olivetti

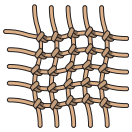
COLOUR

SPEED

MULTIFUNCTION

MODULAR

QUALITY


NETWORK

SECURITY

d-COLOR

MF452PLUS MF552PLUS

An innovative duo of easy-to-use multifunctional colour devices offering outstanding performance and care for the environment. Designed and developed to meet professional document management requirements of different job types in a modern office environment.

This product is depicted with some options attached

DIGITAL COLOUR MULTIFUNCTIONAL SYSTEMS

INNOVATIVE CONTROL PANEL WITH MULTI-TOUCH DISPLAY
REMOTE PANEL CONTROL ACCESS VIA THE WEB
SUPPORT FOR SRA3 AND BANNER PAPER FORMATS
SCAN-TO WORD, EXCEL AND POWERPOINT VIA LICENCE OPTION
PDF/A PRODUCTION WITH OCR SUPPORT VIA LICENCE OPTION
DIRECT PRINT FROM WEB AND MEMORY STICK AND MOBILE PRINTING
ERP MODE ENERGY CONSUMPTION JUST 0.2 WATT!

d-COLOR
MF452PLUS MF552PLUS

9.0" multi-touch control panel with 10-key pad (optional)

Advanced security options and authentication systems

CUTTING-EDGE PERFORMANCE WITH THE FOCUS ON SUSTAINABILITY

The d-Color MF452PLUS and d-Color MF552PLUS deliver high quality prints at 45ppm and 55ppm, respectively, whether in colour or mono. With **600 x 1,800 dpi ConTone** quality for printing DTP documents and **1,200 x 1,200 dpi** quality for printing fine line detail, maps, drawings and small fonts.

Using the advanced functionality of the new range is easy. The innovative 9-inch Capacitive Colour Multi-touch Display adopts "Flick, Drag, Zoom and Rotate" technology, similar to the operation on today's smartphones and Tablet PCs. The menu screen provides direct access to Scan, Fax (option), Box (archive), Copy and even your corporate Intranet (via the web Licence Option). In effect, this panel becomes the access point for the functions of the machine guiding the user in the **generation, sharing and archiving of the company's document flow**. The menu can be customised to make processes more automatic; short cuts to functions can be created using a selected key or actions can be condensed into a single keystroke by saving macros.

Special care has also been devoted to the MFPs' environmental footprint and energy consumption, to offer users significant cost savings and ensure eco-sustainability. In compliance with directives of the new Energy Star 2.0 standard, the new series lowers energy consumption to just 0.2 Watt in ErP Power-off Mode and less than 1 Watt in Sleep Mode!

REMOTE PANEL CONTROL ACCESS VIA THE WEB

Remote Panel facilitates remote access to the Colour Multi-touch Display by the administrator via a Web Browser. This capability brings new levels of client support where the user can be assisted remotely in how to use features of the machine. Remote Panel also allows the administrator to change the administrative settings of the machine remotely. In addition, to help maximise machine up-time, it is also possible for Authorised Service Providers (requires your access permission) to provide service support for certain aspects of the MFP remotely.

Direct printing and scanning with USB for direct management of Microsoft Office formats

DIRECT PRINT AND MOBILE PRINTING

For direct printing, the new "d-Color A3 Range" support PDF; XPS; TIFF, JPEG and OOXML file formats, so it is possible to print directly via a Web Browser Utility without using a Print Driver, or print directly via a Memory Stick. In addition, mobile devices such as smartphones and tablets can print directly to these models via a Mobile Printing App (Wi-Fi network connection environment and Wi-Fi Router required / Bluetooth MFP option also available for Mobile Phone users).

VERSATILE COMMUNICATIONS PLATFORM

The new "d-Color A3 Range" offers high-speed scanning of up to 80 ipm (images per minute) with the optional DF-624 Document Feeder installed, and up to **160 ipm** when using the DF-701 Dual-scan Document Feeder, which is standard with the d-Color MF452^{PLUS} and d-Color MF552^{PLUS}. When combined with the **Scan Preview** function, the scanned job can be checked as thumbnails on the Colour Multi-touch Display post scanning, you can then delete pages, rotate pages and change basic settings before the scanned job is sent. The following Scan-to functions are available: Email (Me); SMB (folder on your PC); FTP (server); Box (archive folder) and direct to USB Memory Stick. You can save in the following file formats: JPEG; TIFF; PDF; Compact PDF; Encrypted PDF; PPTX (PowerPoint); XPS and Compact XPS.

