

# FS-2020D/DN

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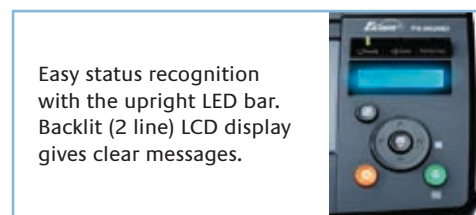
## THE POWERFUL PRINTER FOR SMALL TEAMS.

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.



# FS-2020D/DN

MONOCHROME WORKGROUP PRINTER FOR A4 FORMATS



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<sup>2</sup>;

A4, A5, A6, B5, Letter, Legal, Custom

(70 x 148 - 216 x 356 mm)

500-sheet universal paper cassette, 60-120 g/m<sup>2</sup>;

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<sup>2</sup>

### 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. PJI, 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<sup>2</sup>; 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

### Optical 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.

**KYO LIFE** The up to 5-year on-site warranty extension for printer and options.



Your KYOCERA Business Partner:

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Product depicted includes optional extras.

**KYOCERA**