

olivetti



# d-COLOR MF451 • MF551 • MF651

MULTI-FUNCTION COLOUR DIGITAL SYSTEMS

COLOUR



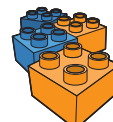
MULTI-FUNCTION



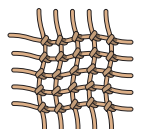
SPEED



MODULAR



NETWORK



# d-COLOR MF451·MF551·MF651

MULTI-FUNCTION COLOUR DIGITAL SYSTEMS



## CONDENSED EFFICIENCY AND SECURITY

Latest-generation colour multi-function devices for medium and large organisations looking for excellent performance.

### MAIN CHARACTERISTICS

1 GHz PROCESSOR	PAPER WEIGHTS UP TO 300 g/m <sup>2</sup>
2 GB MEMORY	SCANNING SPEED 78 opm
250 GB HARD DISK	WARM-UP IN JUST 45 SECONDS
PAPER CAPACITY UP TO 6,650 SHEETS	INTELLIGENT COMMUNICATION AND APPLICATION SOFTWARE OPTIONS

#### MULTI-FUNCTION CAPABILITIES

The d-Color MF 451, MF551 and MF651 are highly advanced modular multi-function systems. They **feature state-of-the-art print functions** for automatic processing of professional documents in colour and B/W; all three systems offer high productivity and cost-effectiveness and are always available for print and copy jobs. The high-speed **scanner module** (78 opm) optimises information distribution and sharing. Functions include scan-to- eMail, FTP, SMB and to user boxes, as well as the very latest scan-to-USB/mobile box function. In addition to Internet Fax and IP (intranet) capabilities, the models **provide a full range of digital**, analogue and colour fax functions and a variety of security options to ensure full confidentiality for fax transmissions.

#### PRINT CONTROLLER

The products print controller guarantees full **compatibility with any operating system**, supports PDF 1.7 and, with the latest PostScript enhancements, provides auto-trapping and black overprint. The introduction of a customisable tab makes use of the print controller even easier. With **MyTab** each user can set the options they need most frequently for selection from a single screen.

#### REPRODUCTION QUALITY

The polymerised toner composed of minute uniform particles ensures **excellent printing quality**, for B/W and colour jobs alike. Printed documents offer sharp text and lines, bright, high-fidelity colours and long-term stability.



CONTROL PANEL 8.5" swivel and tilt



IC-CARD RECOGNITION



BIOMETRIC AUTHENTICATION

### ADVANCED FUNCTIONS

The unique user box feature optimises the **efficiency of information storage** and management functions on the system hard disk.

The system architecture also **simplifies sharing** of scanned, printed, copied or faxed documents.

