



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 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



GENERAL SPECIFICATIONS

GENERAL	Type	Console	Greyscale	256 levels
	Technology	Electrophotographic laser tandem, indirect	Warm-Up time	< 45 sec. (from main power) < 30 sec. (from main power)
	CPU controller	MC7448 1GHz	Power requirements	AC220-240V 10A(50Hz)
	Memory capacity	Standard 2 GB, max. 3 GB	Power consumption	d-Color MF451/d-Color MF551: 2.0 kW or less d-Color MF651: 2.1 kW or less
	HDD	250 GB	Paper capacity (80 g/m ² paper)	Tray 1: 500 sheets Tray 2: 500 sheets Tray 3: 1,500 sheets Tray 4: 1,000 sheets Multiple Bypass Tray: 150 sheets
	Interfaces	Ethernet 10Base-T/100Base-TX/1000Base-T, USB (high speed)		Auto Duplex
	First copy/print time (A4 format)	d-Color MF451: 6.0 sec. colour and 4.8 sec. mono d-Color MF551: 6.0 sec. colour and 4.3 sec. mono d-Color MF651: 5.5 sec. colour and 3.8 sec. mono	Output size	A3 Wide, A3 to A5, B6 Lengthwise, A6 Lengthwise Thick Paper, Long Length Paper (210 x 457.3 mm - 297 x 1,200 mm)
Copy/print speed (A4 format)	d-Color MF451: 45 ppm colour and mono d-Color MF551: 45 ppm colour and 55 ppm mono d-Color MF651: 50 ppm colour and 65 ppm mono	Paper weight	Tray 1-4: 64-256 g/m ² Multiple Bypass Tray: 64-300 g/m ²	
Max. Original size	A3 (11" x 17")	Dimensions (WxDxH)	650 x 879 x 1,155 mm (25-1/2" x 34-3/4" x 45-1/2")	
Resolution	600 x 600 dpi	Weight	Approx. 221 kg (487-1/4lb)	
COPIER	Multicopy	1-9,999 sheets	Zoom	3 types 25-400% (in 0.1% increments)
	Type	Embedded	Operating Systems	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
PRINTER	Resolution	1,800 dpi equiv. x 600 dpi	Fonts	PCL: 80 European PS: 137 European Type1
	PDL	PCL6, PostScript 3 Emulation		
	Protocol	TCP/IP, IPX/SPX (NDS support), SMB (Net BEUI), LPD, IPP1.1, SNMP, HTTP		
SCANNER	Type	Full-Colour Scanner	Interface	Ethernet 10BASE-T/100BASE-TX/1000BASE-T
	Speed (A4 format)	Mono/Colour: 78/78 opm (300 dpi) 65/55 opm (600 dpi)	Driver	TWAIN Driver (2000/XP/XP64bit)
	Resolution	200, 300, 400, 600 dpi	Protocol	TCP/IP (FTP, SMB, SMTP)
	Output format	Single TIFF, Multi TIFF, JPEG, PDF, Compact PDF, XPS, Compact XPS	Scanning size	Max. A3 (11" x 17")
INTERNET FAX	Protocol	SMTP/POP3, TCP/IP	Interface	Ethernet 10BASE-T/100BASE-TX/1000BASE-T
	Connection mode	Full-Mode	Colour	Support Colour Internet Fax
	Sending paper size	Max. A3 (Long Length Support: Max.1,000 mm)	Format	Send: TIFF-S, Receive: TIFF-F Colour/Greyscale: TIFF (RFC3949 Profile-C)
	Recording paper size	Max. A3		
Resolution	400 x 400 dpi, 600 x 600 dpi Colour/Greyscale: 200 x 200 dpi, 400 x 400 dpi, 600 x 600 dpi			
FAX KIT (K-502 (OPTIONAL))	Communication	Super G3	Transmission speed	Less than 3 sec. (A4, V.34, 33.6kbps, JBIG)
	Modem Speed	2.4kbps-33.6kbps	Scanning speed (A4 format)	Detailed mode: 1.0 sec.
	Compression	MH/MR/MMR/JBIG	Memory	Shared with the copier
	Sending paper size/Recording paper size	Max. A3 (Long Length Support: Max.1,000 mm)		
FLEXY IMAGE CONTROLLER (IC-412 (OPTIONAL))	Type	Embedded	Protocols	Ethernet (Apple Talk, TCP/IP), HTTP/HTTPS, SSL/TLS for HTTPS, SNMP, SMB, Port9100 (Bi-Directional), IPP, LDAP, IPv6 Phasell, SNMP v3
	CPU	Intel Celeron M440 1.86 GHz (FSB 533 MHz)		
	Memory	512 MB (Standard)	Operating Systems	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
	HDD	80 GB		
	Print Resolution	1,800 x 600 dpi		
	PDL	Adobe PostScript 3 (PDF v1.7), PCL6		
	Fonts	136 European		
Interface	Ethernet 10BASE-T/100BASE-TX/1000BASE-T			

