

FS-2000D / FS-3900DN
FS-4000DN / FS-6950DN

A4/A3 MONOCHROME WORKGROUP PRINTER RANGE

► print ► copy ► scan ► fax

SPACE TO THINK

IN ANY SIZE OFFICE.



Ecosys

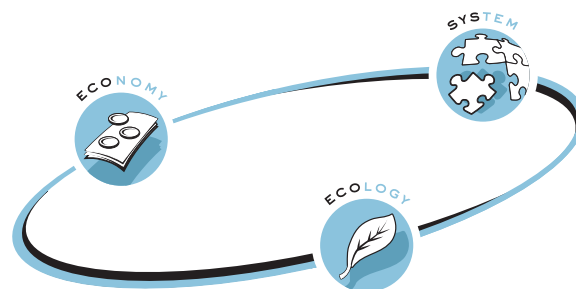
 **KYOCERA**

COMPACT, LOW NOISE PRINTERS

THAT FIT SEAMLESSLY INTO YOUR WORK ENVIRONMENT.

A LONG-TERM COMMITMENT

ECOSYS is a unique guiding principle deployed by Kyocera Mita. The combination of optimised workplace efficiency, minimised environmental impact and effortless system integration truly sets Kyocera devices apart.



ECONOMY: Total Cost of Ownership (TCO) is the true lifetime cost of a device as operating expenses can significantly exceed the original purchase price. ECOSYS devices are designed to minimise both direct costs, such as consumables, and indirect costs, such as energy usage and administration, invariably offering the lowest TCO in their class.



ECOLOGY: Kyocera Mita's long-life technology utilises our extensive expertise in ceramics. In addition, the drum is separate from the toner, so there is no need to replace everything, only the toner – a highly efficient use of energy, resulting in minimised environmental impact through less pollution and minimal waste of resources.



SYSTEM: With Kyocera ECOSYS devices, there is a wide range of enhancements designed to maximise document output productivity. Additional functionality and upgrades are available, maximising the long-term benefit of the investment. Finally, Kyocera Mita's integrated system software ensures long-term and cross-network compatibility.

No one wants a printer to be the centre of attention. With this in mind, the new generation of Kyocera printers has been consciously designed to stay out of your way in any workgroup setting. These printers have a remarkably small footprint and are the result of a thorough focus on reducing noise levels throughout the device. Reliable, long-life ECOSYS components are standard – as is a space-saving internal duplex unit. With printers that are this refined, you'll have more space to think about the kind of things that draw attention to you and your business.

A new level of print quality

1,200 dpi resolution plus a new shape-controlled toner technology for consistently clear results.

Low-noise output

Newly designed noise-reducing components – inside and out – ensure zero noise in sleep mode and low noise when printing.



Space-saving design

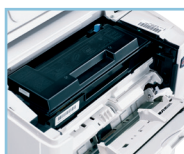
A compact design ensures that even with additional paper trays, these printers still have a remarkably small footprint.

Standard duplex unit

The internal duplex unit, which delivers double-sided printing, saves space and reduces paper consumption.

Network connectivity

Kyocera printers offer network connectivity with seamless integration as standard (option FS-2000D).



Lifetime affordability

A unique cartridge-free design requires only the toner container to be replaced, significantly lowering the costs of consumables over the life of the printer.



AN EASY DECISION TO MAKE

FS-2000D/FS-2000DN

ECONOMICAL A4 WORKGROUP PRINTER

These efficient A4 printers offer standard duplex printing and handle a variety of paper sizes and weights. In FS-2000DN configuration, or when the optional network interface is added to FS-2000D, these capable models cope with the demands of a growing workgroup.



FS-3900DN

NETWORK-READY A4 WORKGROUP PRINTER

Ready to go in any demanding environment, this A4 workgroup printer provides increased speed and paper capacity over the FS-2000D and offers a network interface as standard.



FS-4000DN

HIGH-SPEED A4 WORKGROUP PRINTER

This extremely fast workgroup printer allows large groups to increase productivity with ease and can accommodate additional memory for even better performance with large print files.



FS-6950DN

VERSATILE A3 WORKGROUP PRINTER

For workgroups that require a wide variety of output up to A3 in size. This fast and flexible printer offers an expandable paper capacity and can accommodate increases in memory, especially helpful for CAD and DTP environments.