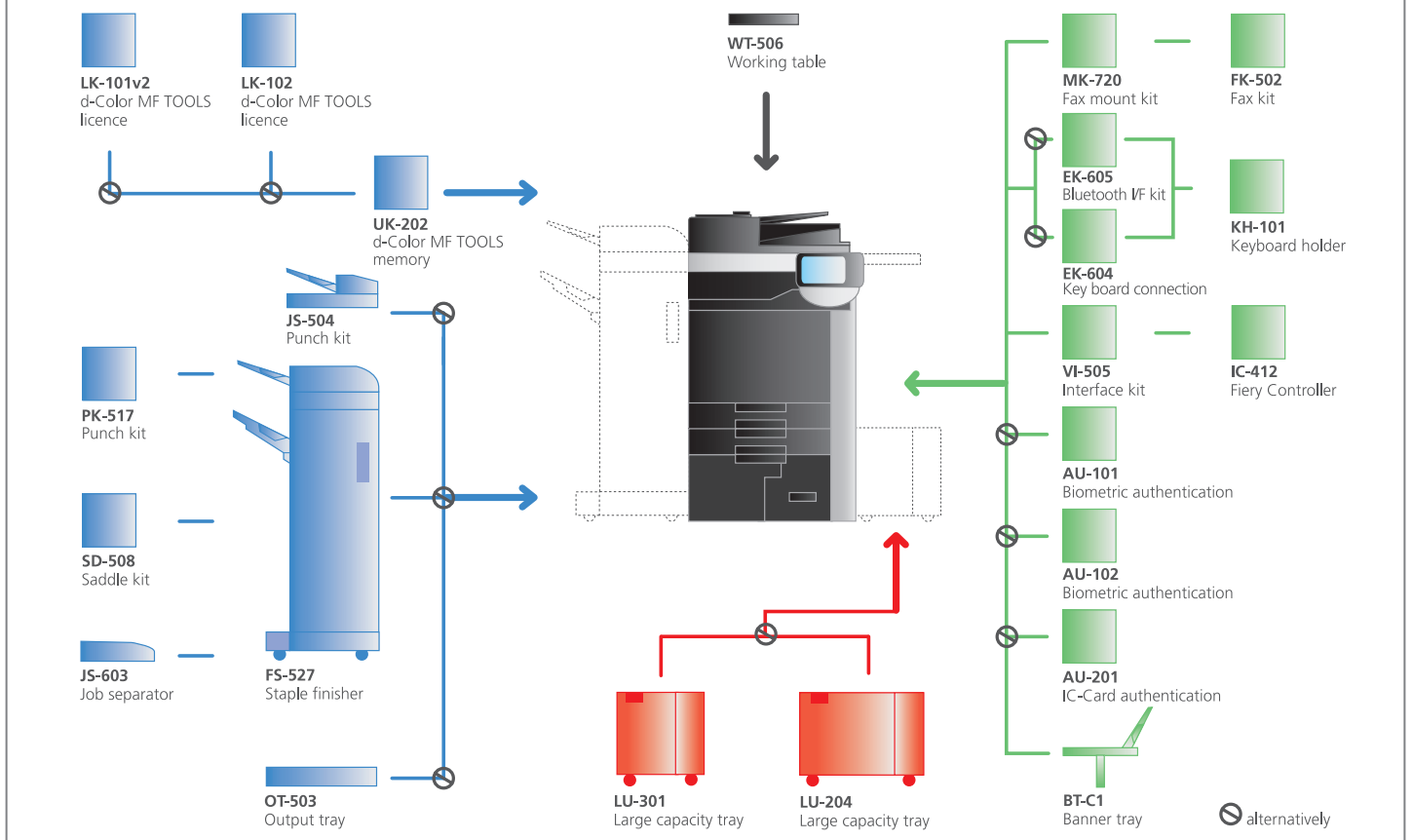
Up to 1,000 user boxes can be created with predefined access rights for public or private groups or individuals.

### SECURITY

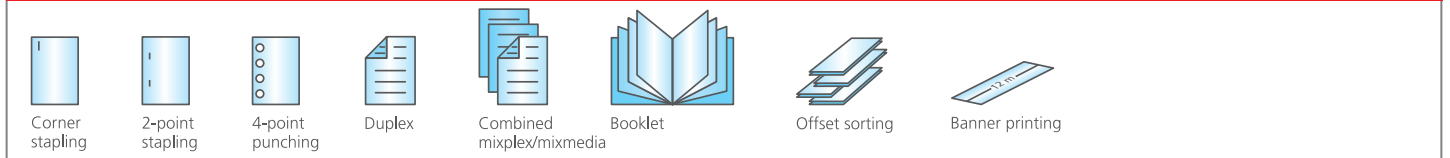
In addition to standard functions such as confidential printing based on passwords, the new systems incorporate special security solutions to guarantee **data protection and confidentiality**.

Authorised users are authenticated with an ergonomic system for biometric recognition of finger vein patterns or, alternatively, IC-Card recognition (magnetic badge).