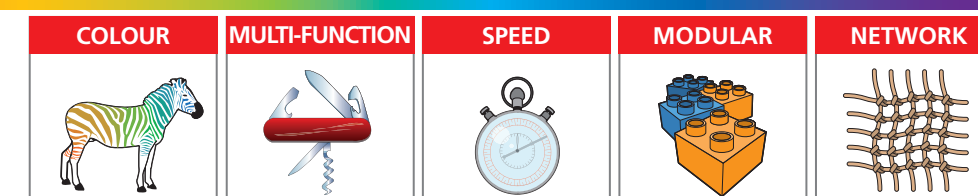
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OLIVETTI UK LIMITED
500 AVEBURY BOULEVARD
MILTON KEYNES MK9 2BE
www.olivetti.co.uk



d-COLOR MF451 • MF551 • MF651

MULTI-FUNCTIONAL COLOUR DIGITAL SYSTEMS



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MULTI-FUNCTIONAL COLOUR DIGITAL SYSTEMS



CONDENSED EFFICIENCY AND SECURITY

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



CONTROL PANEL 8.5" swivel and tilt



IC-CARD RECOGNITION



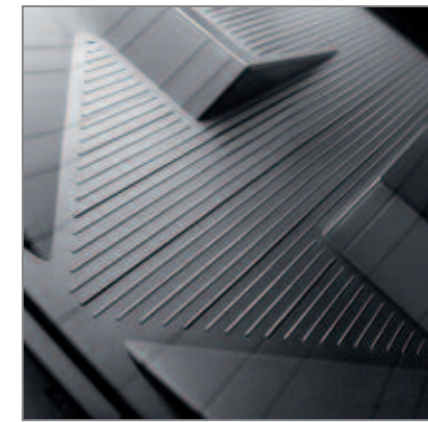
BIOMETRIC AUTHENTICATION



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



BOOKLET FINISHING



STYLISH DESIGN, paper tray detail

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 pre-defined 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 the biometric recognition of finger vein patterns or, alternatively, IC-Card recognition (magnetic badge).

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/m².

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/m² and a booklet function.

ECO-SUSTAINABILITY

The new multi-functional systems from Olivetti combine productivity, quality and **environmental sustainability**. The devices are the lowest energy consumers in their product class.

Compatible with leading European protocols, this feature is assured by a polymerised 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.

MAIN CHARACTERISTICS

1 GHz PROCESSOR	PAPER WEIGHTS UP TO 300 g/m ²
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 MF451, d-Color MF551 and d-Color MF651 are highly advanced modular multi-functional systems. They **feature state-of-the-art print functions** for automatic processing of professional documents in colour and mono; 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 virtually 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.