LOW-NOISE DESIGN

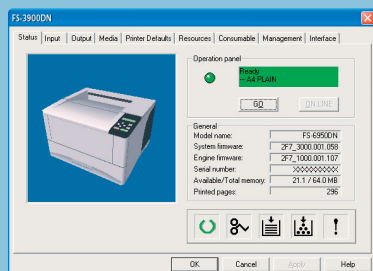
A quieter working environment is a more productive environment. Kyocera printers are designed inside and out to minimise distractions. The vents for the cooling fan have been moved to the rear. In sleep mode, the fan shuts off completely. Timing along the paper path has been tightened to minimise paper feeding noise. The entire device is constructed with sound-trapping seams from top to bottom and side to side.

MAX. PAPER SIZE	SPEED (max. A4 pages per minute)	RESOLUTION	MEMORY	NETWORK
A4/legal	30	1,200 x 1,200 dpi	64MB standard 576MB max.	Optional (FS-2000DN)
A4/legal	35	1,200 x 1,200 dpi	64MB standard 576MB max.	Standard
A4/legal	45	1,200 x 1,200 dpi	128MB standard 640MB max.	Standard
A3/ledger	32	1,200 x 1,200 dpi	64MB standard 576MB max.	Standard



USB DIRECT PRINTING

Everyone likes a friendly host. For extra hospitality and personal handling of documents, PDF files can be printed directly from USB Flash Memory devices. Office visitors can simply plug into the USB port and print their documents for meetings on the spot. Sensitive documents can be printed out while you stand next to the printer so you don't risk leaving a pile of secrets lying around for someone to accidentally walk away with.

PROCESSOR**PAPER INPUT****PAPER OUTPUT****TIME TO
FIRST PAGE****PowerPC 440
(400MHz)****600 sheets standard
1,100 sheets max.****250 sheets face-down****9 seconds****PowerPC 750
(400MHz)****600 sheets standard
2,500 sheets max.****500 sheets face-down
250 sheets face-up (option)****10.5 seconds****PowerPC 750
(500MHz)****600 sheets standard
2,500 sheets max.****500 sheets face-down
250 sheets face-up (option)****9 seconds****PowerPC 750
(400MHz)****350 sheets standard
1,350 sheets max.****250 sheets face-down
250 sheets face-up (option)****9 seconds**

HASSLE-FREE NETWORK ADMINISTRATION

Once everything is up and running, why not keep it that way? To help minimise workflow disruptions, Kyocera's KM-NET utilities enable administrators to easily stay in touch with any printer on the network. Status, default settings, toner and paper levels, IP addresses and port settings can all be verified and modified remotely via a Web interface.

USER-FRIENDLY LCD DISPLAY

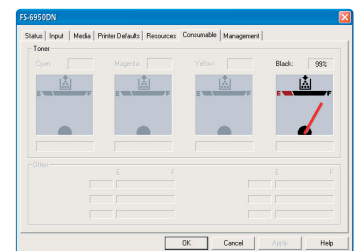
Clear and bright, the backlit display on these new generation printers is always easy to read, regardless of how strong or weak your office lighting is. Even better, the display has been shifted over to the right so that it is always accessible, but never in the way – leaving you lots of space to work quickly and efficiently.

ECO-FRIENDLY

As part of Kyocera's commitment to the environment, this new generation of printers employs ozone-free technology. Typically, electrical charges in printers react with the oxygen in the air, creating ozone. With the adoption of the world's first positively charged roller, electrical charges aren't lost in the air, so no ozone is created. In order to maintain the longevity of this system while keeping print quality high, a fine brush automatically cleans the roller on every pass to disperse foreign objects.

INTELLIGENT TONER LEVEL MONITOR

How much toner remains is usually a guessing game, you know when it's full or empty, but with Kyocera's intelligent toner level monitoring, you always know exactly where you stand. Genuine Kyocera toner ensures you get a precise reading via the KM-NET utility. When it's time for a refill, the only tools you need to remove the toner container are your fingers.



1,200 DPI AND NEW SHAPE-CONTROLLED TONER

There's more to print quality than dots per inch. Kyocera has considered the dot itself. Because all toner is made of tiny particles, the shape of these particles has an impact on the appearance of the printed page. By making toner particles more circular, images are clearer. For example, photographs printed with shape-controlled toner have reduced moiré patterns. In other words, you'll make a better client impression per inch.

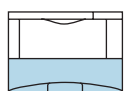
CUSTOM PAPER HANDLING FOR ANY OFFICE

Kyocera's modular design approach allows you to answer your immediate needs now, then add extra volume or flexibility when you need it. The standard input configuration provides a solid base that is well-suited for small workgroups. All standard paper cassettes can handle a wide range of paper stock. Additionally, all models feature space-saving internal duplex units as standard, delivering double-sided printing and reduced paper consumption. On the output side, each printer is equipped with 'tray full' sensors for face-down output, preventing the output tray from overflowing.

