

# FS-C8020MFP

► print ► copy ► scan ► fax

## WANT A COMPACT, COLOUR PROFESSIONAL YOU CAN RELY ON?

This compact, A4/A3 format colour multifunctional, specifically designed to meet the requirements of small offices and workgroups, will satisfy even the highest demands on functionality, usability and compactness. Engineered with KYOCERA's renowned long-life components, this new ECOSYS device ensures unprecedented reliability and exceptionally low printing costs with significantly less environmental impact.

- Up to 20/10 pages A4/A3 per minute in colour and b/w
- Time to first copy: 15.6 seconds or less
- High resolution colour print quality
- Professional print, copy, scan, fax functionality
- Up to 1,600 sheets paper capacity
- Easy to install and operate
- Easy-to-use wizard-style navigation
- Low noise emissions match desktop printers
- 360° all-round stylish design
- Long-life components provide unprecedented efficiency and reliability
- Exceptionally low printing costs in its class



The reverse automatic document processor scans double-sided documents for easy filing and forwarding.

Customisable, colour touch panel offers fast, easy access to frequently used functions.



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COLOUR MULTIFUNCTIONAL FOR A4/A3 FORMAT

**ECOSYS** stands for ECOlogy, ECOnomy and SYStem-printing. With their long-life components, ECOSYS devices are designed to maximise durability and minimise the total cost of ownership with regard to maintenance, administration and consumables. The cartridge-free system means that only the toner has to be replaced regularly. The modular design concept allows you to add workflow-enhancing functions as required. Integrated system software provides long-term cross-network compatibility. KYOCERA's long-life components cost you and the environment less.

## PRESCRIBE IIc

With the KYOCERA page design and control language PRESCRIBE IIc, even complex graphics, logos and forms (multipart forms) can be created independently on the system and saved and updated in the printer. Consequently, integration into print files no longer applies. They are only accessed as required and therefore relieve the load on the network.

## The KM NetViewer

The KM NetViewer enables complete monitoring and control of all ECOSYS printers and digital KYOCERA multifunction units from any Windows® PC and thus provides ideal network administration. It also supports the standardised SNMP protocol.

## Status Monitor and Command Center

The Status Monitor shows the current printer's condition and gives direct access to the Command Center for the modification of settings that are not contained in the drivers (e.g. network settings, adjustment of sleep mode or blocking of the control panel).

## USB Host Interface for USB Flash Memory

Documents can be printed directly from and scanned to a USB Flash Memory (e.g. USB stick) via the USB host interface. The documents stored as PDF, XPS, TIFF or JPEG are selected directly via the printer's control panel. No computer is required.

## General

**Technology:** KYOCERA ECOSYS, COLOUR Laser

**Engine speed:** Up to 20/10 pages A4/A3 per minute in colour and b/w

**Resolution:** 600 x 600 dpi (print), 600 x 600 dpi (scan/copy)

**Warm-up time:** Approx. 55 seconds or less

**Time to first print:** Approx. 11 seconds or less in b/w, 14 seconds or less in colour

**Time to first copy:** Approx. 12.7 seconds or less in b/w, 15.6 seconds or less in colour

**CPU:** PowerPC 464 / 800 MHz

**Memory:** Standard 1,024 MB, max. 2,048 MB

**Standard interface:** USB 2.0 (Hi-Speed), USB Host 2.0, Fast Ethernet 10/100/1000Base-TX, slot for optional print server, slot for optional CompactFlash®-Card

**Integrated accounting:** 100 department codes

**Dimensions with Document processor (W x D x H)**  
590 x 590 x 748 mm

**Weight with Document processor:** Approx. 80 kg including toner container

**Power source:** AC 220 ~ 240 V, 50/60 Hz

### Power consumption

Printing: 567 Watt

Copying: 567 Watt

Stand-by: 135 Watt

Sleep-mode: 1 Watt

### Noise (sound pressure level: ISO 7779/ISO 9296)

Copying/Printing : 47dB(A)

Stand-by : 35dB(A)

### Safety standards: TÜV/GS, CE

This unit is manufactured according to ISO 9001 quality standard and ISO 14001 environmental standard.

## Paper handling

All paper capacities quoted are based on a paper thickness of max. 0.11 mm. Please use paper recommended by KYOCERA under normal environmental conditions.

**Input capacity:** 100-sheet multi-purpose tray, 60-256 g/m<sup>2</sup> (52-163 g/m<sup>2</sup> for larger than A4/Letter size), A3, A4, A5, A6, B5, Letter, Legal, Folio, envelopes, Custom (98 x 148 to 297 x 432 mm)

500-sheet universal paper cassette, 60-256 g/m<sup>2</sup>, A3, A4, A5, B5, Letter, Legal, Folio, max. input capacity with options: 1,600 sheets

**Duplex unit:** Duplex as standard supports 60-220 g/m<sup>2</sup>

**Reversing document processor:** 50-sheet, Simplex scan 45-160 g/m<sup>2</sup>, Duplex scan 50-120 g/m<sup>2</sup>, A3, A4, A5, B5, Ledger, Letter, Legal, Custom (140x182 to 297x432mm)

**Output capacity:** Max. 280 sheets; 250 sheets face-down (main tray) plus 30 sheets (job separator tray)

## Print functions

**Controller language:** PRESCRIBE IIc

**Emulations:** PCL 6 (5c/XL), KPDL 3 (PostScript 3 compatible), PDF Direct Print, XPS Direct Print

**Operating systems:** All current Windows operating systems, MAC OS X Version 10.4 or higher, Unix, Linux as well as other operating systems on request