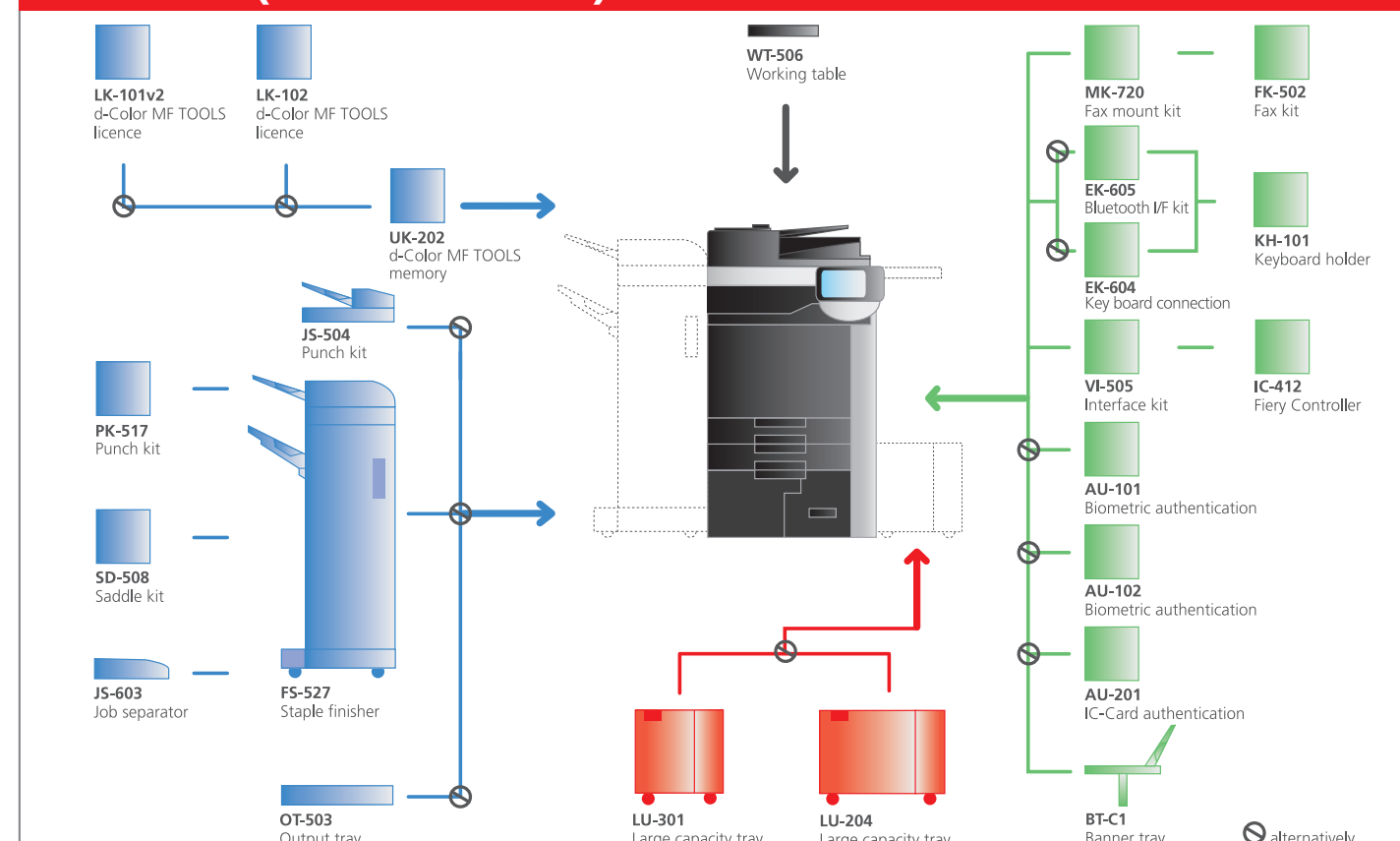
With **MyTab** each user can set the options they need most frequently for selection, from a single screen.

REPRODUCTION QUALITY

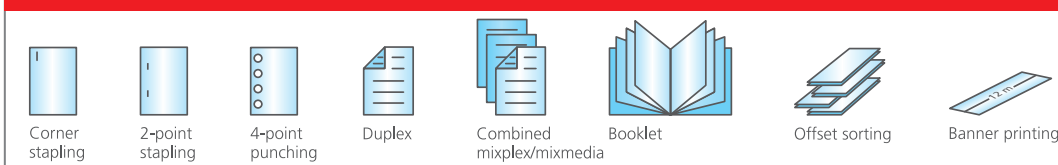
The polymerised toner composed of minute uniform particles ensures excellent printing quality, for mono and colour jobs alike.