The standard controller can also be upgraded to support advanced PDF scanning options including a PDF/A (1a and 1b) format that meets with legal archiving requirements and Scan-to Searchable PDF (OCR). With the latest Licence Option LK-110 installed, you can now create **Office Open XML (OOXML) files in Word docx, Excel xlsx and PowerPoint pptx**. Other options include Barcode font printing, Unicode print support (for SAP printing applications).

EXCELLENT MEDIA CAPABILITY

Banner paper up to 1.2 meters in length can be fed via the bypass, providing you with the in-house flexibility of producing impactful local signage and posters.

Both models support up to 256 g/m^2 from any paper tray and via the Automatic Duplex too. Paper Tray 2 can also support up to 500 sheets of SRA3 paper (320 mm x 450 mm) which is both wider and longer than standard A3 paper, this means it is possible to print a full A3 image with no image loss, ideal for proofing.

EXCELLENT FINISHING

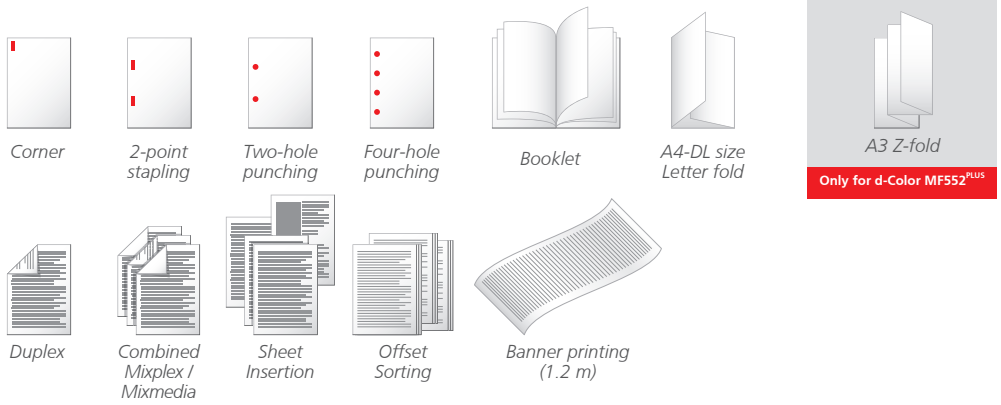
When you add the optional on-line finishing capabilities, it is easy to create 20 pages (80 images) booklets with an automatic crease-fold and saddle-stitch, with a front cover of up to 209 g/m^2, providing professional looking B2B documents for your clients. Other optional finishing functions include Tri-fold of an A4 page into DL size ready for posting and 2 or 4 hole-punching.

IMPRESSIVE ECO PERFORMANCE

Impressive energy-saving and Eco- friendly features:

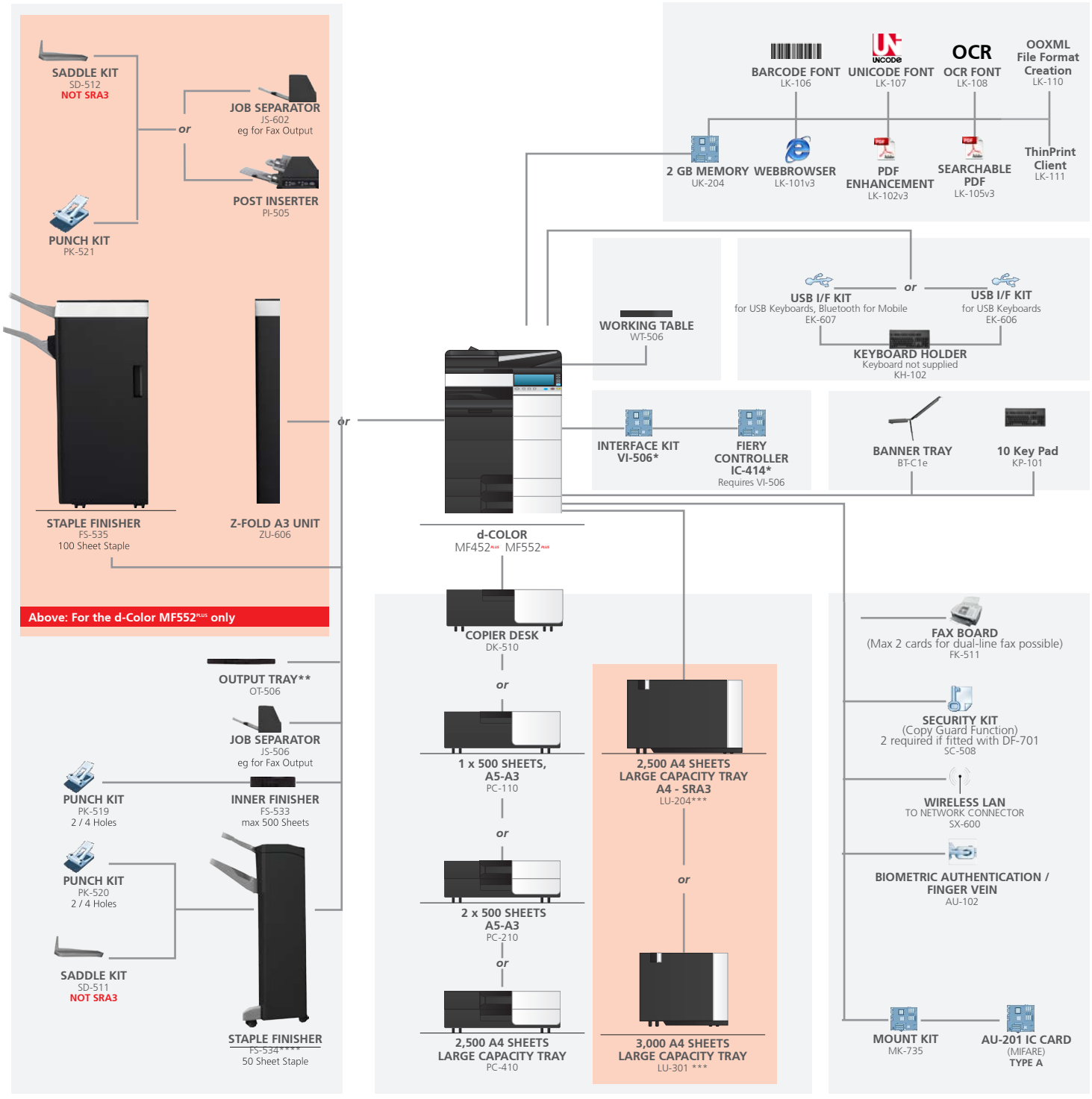
- 1 Watt Sleep / 0.2 Watt ErP Power Save Mode
- Low Typical Energy Consumption (TEC) value far below the limits set by Energy Star
- Blue Angel Award
- Dynamic Eco-Timer analyses machine usage and regulates Sleep timings automatically
- Super-fast warm-up time maximising productivity
- Polymerised Toner lowering Fusing temperature

FINISHER OPTIONS



This image is a representation of banner printing using the optional BT-C1e

OPTIONS



** *Required for the d-Color MF452PLUS / d-Color MF552PLUS when no finisher is attached*
*** *Not compatible when DK-510 Copier Desk is installed*

Toner replacement "on the fly"

d-Color MF452PLUS **Shown with options including Large Capacity Tray**

d-Color MF552PLUS **Shown with options including Banner Tray**

TECHNICAL FEATURES

COPIER	d-Color MF452PLUS	d-Color MF552PLUS
A4 Copy/Print Speed ppm (mono & colour; single & duplex)	45	55
A3 Copy/Print Speed ppm (mono & colour; single & duplex)	23	27
Output Time in Seconds 1st Copy/Print (mono)	4.6	4.1
Output Time in Seconds 1st Copy/Print (colour)	5.5	4.6
Printing Process	Electrostatic Laser Copy, Tandem Indirect	
Toner Type	Polymer Toner	
Warm up Time in seconds	Approx 25	Approx 22
Copy Resolution	600 x 600 dpi	
Gradations	256 gradations	
Original Format	A5-A3	
Enlargement	25-400% in 0.1% Increments; Automatic Zoom	
Copy Functions	Chapter, Cover and Page Insertion, Proof Copy (Print and Display), Digital Creative Functions, Job Memory (30), Image Repeat, Overlay (UK-204 required), Watermark, Stamp, Copy Protection, Department Control (1,000)	