**Fonts/barcodes:** 93 outline fonts (PCL 6, KPDL3) + 8 (Windows Vista), 1 Bitmap font, 45 types of one-dimensional barcodes, 1 type of two-dimensional barcode (PDF417)

**Features:** Encrypted PDF Direct Print, IPP printing, e-mail printing, WSD print, secure printing via SSL, IPsec, SNMPv3, Private Print (requires memory expansion)

## Copy functions

**Max. original size:** A3/Ledger

**Continuous copying:** 1-999

**Zoom range:** 25-400% in 1% steps

**Preset magnification ratios:** 5 Reductions / 5 Enlargements

**Exposure mode:** Auto, manual: 7 steps

**Image adjustments:** Text, photo, text + photo, graphic/map, printer output

**Features:** Scan-once-copy-many, electronic sort, 2in1, 4in1, job reserve, priority print, program, auto duplex copy, split copy, continuous scan, auto cassette change (PF-470 or PF-471 is required), copy density control, Prevent Bleed-Through

## Scan functions

**Functionality:** Scan-to-Email, Scan-to-FTP, Scan-to-SMB, Scan to USB Host, Network TWAIN, WIA, WSD scan

**Scan speed:** 40ipm (300dpi, A4, b/w, colour)

**Scan resolution:** 600, 400, 300, 200, 400 x 200, 200 x 100 dpi (256 greyscale per colour)

**Max. scan size:** A3, Ledger

**Original recognition:** Text, photo, text + photo, OCR

**File types:** TIFF, PDF, PDF/A, JPEG, XPS

**Compression method:** MMR /JPEG

**Features:** Integrated address book, Active Directory support, encrypted data transfer, multi send (e-mail, fax, SMB/FTP folder, print) at once

## Fax functions (optional)

**Compatibility:** ITU-T Super G3

**Modem speed:** Max. 33.6 kbps

**Transmission speed:** Less than 3 seconds.

**Scanning speed:** 2.0 seconds (quick scanning, bitmap)

**Address book:** 200 (personal address) + 50 entries (group address)

### Scanning density:

Normal: 8 dot/mm x 3.85 line/mm

Fine: 8 dot/mm x 7.7 line/mm

Superfine: 8 dot/mm x 15.4 line/mm

Ultrafine: 16 dot/mm x 15.4 line/mm

Halftone: 256 grey scales

**Maximum original size:** A3, Ledger

**Compression method:** JBIG, MMR, MR, MH

**Memory reception:** 700 sheets or more

**Features:** Network fax, duplex transmission and reception, encrypted transmission and reception, polling transmission and reception, broadcast

## Consumables

Average continuous toner yield in accordance with ISO/IEC 19798

**TK-895K Toner-Kit:** Microfine toner black for 12,000 pages A4

**TK-895C, TK-895M, TK-895Y, Toner-Kit:** Microfine toner cyan, magenta, yellow for 6,000 pages A4

Capacity of starter toner is black 3,000 pages, cyan, magenta, yellow 1,500 pages A4

## Options

### Fax System (U)

#### Paper handling

**PF-470 Paper feeder:** Max. 500 sheets; 60-256 g/m<sup>2</sup>; A3, A4, A5, B5, Letter, Legal, Custom (98x148 to 297x432mm)

**PF-471 Paper feeder:** Max. 1,000 sheets; 60-256 g/m<sup>2</sup>; A3, A4, A5, B5, Letter, Legal, Custom (98x148 to 297x432 mm)

**DF-470\* Document finisher + AK-470:** Max. 500 sheets 60-256 g/m<sup>2</sup>; A3, A4, A5, B5, Letter, Legal, Custom (98x148 to 297x432 mm), 3 positions stapling up to 50 sheets A4 or 25 sheets A3

\*Bridging unit AK-470 is required for the use of DF-470

#### Memory upgrade:

MDDR2-256: 256 MB; MDDR2-512: 512 MB, MDDR2-1024: 1.024 MB

**CF\*-Card:** CF-4 (4 GB) for printing forms, fonts, logos, macro storage

**USB Flash Memory:** Supports direct printing and scanning of PDF, XPS, TIFF, JPEG files via USB Host interface

**UG-33:** ThinPrint support

**USB IC Card Reader + Card Authentication Kit (B):** Support for various authentication keys available

#### Optional interface

**IB-50:** Gigabit-Printserver 10BaseT/100BaseTX/1000BaseT

**CB-470 Cabinet:** Wooden desk with storage capacity, including castors (wheels)

**CB-472 Cabinet:** Metal desk with storage capacity, including castors (wheels)

## Warranty

1-year warranty as standard.\*\* KYOCERA guarantees the drum and developer for 3 years or 200,000 pages (whichever occurs sooner), provided each device is used and cleaned in accordance with the service instructions.

**KYO LIFE** Up to 5-year on-site warranty extensions available for product and options.



Product depicted includes optional extras.

Your KYOCERA Business Partner:

KYOCERA MITA Europe B.V. - Branch Office Germany - Otto-Hahn-Straße 12 - 40670 Meerbusch - Germany

Tel +49 (0) 2159 928-500 - Fax +49 (0) 2159 918-100

www.kyoceramita-europe.com - info@kyoceramita-europe.com

KYOCERA MITA Corporation - 2-28, 1-Chome - Tamatsukuri - Chuo-Ku

Osaka 540-8585 - Japan - www.kyoceramita.com

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