## OPTIONS (MF451)



## FINISHING



# GENERAL SPECIFICATIONS

GENERAL	<b>Type</b>	Console	<b>Greyscale</b>	256 levels	
	<b>Technology</b>	Electrophotographic laser tandem, indirect	<b>Warm-Up time</b>	< 45 sec. (from main power) < 30 sec. (from main power)	
	<b>CPU controller</b>	MC7448 1GHz			
	<b>Memory capacity</b>	Standard 2 GB, max. 3 GB			
	<b>HDD</b>	250 GB	<b>Power requirements</b>	AC220-240V 10A(50Hz)	
	<b>Interfaces</b>	Ethernet 10Base-T/100Base-TX/1000Base-T, USB (high speed)	<b>Power consumption</b>	MF451/MF551: 2.0 kW or less MF651: 2.1 kW or less	
	<b>First copy/print time (A4 format)</b>	MF451: 6.0 sec. colour and 4.8 sec. B&W MF551: 6.0 sec. colour and 4.3 sec. B&W MF651: 5.5 sec. colour and 3.8 sec. B&W	<b>Paper capacity (80 g/m<sup>2</sup> paper)</b>	Tray 1: 500 sheets Tray 2: 500 sheets Tray 3: 1,500 sheets Tray 4: 1,000 sheets Multiple Bypass Tray: 150 sheets	
	<b>Copy/print speed (A4 format)</b>	MF451: 45 ppm colour and B&W MF551: 45 ppm colour and 55 ppm B&W MF651: 50 ppm colour and 65 ppm B&W			
	<b>Max. Original size</b>	A3 (11" x 17")			
<b>Output size</b>	A3 Wide, A3 to A5, B6 Lengthwise, A6 Lengthwise Thick Paper, Long Length Paper (210 x 457.3 mm - 297 x 1,200 mm)	<b>Auto Duplex</b>	Paper Size: Width 100-311 mm (4"-12-1/4"), Length 148-457 mm (5-3/4"-18") Paper Weight: 64-256 g/m <sup>2</sup>		
<b>Paper weight</b>	Tray 1-4: 64-256 g/m <sup>2</sup>	<b>Dimensions (WxDxH)</b>	650 x 879 x 1,155 mm (25-1/2" x 34-3/4" x 45-1/2")		
	Multiple Bypass Tray: 64-300 g/m <sup>2</sup>		<b>Weight</b>	Approx. 221 kg (487-1/4lb)	
COPIER	<b>Resolution</b>	600 x 600 dpi	<b>Zoom</b>	3 types 25-400% (in 0.1% increments)	
	<b>Multicopy</b>	1-9,999 sheets			
PRINTER	<b>Type</b>	Embedded	<b>Operating Systems</b>	Windows NT4.0 SP6/2000, SP3/XP/XP64bit/Vista/Vista64bit/Server2003/Server2003 64bit/Server2008/Server2008 64bit/Mac OS 9.2(PPD)/X 10.2,3,4,5/10.4,5 Intel, Linux	
	<b>Resolution</b>	1,800 dpi equiv. x 600 dpi			
	<b>PDL</b>	PCL6, PostScript 3 Emulation			
	<b>Protocol</b>	TCP/IP, IPX/SPX (NDS support), SMB (Net BEUI), LPD, IPP1.1, SNMP, HTTP	<b>Fonts</b>	PCL: 80 European PS: 137 European Type1	
