

d-Color

MF259en, MF309en, MF369en SOLUTIONS FOR AN EFFICIENT AND INNOVATIVE OFFICE

In recent years, workplaces have undergone major transformations which have profoundly altered work habits and procedures.

The need to implement environmentally sustainable practices, to respect and protect sensitive data, and to prevent cyber attacks has led companies to focus on the protection of health in the workplace, on environmental sustainability and on communication security, without compromising the efficiency, quality and pace of their work.

The MF259en, MF309en, and MF369en models of multifunction, A3 d-Color printers represent the latest step in a highly innovative project; in fact, their combination of technological innovation, ease of use and advanced security is perfectly suited to the needs of modern work environments.

These devices are the ideal solution for companies that need a multifunction printer which is simple to use, reliable and secure with a low environmental impact.



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*WT-506 working table for
FS-P04 off-line corner stapler*



*Configuration with DF-714 single-pass document feeder,
PC-417 paper tray, LU-302 side tray and FS-539SD finisher*

USER INTERFACE

The user interface has been upgraded to offer an even more intuitive experience. Applications can now be organised into folders based on subject or frequency of use through a simple Drag & Drop function, just like on mobile devices. This update facilitates rapid access to the many applications which are available.

Moreover, many of the most frequently used options, like the removal of shadows from documents, secure printing and booklet formation, have been added to the operation panel as part of the “Useful apps” folder.

TECHNOLOGICAL SOLUTIONS TO SIMPLIFY AND STREAMLINE WORK

With the new IM-503 Intelligent Media Sensor option, the devices can now manage paper settings autonomously. This intelligent sensor allows the device to automatically detect the type and thickness of paper before printing begins, thanks to both ultrasonic and optical sensors. Once the paper has been identified, it can automatically adjust the print settings based on the user's needs.

The finishing options available include both on-line and off-line stapling, letter-folding of up to three sheets per letter, and the formation of booklets with up to twenty sheets (80 pages), thus boosting office productivity and the quality of professional documents.

The FS-P04 off-line corner stapler (optional) is now also available for the MF259en, MF309en and MF369en d-Color models.

Those who only need the stapling function can install this option to save space, without the addition of an external finishing unit.

HEALTH AND WELL-BEING IN THE WORKPLACE

Thanks to its ability to filter ultra-fine particles, the new CU-102 air filter (optional) helps to improve air quality in work environments, helping to create healthier conditions for users and anybody in the area of the device.

Exposure to noise in the office can have negative effects on workers' health. For this reason, printers should keep noise pollution to a minimum, to avoid compromising workers' ability to communicate and concentrate. The noise level of the DF-632 and DF-714 automatic document feeders (optional) has been reduced by 1.6 dB (a 30% reduction in the noise created).

The energy-saving settings, low TEC values, compact design, packaging, use of recycled plastics, and the long-lasting nature of such consumables as the drums and developer units all help to reduce the environmental impact and keep costs down.

SECURITY

With the latest firmware updates, the new “Detect Authentication Attacks” function has been added. This guarantees enhanced protection against cyber threats, by helping to block unauthorised access attempts aimed at uncovering passwords and authentication data.

CONFIGURATION LAYOUT



TECHNICAL SPECIFICATIONS

GENERAL

Panel dimensions/resolution: 10.1" / 1024 x 600
RAM memory: 8,192 MB standard
System memory: 256 GB SSD (standard)/1 TB SSD (optional)
Interfaces: Ethernet 10/100/1,000-Base-T; USB 2.0; Wi-Fi 802.11 b/g/n/ac (optional)
Network protocols: TCP/IP (IPv4/IPv6); SMB; LPD; IPP; SNMP; HTTP(S); Bonjour
Automatic document feeder (optional): Up to 100 originals; A6-A3; 35-163 g/m²; available in RADF (DF-632) or Dualscan (DF-714) versions
Paper capacity: (standard/max.) 1,150 sheets/up to 6,650 sheets; Tray 1 (standard): 500 sheets; A6-A3 formats; custom formats; 52-256 g/m²; Tray 2 (standard): 500 sheets; A5-SRA3; custom formats; 52-256 g/m²; Optional tray PC-116: One x 500 sheets; A5-A3; 52-256 g/m²; Optional paper feed trays PC-216: Two x 500 sheets; A5-A3; 52-256 g/m²; Optional tray PC-416: One x 2,500 sheets; A4; custom formats; 52-256 g/m²; Optional tray PC-417: One 1,500 + one x 1,000 sheets; A5-A4; 52-256 g/m²; Optional high-capacity tray LU-302: One x 3,000 sheets; A4; custom formats; 52-256 g/m²
Manual bypass: 150 sheets; A6-SRA3; custom formats; Banner; 60-300 g/m²
Duplex: automatic A5-SRA3; 52-256 g/m²
Finishing options: Offset; Group; Collation; Basic; Hole-punching; Saddle folding; Letter; Booklet
Output tray capacity (standard): up to 250 sheets **Output tray capacity (optional):** up to 3,300 sheets **Stapling:** Max. 50 sheets or 48 sheets + 2 cover pages (up to 209 g/m²)
Letter-folding: Max. 3 sheets
Booklet-folding: Max. 20 sheets or 19 sheets + 1 cover (up to 209 g/m²)
Print volumes (monthly): Rec. 25,000 pages; Max. 150,000 pages
Power consumption: 220-240 V/50/60 Hz; Less than 1.58 kW **System Measurements:** (W x D x H) 615 x 688 x 779 mm (without options)
System Weight: approx. 84.0 kg (without options)