Printed documents offer sharp text and lines, bright, high-fidelity colours and long-term stability.

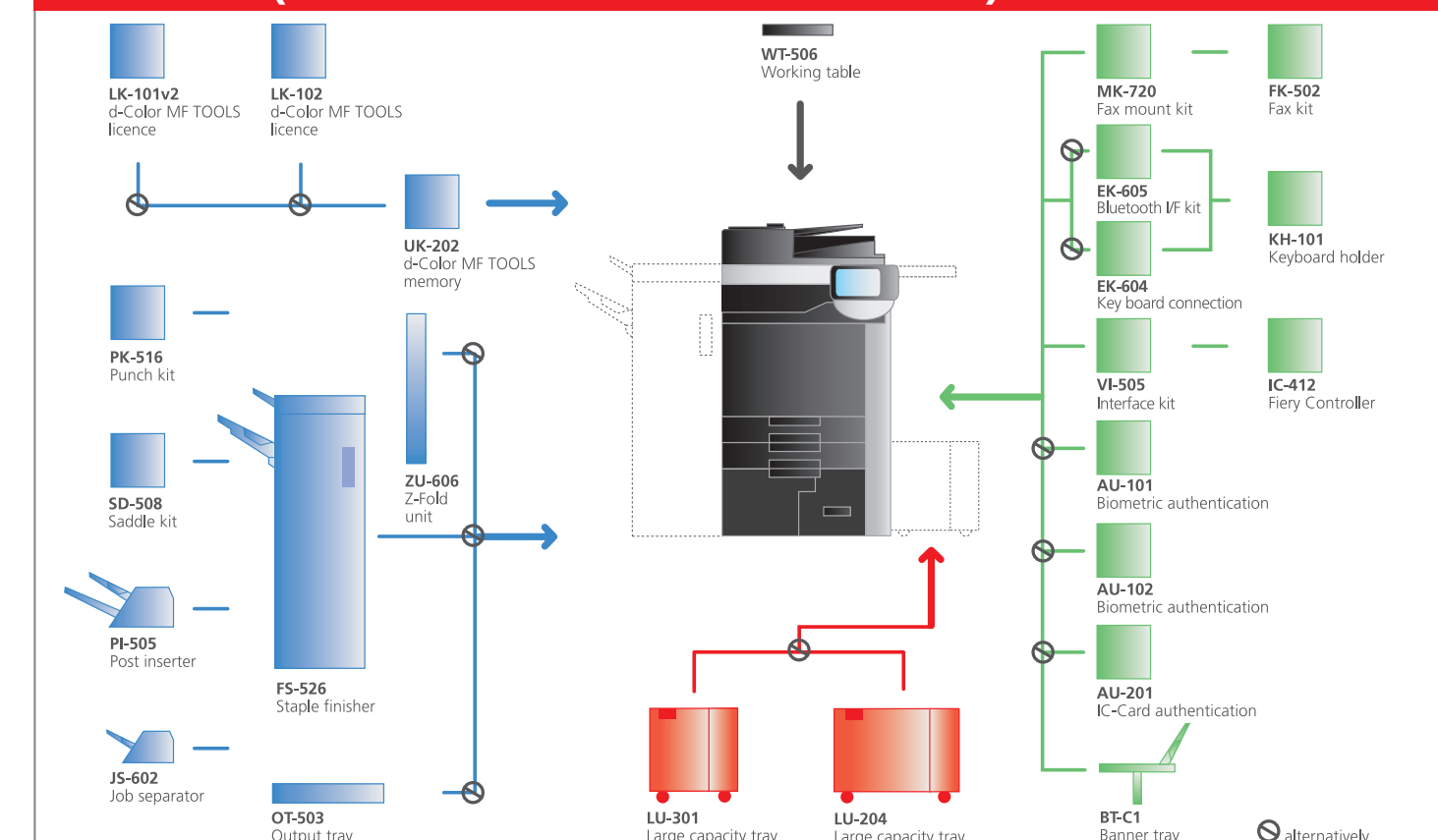
OPTIONS (d-Color MF451)



FINISHING



OPTIONS (d-Color MF551 – d-Color MF651)



FINISHING