FS-2000D/FS-2000DN

Base version

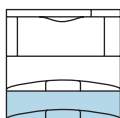
One 500-sheet universal paper cassette plus a 100-sheet multipurpose tray.



Standard configuration

Flexibility

Add an extra 500-sheet universal cassette for demanding workgroups.

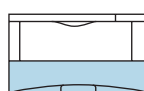


PF-310

FS-6950DN

Base version

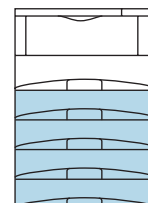
One 250-sheet universal paper cassette plus one multipurpose tray.



Standard configuration

High-capacity

Add up to four 250-sheet universal paper trays for extra capacity in large workgroups.

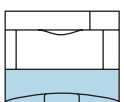


PF-430

FS-3900DN/FS-4000DN

Base version

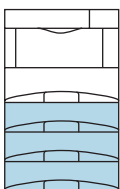
One 500-sheet universal paper cassette plus a 100-sheet multipurpose tray.



Standard configuration

Flexibility

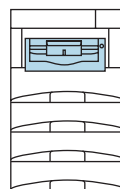
Add up to three extra 500-sheet universal cassettes for demanding workgroups.



PF-310

Envelope printing

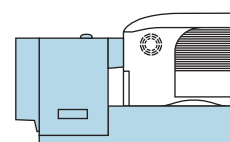
Add an envelope feeder that holds various shapes and sizes up to 100 envelopes.



EF-310

High-capacity

Add a 2,000-sheet bulk feeder for special media types.



PF-315 with PB-315

TONER COMPATIBILITY

	A4 FS-2000D	A4 FS-3900DN	A4 FS-4000DN	A3 FS-6950DN
TK-310: 12,000 pages*	x	x	x	—
TK-320: 15,000 pages*	—	x	x	—
TK-330: 20,000 pages*	—	—	x	—
TK-440: 15,000 pages*	—	—	—	x

TK-310 yield based on usage in FS-2000D

TK-320 yield based on usage in FS-3900DN

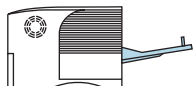
TK-330 yield based on usage in FS-4000DN

When used in alternative machines toner yield may vary from that stated.

*5% coverage (ISO/IEC 19752)

Face-up output

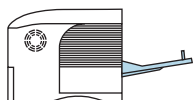
Add a 250-sheet face-up tray for heavier weight paper, envelopes and labels.



PT-430

Face-up output

Add a 250-sheet face-up tray for heavier weight paper, envelopes and labels.



PT-310



BEYOND THE BOX

KYOware™
SOLUTIONS

With broad international experience in printing, scanning, copying, faxing and document management, Kyocera is in a unique position to offer custom solutions that streamline the entire workflow process and maximise your return on investment from your office equipment. To achieve this, Kyocera employs its own software developers and partners with leading providers in the fields of accounting, security, document management and system management. To see how KYOware solutions can multiply the productivity of your hardware visit www.kyoware.com

FS-2000D/FS-3900DN/FS-4000DN/FS-6950DN

A4/A3 MONOCHROME WORKGROUP PRINTER RANGE



ECOSYS devices are designed to minimise both direct costs and indirect costs, such as maintenance, administration and consumables. The cartridge-free system requires only the toner to be replaced. The modular design concept allows you to add workflow enhancing functions and a wide variety of paper handling capabilities as required. Integrated system software provides long-term cross-network compatibility. Kyocera's long-life components cost you and the environment less.

System platform:

The FS-2000D, FS-3900DN, FS-4000DN and FS-6950DN offer USB and parallel connectivity as standard and deliver standard network connectivity (option FS-2000D) and problem-free system administration. Kyocera's single platform technology means that the same driver can be used for every Kyocera PCL/PostScript print device on the network: from single-user desktop printers to high-end multifunctional systems. Only Kyocera offers this effortless combination of IT sophistication and high-performance paper handling expertise.

PRESCRIBE IIe:

With the Kyocera page design and control language PRESCRIBE IIe, even complex graphics, logos and forms (even multipart forms) can be created independently of 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.

KM-NET for Client/KM-NET Viewer:

The settings of all printers on the network can be checked visually and amended from any Windows® PC. KM-NET for Client enables easy setup and monitoring of the printer status via parallel, USB or standard (option FS-2000D) network connection. KM-NET Viewer is an advanced printer management software tool using the standardized protocol SNMP.

