ARM Coretex Dual-core 1.2GHz |
| Memory | Shared with copy function |
| Printing Speed Mono & Colour (A4) | d-Color MF223: 22 copies per minute d-Color MF283: 28 copies per minute |
| Hard Disk | Shared with copy function |
| Printing Resolution | 1,800 dpi x 600 dpi equivalent |
| PDL | PCL 6 (PCL5c + XL 3.0), PostScript 3 Emulation, XPS |
| Protocols | TCP/IP (IPv4, IPv6), IPX/SPX, SMB (NetBEUI), LPD, IPP1.1, SNMP, HTTP |
| Operating Systems | Windows Vista / 7 / 8 / 8.1, 10 (each 32/64 bit); Windows Server 2008 / 2008 R2 / 2012 / 2012 R2; Mac OS X (10.6 / 10.7 / 10.8 / 10.9 / 10.10), Linux |
| PCL Fonts | 80 outline fonts |
| PostScript 3 Fonts | 137 outline fonts |
| Interfaces | Ethernet (10-Base-T/100-Base-TX/1,000-Base-T), USB 2.0, IEEE 802.11 b/g/n (optional UK-212), Bluetooth® LE (optional EK-609) |

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, SMTP) |
| Scanning Speed (Colour & Mono, 300 dpi, A4, simplex) | Up to 45 ipm (with Document Feeder) |
| Max. Scanning Format | A3 (with Document Feeder), or 297 x 431.8 from the Platen Glass |
| Output Formats | TIFF, JPEG, PDF, Compact PDF, XPS, Compact XPS, PPTX, .XSLX, .DOCX (opt.), Searchable PDF (opt.), PDF/A (opt.), Linearised PDF (opt.) |
| Scanning Resolution | 600 x 600 dpi max. |
| Main Functions | Scan-to-E-Mail, Scan-to-Me, Scan-to-SMB, Scan-to-Home, Scan-to-FTP, Scan-to-Box, Scan-to-USB, Network TWAIN scan, Scan-to-WebDAV |

Performance refers to an appropriate use of the product under optimal conditions.
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The d-Color MF223/d-Color MF283 are distributed by Olivetti S.p.A.
(03/16) - Code: 49473-00

OLIVETTI S.P.A.
VIA JERVIS 77
10015 IVREA (TO) ITALIA
www.olivetti.com



FAX (OPTIONAL FK-513) & INTERNET FAX

| | |
|---------------------------------|--|
| Communications | Super G3 |
| Super G3 Fax Interface | Public Switched Telephone Network, PBX |
| Modem Speed | 33.6 kbps with Automatic Fall Back |
| Compression | MH / MR / MMR / JBIG |
| Max. Transmission Format | A3 max. |
| Max. Reception Format | A3 max. |
| Transmission Time per Page | Less than 3 sec. (A4, V.34, 33.6 kbps, JBIG) |
| Agenda with Abbreviated Numbers | Up to 2,000 numbers |
| i-Fax Protocol | TX: SMTP; RX: POP3, TCP/IP |
| IP-Fax Interface | Ethernet (10-Base-T/100-Base-TX/1000-Base-T) |
| Fax Internet Format | TIFF |

OTHER MAIN OPTIONS

| | |
|--------------------------|--|
| DF-628 | Automatic Duplex Document Feeder Capacity up to 100 sheets 80g/m ² Max. paper format A3 Original weights 35-128 g/m ² (simplex reading only) Original weights 50-128 g/m ² (duplex/mix mode reading) |
| OC-511 | Basic Platen Glass Cover |
| PC-114 | 1 x 500 A3/A5 sheet tray (80g/m ²), paper weight 60-256 g/m ² |
| PC-214 | 2 x 500 A3/A5 sheet tray (80g/m ²), paper weight 60-256 g/m ² |
| PC-414 | 1 x 2,500 A4 Sheet Tray (80g/m ²), paper weight 60-256 g/m ² |
| HT-509 | Heater for Paper Trays |
| MK-734 | Mount Kit for Heater HT-509 |
| DK-514 | Copy Desk (metal) |
| FS-533 | Integrated Staple Finisher up to 500 sheets capacity |
| PK-519 | 2 or 4-Hole Punch Unit for FS-533 finisher |
| FS-534 | External Staple Finisher for up to 3,000 sheets |
| FS-534SD | External Staple Finisher/Booklet & Tri-fold Up to 2,000 sheets capacity, including Tri-fold and Centre-staple function for Booklets |
| RU-514 | Mandatory Bridge Unit to connect FS-534 and FS-534SD Finishers |
| MK-602 | Mandatory for connecting Finisher FS-533 |
| MK-603 | Mandatory to connect Finishers FS-533, FS-534 & FS-534SD |
| PK-520 | 2 or 4-Hole Punch Unit for FS-534 / SD Finishers |
| JS-506 | Job Separation Tray to be used in place of Finishers for offset group/sort |
| AU-102 | Biometric Authentication Kit |
| USB Authentication Units | Card Reader CRv2 Unique 125kHz Card Reader CRv2 ASK SFK 125kHz Card Reader CRv2 Multi-reader HF 13.56MHz Mount Kit for internal Card Reader installation WLAN Connection Kit WLAN Access Point External Keyboard Holder USB Interface Kit for External Keyboard USB + Bluetooth for connecting Mobile devices 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, XLSX and PDF/A format generation LK-111: Native ThinPrint client LK-115v2: Trusted Platform Module |
| UK-211 | 2GB Memory Kit for i-Option |
| CU-101 | Cleaning filter to improve indoor air quality |
| MK-748 | Mandatory to install CU-101 |
| WT-506 | Working Table to accommodate the Authentication Kit |
| FK-513 | Fax Kit |
| SP-501 | Stamp Unit for original to be sent by Fax |

d-Color MF223/d-Color MF283 CONSUMABLES

| | |
|--|---|
| Black Toner | Capacity up to 24,000 pages (cover 5%) (B1194) |
| Colour Toner | Capacity per colour up to 21,000 pages (cover 5%) Cyan (B1195), Magenta (B1196), Yellow (B1197) |
| Black Drum | Capacity on d-Color MF223 up to 80,000 pages (B1198) Capacity on d-Color MF283 up to 105,000 pages (B1198) |
| Black Developer Unit | Life up to 600,000 pages (B1199) |
| Colour Imaging Units (One required per colour) | Capacity on d-Color MF223 up to 70,000 pages Capacity on d-Color MF283 up to 90,000 pages Cyan (B1200), Magenta (B1201), Yellow (B1202) |
| Waste Toner Box WX-105 | Capacity approx. 22,000 printouts (B1203) |
| Fuser Kit | Life up to 500,000 pages (B1204) |
| Transfer Unit Kit | Life 250,000 pages (B1205) |
| Staple cartridge SK-602 | 3 sets - 5,000 staples each |



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