SCANNER	<b>Type</b>	Full-Colour Scanner	<b>Interface</b>	Ethernet 10BASE-T/100BASE-TX/1000BASE-T	
	<b>Speed (A4 format)</b>	B&W/Colour: 78/78 opm (300 dpi) 65/55 opm (600 dpi)	<b>Driver</b>	TWAIN Driver (2000/XP/XP64bit)	
	<b>Resolution</b>	200, 300, 400, 600 dpi	<b>Protocol</b>	TCP/IP (FTP, SMB, SMTP)	
	<b>Output format</b>	Single TIFF, Multi TIFF, JPEG, PDF, Compact PDF, XPS, Compact XPS	<b>Scanning size</b>	Max. A3 (11" x 17")	
INTERNET FAX	<b>Protocol</b>	SMTP/POP3, TCP/IP	<b>Interface</b>	Ethernet 10BASE-T/100BASE-TX/1000BASE-T	
	<b>Connection mode</b>	Full-Mode	<b>Colour</b>	Support Colour Internet Fax	
	<b>Sending paper size</b>	Max. A3 (Long Length Support: Max.1,000 mm)	<b>Format</b>	Send: TIFF-S, Receive: TIFF-F Colour/Greyscale: TIFF (RFC3949 Profile-C)	
	<b>Recording paper size</b>	Max. A3			
	<b>Resolution</b>	400 x 400 dpi, 600 x 600 dpi Colour/Greyscale: 200 x 200 dpi, 400 x 400 dpi, 600 x 600 dpi			
FAX KIT FK-502 (OPTIONAL)	<b>Communication</b>	Super G3	<b>Transmission speed</b>	Less than 3 sec. (A4, V.34, 33.6kbps, JBIG)	
	<b>Modem Speed</b>	2.4kbps-33.6kbps	<b>Scanning speed (A4 format)</b>	Detailed mode: 1.0 sec.	
	<b>Compression</b>	MH/MR/MMR/JBIG			
	<b>Sending paper size/ Recording paper size</b>	Max. A3 (Long Length Support: Max.1,000 mm)	<b>Memory</b>	Shared with the copier	
FIERY IMAGE CONTROLLER IC-412 (OPTIONAL)	<b>Type</b>	Embedded	<b>Protocols</b>	Ethernet (Apple Talk, TCP/IP), HTTP/HTTPS, SSL/TLS for HTTPS, SNMP, SMB, Port9100 (Bi-Directional), IPP, LDAP, IPV6 Phasell, SNMP v3	
	<b>CPU</b>	Intel Celeron M440 1.86 GHz (FSB 533 MHz)			
	<b>Memory</b>	512 MB (Standard)			
	<b>HDD</b>	80 GB	<b>Operating Systems</b>	Windows 2000/XP/XP 64bit/Server2003/Server2003 64bit, Vista/Vista64bit/Server2008 (utility only)/Server2008 64bit (utility only) Mac OS X 10.3.9, 10.4 or later, UNIX, Linux	
	<b>Print Resolution</b>	1,800 x 600 dpi			
	<b>PDL</b>	Adobe PostScript 3 (PDF v1.7), PCL6			
	<b>Fonts</b>	136 European			
	<b>Interface</b>	Ethernet 10BASE-T/100BASE-TX/1000BASE-T			

