FS-2020D/DN

MONOCHROME WORKGROUP PRINTER FOR A4 FORMATS

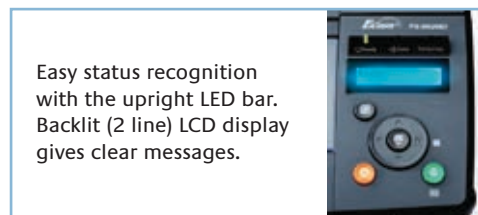▶ **print**   ▶ copy   ▶ scan   ▶ fax

THE POWERFUL PRINTER FOR SMALL TEAMS.

In cases where productivity and efficiency are key, the powerful FS-2020D is your first choice. With 35 pages per minute it works at a remarkable pace, and also provides duplex printing, 500-sheet universal cassette and exceptional user-friendliness as standard. With standard USB and parallel interface, the FS-2020D can be shared very easily, and the network model FS-2020DN is ideally suited for smaller workgroups.

- ▶ Up to 35 pages per minute in A4 with up to 1,200 dpi resolution
- ▶ Standard duplex unit for double-sided printing
- ▶ 100-sheet multi-purpose tray, 500-sheet universal cassette
- ▶ Paper capacity of up to 1,100 sheets with optional paper feeder
- ▶ PowerPC 440/533 MHz, 128–1,152 MB RAM
- ▶ USB and parallel connectivity as standard, optional network
- ▶ Direct PDF Print from USB Flash memory device
- ▶ Exceptionally low printing costs in its class

Save environmental and financial resources with double-sided printing.

Easy status recognition with the upright LED bar. Backlit (2 line) LCD display gives clear messages.

Ecosys®

KYOCERA

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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 IIe
With the KYOCERA page design and control language PRESCRIBE IIe, 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 printers 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
PDF files can be printed directly from a USB Flash Memory (e.g. USB stick) via the USB host interface. Documents are selected directly via the printer's control panel. No computer is required.

General

Technology
KYOCERA ECOSYS Laser

Engine speed
Up to 35 pages per minute in A4

Resolution
1,200 dpi

Duty cycle
Max. 150,000 pages per month
Max. average 20,000 pages per month

Warm-up time
Approx. 17 seconds or less from power on

Time to first page
Approx. 9 seconds or less

Dimensions (W x D x H)
382 mm x 394 mm x 285 mm

Weight
Approx. 16.2 kg (main unit)

Power source
220/240 V, 50/60 Hz

Power consumption
Printing: 560 W
Stand-by: 9.2 W
Power-Saving (ECOpower): 5.7 W

Noise (ISO 7779 / ISO 9296)
Printing: 52 dB(A)
Stand-by: 29 dB(A)

Safety standards
GS, TÜV, 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; 60–220 g/m^2;
A4, A5, A6, B5, Letter, Legal, Custom
(70 x 148 – 216 x 356 mm)
500-sheet universal paper cassette, 60–120 g/m^2;
A4, A5, B5, Letter, Legal, Custom
(140 x 210 mm – 216 x 356 mm)
Max. input capacity incl. option: 1,100 sheets

Duplex unit
Duplex as standard supports A4, A5, B5, Letter, Legal, Custom (140 x 210 mm – 216 x 356 mm), 60–120 g/m^2

Output capacity
250-sheet-face-down with paper full sensor

Controller

CPU
PowerPC 440/533 MHz

Memory
128 MB RAM, can be increased to 1,152 MB RAM as an option

Standard interface
High-speed bi-directional parallel (IEEE 1284), USB 2.0 (Hi-Speed), USB Host Interface dedicated for USB Flash Memory device,
Slot for optional internal print server or hard disc
Slot for optional CompactFlash®-Card

Controller language
Prescribe IIe

Emulations
PCL6/PCL5c incl. PJL, KPDL 3 (PostScript 3 compatible), PDF Direct Print, Line Printer, IBM Proprinter X24E, Epson LQ-850, Diablo 630

Operating systems
All current Windows operating systems,
Mac OS X Version 10.2 or higher,
UNIX, LINUX as well as other operating systems on request

Fonts/Barcodes
93 scalable fonts for PCL/PostScript*, 8 fonts for Windows Vista*, 1 Bitmap font, 45 barcodes (e.g. EAN8, EAN13, EAN128) with automatic generation of checksums as well as support of two-dimensional barcodes PDF-417 under PRESCRIBE (PCL and other barcodes available as an option)

Integrated Accounting
100 department codes

Consumables

TK-340 Toner-Kit
Microfine toner for 12,000 pages A4 in accordance with ISO/IEC 19752

Capacity of starter toner is 6,000 pages A4 in accordance with ISO/IEC 19752

Options

PF-310 Paper feeder
Max. 500 sheets; 60–120 g/m^2; A4, A5, B5, Letter, Legal, Custom (148 x 210 mm – 216 x 356 mm)

CB-310 Cabinet
Desk with storage capacity

Memory upgrade
MDDR2-128: 128 MB; MDDR2-256: 256 MB;
MDDR2-512: 512 MB, MDDR2-1024: 1.024 MB

CompactFlash*-Card
1 slot (up to 4 GB) for printing forms, fonts, logos, macro storage

USB Flash Memory
Supports PDF direct printing via USB Host Interface

HD-5a Hard disc
40 GB for easy document management

Optional interface
IB-31 FastEthernet: 10BaseT/100BaseTX (RJ-45)
PS159: Wireless LAN (802.11b/g)
PS1109 Gigabit Ethernet:
10BaseT / 100BaseTX / 1000BaseT (RJ-45)
PS129 Fibre Optic: 100BaseSX (SC)
PS1129 Gigabit Fibre Optic: 1000BaseSX (SC)

Model variations

FS-2020DN
FS-2020D + IB-31 Network card: 10BaseT/100BaseTX

FS-2020D/KL3
FS-2020D incl. warranty extension KYOlife 3 years

FS-2020DN/KL3
FS-2020DN incl. warranty extension KYOlife 3 years

Warranty

2-year warranty as standard. KYOCERA guarantees the drum and developer for 3 years or maximum 300,000 pages (whichever occurs sooner), provided the printer is used and cleaned in accordance with the service instructions.

KYOLIFE The up to 5-year on-site warranty extension for printer and options.

* KYOCERA does not warrant that any specifications mentioned will be error-free. Specifications are subject to change without notice. Information is correct at time of going to press. All other brand and product names may be registered trademarks or trademarks of their respective holders and are hereby acknowledged. KYOcount is a trademark of KYOCERA MITA Europe B.V.

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Product depicted includes optional extras.

KYOCERA