COPY FUNCTIONS

Technology: Laser
Toner technology: Polymerised toner
A4 copy speed (mono/colour): up to 25/25 ppm (MF259en), up to 30/30 ppm (MF309en), up to 36/36 ppm (MF369en)
A3 copy speed (mono/colour): up to 15/15 ppm (MF259en), up to 15/15 ppm (MF309en), up to 18/18 ppm (MF369en)
A4 duplex copy speed (mono/colour): up to 25/25 ppm (MF259en), up to 30/30 ppm (MF309en), up to 36/36 ppm (MF369en)
First copy time (mono/colour): 5.2/6.9 sec. (MF259en), 5.0/6.7 sec. (MF309en), 4.6/6.1 sec. (MF369en)
Warm-up time: approx. 11 sec. for mono; 13 sec. for colour (warm-up time can vary depending on environmental conditions and type of use)
Copy resolution: 600 x 600 dpi
Shades: 256
Multiple copies: 1-9,999
Format of original: A3 or less
Magnification: 25-400% in 0.1% increments; Auto-zoom

PRINT FUNCTIONS

Print resolution: 1,800 (equivalent) x 600 dpi; 1,200 x 1,200 dpi
Print speed: A4 (mono/colour): up to 25/25 ppm (MF259en), 30/30 ppm (MF309en), 36/36 ppm (MF369en)
Page description language: PCL 6 (XL3.0); PCL 5c; PostScript 3 (CPSI 3016); XPS
Operating systems: Windows 10 (32/64); Windows 11; Windows Server 2012; Windows Server 2012 R2; Windows Server 2016; Windows Server 2019; Windows Server 2022; macOS 10.14 or later; Unix; Linux; Citrix
Printing fonts: 80 PCL Latin; 137 PostScript 3 Emulation Latin; Barcode printing fonts (optional); OCR A and B fonts (optional); Unicode printing fonts (optional)
Mobile printing: AirPrint (iOS); Mobile Print app (iOS/Android); WiFi Direct® (optional)

PRINT CONTROLLER (OPTIONAL)

Embedded Fiery IC-420 v2
CPU Controller: Intel Celeron G4900T @ 2.9 GHz
Memory/HDD: 4,096 MB/500 GB
Page description language: Adobe PostScript 3 (CPSI 3020); PCL 6; PCL 5c

SCAN FUNCTIONS

Scan speed (mono/colour): Up to 100/100 ipm simplex, up to 200/200 ipm duplex
Scan resolution: up to 600x600 dpi
Scan modes: Scan-to-E-mail (Scan-to-Me); Scan-to-SMB (Scan-to-Home); Scan-to-FTP; Scan-to-box; Scan-to-USB; Scan-to-WebDAV; Scan-to-DPWS; Scan-to-URL; TWAIN Scanning
File formats: JPEG; TIFF; PDF; compact PDF; encrypted PDF; XPS; compact XPS; PPTX; searchable PDF (optional); PDF/A1a and 1b; searchable DOCX/PPTX/XLSX (optional)
Scan destinations: 2,000 single + 100 group; LDAP support

FAX FUNCTIONS (FK-514 OPTIONAL)

Communication: Super G3
Fax transmission: Analogue; I-Fax; i-Fax Colour; IP-Fax
Fax resolution: Up to 600 x 600 dpi
Fax compression: MH; MR; MMR; JBIG
Fax modem speed: Up to 33.6 Kbps
Fax destinations: 2,000 single + 100 group

USER BOX

Document storage: Up to 3,000 documents or 10,000 pages
User box types: Public; Private (access through password or authentication); Group (access through authentication)
System box types: Secure printing, encrypted PDF printing, fax reception, fax polling