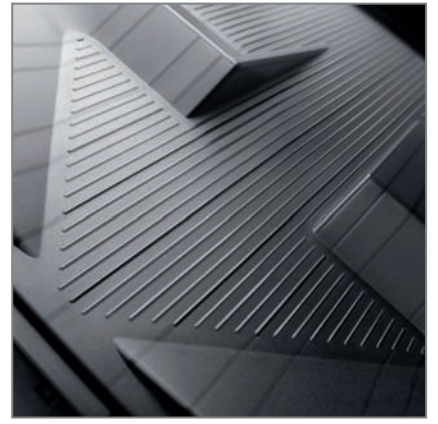
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**LARGE-CAPACITY PAPER TRAY**  
1,000 cut sheets (A3)



**BOOKLET FINISHING**



**DESIGN**, paper tray detail

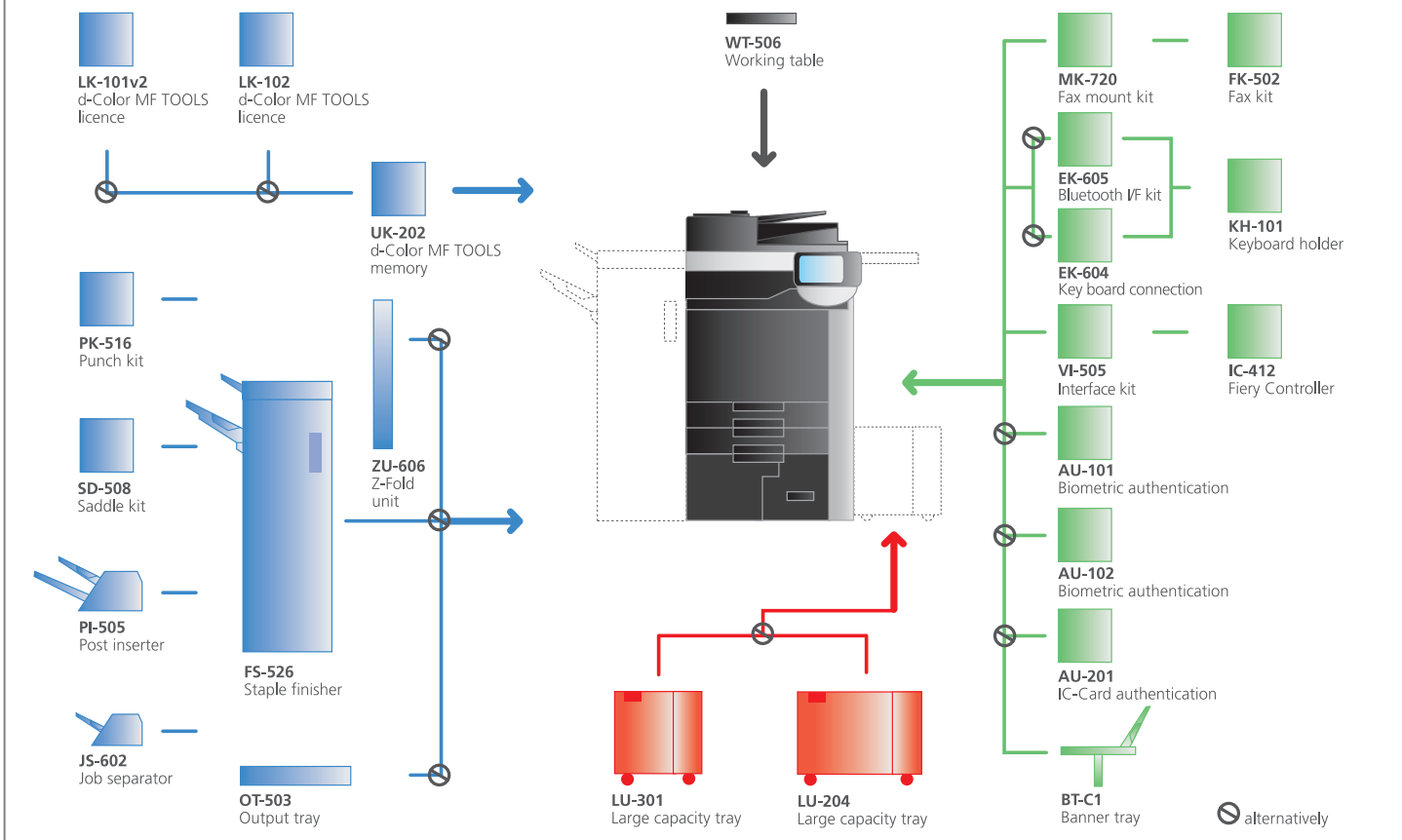
**PRODUCTIVITY**

Each system manages the entire **production** process for a **wide range of office documents** delivering superior professional quality. The new colour systems are equipped with **paper trays** to store up to 6,650 cut sheets and handle paper formats from A6 to A3+, as well as 1.2 m banners and weights up to 300 g/m<sup>2</sup>. In addition to unlimited booklet output, **finishing options** are available for envelope folding, automatic stapling of up to 100 pages, 2- or 4-hole punching, insertion of covers with weights up to 200 g/m<sup>2</sup> and a booklet function.

**ECO-SUSTAINABILITY**

The new multi-function systems from Olivetti combine productivity, quality and **environmental sustainability**. The devices are the lowest energy consumers in their product class. Compatibly with leading European protocols, this feature is assured by a polymer toner with a low fixing temperature that keeps heating time down to just 45 seconds, simultaneously guaranteeing outstanding colour quality in terms of fidelity, brightness, definition and chromatic stability.

**OPTIONS (MF551 - MF651)**



**FINISHING**





The series of communication tools and management applications for the range of A3 colour products markedly enhance their functions by simplifying user operations.

#### **d-COLOR MF ENTERPRISE SUITE**

It is a **powerful suite of four independent applications**, that allows both the access to user information and the control and management of all compatible peripherals from a central platform.

The core element is a web-enabled **centralised database** with a simple, highly intuitive interface.

#### **d-COLOR MF TOOLS**

Direct Internet and intranet access via a **web browser** is activated from the system control panel, enabling the user to browse the net and print web pages without a PC. For secure communication, **PDF files are processed and protected through owner settings, digital cryptography and digital signature.**

The addition of metadata ensures rapid retrieval of filed documents.

## **EXTENDED FUNCTIONALITIES TO IMPROVE BUSINESS ACTIVITIES**