USER BOX SPECIFICATION	
Max. Box Memory	Up to 3,000 Documents or 10,000 Pages
Types of Box System	Public, Private (with password or authentication); Group (with authentication); Secure Printing, Encrypted PDF Printing; Fax Receipt, Fax Polling
Box Functions	Re-print, Combination, Download, Send (e-mail, FTP, SMB and Fax), Box-to-Box Copy

SYSTEM SPECIFICATIONS		
Paper-in Capacity	Standard: 1,150 Max: 6,650	Standard: 1,150 Max: 6,650
Paper-out Capacity	Up to 3,000 Sheets with Finisher and up to 250 Sheets without Finisher	
System Dimensions (WxDxH)	615 x 685 x 921 mm inc DF-701	615 x 685 x 921 mm inc DF-701
Weight	Approx 101 kg	Approx 101 kg
Automatic Duplex	A5-SRA3; 52-256 g/m²	
System Memory/Hard Disk	2GB Standard; 4GB max (for intelligent options, such as LK-105 searchable PDF, and for Copy Overlay) / 250 GB	
Interface	10-Base-T/100-Base-T/1,000-Base-T Ethernet / USB 2.0 / USB Host	
Network Protocols	TCP/IP (IPv4 / IPv6); IPX/SPX; NetBEUI; AppleTalk (EtherTalk); SMB; LPD; IPP; SNMP; HTTP	
Standard Document Feeder	Dual-scan ADF:160 ipm colour/mono (100 originals)	
Paper Format	A6-SRA3, Customised paper format; Banner paper max 1,200 x 297 mm	
Paper Weight	60-300 g/m² via Bypass / 52 - 256 g/m² via Paper Trays	
Power Consumption	220-240V / 50 / 60 Hz Max 1.5kW (System); 1W - Sleep Mode; 0.2W ErP Mode	

PRINTER	
Printable Area (Max)	307 mm x 443 mm
Print Resolution	1,800 x 600 dpi / 1,200 x 1,200 dpi (***for line-drawings & maps)***
CPU	800MHz on all models
Page Description Language	PCL 6c (PCL 5c + XL3.0), PostScript 3 (CPSI 3016), XPS
Operating Systems	Windows XP 32/64, Windows VISTA 32/64, Windows 7 32/64, Windows 8, Server 2003/2008 32/64, 2008 R2/2012 64 Macintosh OSX / 10.x Unix / Linux /Citrix
Printing Fonts	80 x PCL Latin; 137 x PostScript 3, Emulation Latin
Printing Functions	Direct printing OOXML (DOCX, XLSX, PPTX), TIFF, XPS, PDF and encrypted PDF files, Mixmedia, Mixplex, "Easy Set" Job Planning, Overlay, Watermark

SCANNER	
Scan Speed (mono & colour)	Up to 160 ipm (with DF-701) / Up to 80 ipm (with DF-624)
Scanning Resolution	Max.: 600 x 600 dpi
Scanning Modes	Network TWAIN Scan; Scan-to-eMail (Scan-to-Me); Scan-to-FTP; Scan-to-SMB (Scan-to-Home); Scan-to-Box; Scan-to-WebDAV; Scan-to-DPWS; Scan-to-USB
File Formats	JPEG; TIFF; PDF; PDF/A 1a and 1b (optional); Compact PDF ; Encrypted PDF; Searchable PDF (optional); XPS; Compact XPS; PPTX and Searchable PPTX (optional); Searchable DOCX/XLSX (optional)
Scan Destinations	2,100 (single + group), LDAP support

FAX	
Fax	Super G3 (optional)
Fax Transmission	Analogue; i-Fax; Colour i-Fax (RFC3949-C); IP-Fax
Fax Resolution	Max.: 600 x 600 (ultra-fine)
Fax Compression	MH; MR; MMR; JBIG
Modem	Up to 33.6 Kbps
Destinations	2,100 (single + group)
Functions	Polling; Delayed Transmission; PC-Fax; Reception in Private Boxes; Reception via email/FTP/SMB; up to 400 job programmes

Product performances are referred to as appropriate use under optimal conditions. The registered trademarks are the property of their respective owners.

The support and availability of the listed specifications and functionalities varies depending upon operating systems, applications, network protocols as well as network and system configurations. All information relating to specification and accessories is subject to change without notice. Olivetti does not guarantee that any prices or specifications mentioned will be error-free.

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