SYSTEM FEATURES

Security functions (standard): ISO 15408 HCD-PP Common Criteria (in evaluation); IP filtering and port blocking; SSL3 and TLS1.1/1.2/1.3 network communications; IPsec support; IEEE support; User authentication: Log authentication; Secure printing; Kerberos; overwriting (8 standard types); data encryption (AES 256); automatic memory data deletion; Confidential fax reception; User data encryption;
Security functions (optional): Antivirus with real-time scanning (Bitdefender®);
Accounting functions (standard): up to 1,000 user accounts; Active Directory support (user name + password + email + SMB folder); user profile definitions;
Accounting functions (optional): Biometric authentication (finger vein pattern recognition); via RDFI card (ID card reader)
Mobile device authentication: Android/iOS

OTHER MAIN OPTIONS

EM-908: Hard disk 1TB (SSD)
DF-632: Originals reverse feeder, 100-sheet capacity; **DF-714:** Originals single-pass feeder, 100-sheet capacity; **OC-511:** Scan bed cover
IM-103: Device used to measure the thickness or weight of paper.
FS-533: 500-sheet inner finisher, stapling capacity up to 50 sheets
PK-519: 2/4 hole punch kit for FS-533;
FS-539: 3,300-sheet staple finisher, stapling capacity up to 50 sheets;
FS-539 SD: 2,300-sheet staple finisher, stapling capacity up to 50 sheets, booklet composition up to 20 sheets; **RU-513:** Connection unit for FS-539/FS-539 SD;
PK-524: 2/4 hole punch kit for FS-539/FS-539SD;
WT-506: Working table for connection of FS-P04
FS-P04: Finishing unit (corner stapler) to install with WT-506
JS-506: Job separator used instead of finishers
DK-516x: Desk used instead of drawers
PC-116: One universal drawer of 500 A3/A4 sheets
PC-216: Two universal drawers of 500 A3/A4 sheets each

PC-416: High-capacity drawer of 2,500 A4 sheets
PC-417: High-capacity drawer of 1,500 + 1,000 A4 sheets
MK-734: Mount kit for paper tray heater (HT-509)
HT-509: Paper tray heater for PC-116/PC-216/PC-416/PC-417
LU-302: High-capacity side tray of 3,000 A4 sheets; requires the installation of: PC-116/PC-216/PC-416/PC-417 **TK-101:** Transformer kit for the LU-302 heater
BT-C1e Banner Tray
AU-102: Biometric Authentication Device
IC Card Unit: RFID card readers, various types available
MK-735: Mount kit for card reader installation
KH-102: USB keypad rack
KP-102: Touch screen keypad
CU-102: Air filter
IC-420: Fiery Controller for colour printing
VI-516: Video interface for IC-420
UK-115: Interface card for IC-420
UK-221: Wireless LAN and LAN access point **SX-BR-300AN:** Wireless LAN
LK-105 v4: OCR conversion to searchable PDF formats and PPTX
LK-106: Barcode printing font
LK-107: Unicode printing font
LK-108: OCR A and B font support
LK-110 v2: Format converter, including DOCX, XLSX and PDF/A
LK-111: ThinPrint® Client
LK-114: Pull printing/Follow-me print solution
LK-115 v2: Trusted Platform Module for encrypted data protection
LK-116: Antivirus Bitdefender® real-time data scanning
LK-117: Fax over IP (T.38)
FK-514: Super G3 Fax card
SP-501: Stamps a scanned original when sending a fax
Spare TX Marker Stamp 2: A replacement stamp for the SP-501 stamp unit
EK-608: USB kit for external keypad connection
EK-609: USB kit for external keypad and Bluetooth connection
SC-509: Kit to prevent unauthorised copies

CONSUMABLES

Black toner (B1322): Up to 28,000 prints (A4 page format, with 5% cover, continuous printing mode)
Cyan toner (B1323): Up to 28,000 prints (A4 page format, with 5% cover, continuous printing mode)
Magenta toner (B1324): Up to 28,000 prints (A4 page format, with 5% cover, continuous printing mode)
Yellow toner (B1325): Up to 28,000 prints (A4 page format, with 5% cover, continuous printing mode)
Black drum (B1330): Up to 170,000 prints (Mf259en) / 225,000 prints (MF309en/MF369en)
Cyan/magenta/yellow colour drum (B1331): Up to 65,000 prints (Mf259en) / 90,000 prints (Mf309en) / 105,000 prints (MF369en)
Black developer (B1326): Up to 1,000,000 prints
Cyan developer (B1327): Up to 1,000,000 prints
Magenta developer (B1328): Up to 1,000,000 prints
Yellow developer (B1329): Up to 1,000,000 prints
Waste Toner Box (B1332): Capacity up to 44,000 prints
Fusing unit (B1469): Up to 800,000 prints
Transfer unit (B1404): Up to 330,000 prints
2 Transfer rollers (B1366): Up to 330,000 prints
Staple cartridge for FS-P04 (B1113): 5 x 1,000 staples
Staple cartridge for FS-533, FS-539/SD: 3 x 5,000 staples

N.B.: All specifications refer to paper in A4 format and 80 g/m² weight.