GENERAL

Technology: Kyocera ECOSYS, Laser

Engine speed:

FS-2000D: Up to 30/15.5 pages per minute A4 simplex/duplex

FS-3900DN: Up to 35/25 pages per minute A4 simplex/duplex

FS-4000DN: Up to 45/33.5 pages per minute A4 simplex/duplex

FS-6950DN: Up to 32/16 pages per minute A4/A3 simplex,

up to 23/10 pages per minute A4/A3 duplex

Resolution: 1,200 dpi

Time to first page:

FS-2000D: 9 seconds or less

FS-3900DN: 10.5 seconds or less

FS-4000DN: 9 seconds or less

FS-6950DN: 9 seconds or less

Warm-up time:

FS-2000D: 13 seconds or less from power on

FS-3900DN/FS-6950DN: 15 seconds or less from power on

FS-4000DN: 17 seconds or less from power on

Duty cycle:

FS-2000D/FS-6950DN: Max. 150,000 pages per month,

max. average 20,000 pages per month

FS-3900DN: Max. 200,000 pages per month,

max. average 25,000 pages per month

FS-4000DN: Max. 250,000 pages per month,

max. average 30,000 pages per month

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

Power consumption:

FS-2000D: Printing: 400 W, Stand-by: 9 W,

Power-Saving (ECOpower): 4.4 W

FS-3900DN: Printing: 475 W, Stand-by: 10 W,

Power-Saving (ECOpower): 4.9 W

FS-4000DN: Printing: 510 W, Stand-by: 10 W,

Power-Saving (ECOpower): 5.5 W

FS-6950DN: Printing: 555 W, Stand-by: 10 W,

Power-Saving (ECOpower): 4.9 W

Noise (ISO 7779):

FS-2000D: Printing: 50 dB(A), Stand-by: 29 dB(A)

FS-3900DN: Printing: 52 dB(A), Stand-by: 30 dB(A)

FS-4000DN: Printing: 56 dB(A), Stand-by: 30 dB(A)

FS-6950DN: Printing: 49 dB(A), Stand-by: 28 dB(A)

Power-Saving (ECOpower): Immeasurably low

Dimensions (W x D x H):

FS-2000D: Main unit: 382 x 394 x 285 mm

FS-3900DN/FS-4000DN: Main unit: 382 x 394 x 320 mm

FS-6950DN: Main unit: 469 x 395 x 285 mm

Weight:

FS-2000D: Main unit: Approx. 15.8 kg

FS-3900DN: Main unit: Approx. 16.7 kg

FS-4000DN: Main unit: Approx. 16.8 kg

FS-6950DN: Main unit: Approx. 19.5 kg

Certifications:

TÜV/GS, CE, PHS

This product 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:

FS-2000D/FS-3900DN/FS-4000DN: 500-sheet universal paper

cassette, 60-120g/m², A4, A5, A6 (only FS-3900DN/FS-4000DN),

B5, Letter, Legal, Custom (148 x 210 mm to 216 x 356 mm)

100-sheet multi-purpose tray, 60-220g/m², A4, A5, A6, B5,

Letter, Legal, Custom (70 x 148 mm to 216 x 356 mm)

FS-2000D: Max. input capacity with optional paper

feeder PF-310: 1,100 sheets

FS-3900DN/FS-4000DN: Max. input capacity with optional

paper feeder PF-315: 2,500 sheets

FS-6950DN: Max. input capacity with 4 optional paper

feeders PF-430: 1,350 sheets

FS-2000D/FS-3900DN/FS-4000DN: Duplex as standard sup-

ports A4, A5, B5, Letter, Legal, 60-120g/m²

FS-6950DN: Duplex as standard supports A3-A5-R, 60-120g/m²

Output capacity:

FS-2000D: 250 sheets face-down with paper full sensor

FS-3900DN/FS-4000DN: 500 sheets face-down with paper

full sensor and optional 250 sheets face-up with PT-310

FS-6950DN: 250 sheets face-down with paper full sensor

and optional 250 sheets face-up with PT-430

CONTROLLER

Processor:

FS-2000D: PowerPC 440 / 400MHz

FS-3900DN/FS-6950DN: PowerPC 750 / 400MHz

FS-4000DN: PowerPC 750 / 500MHz

Memory:

FS-2000D/FS-3900DN/FS-6950DN: Standard 64MB +

ECOMemory, max. 576MB in 1 DIMM slot

FS-4000DN: Standard 128MB + ECOMemory, max. 640MB in

1 DIMM slot

Emulations: PCL6/PCL5e incl. PJI, KPDL 3 (PostScript 3

compatible), KC-GL (HP-7550A)¹, PDF direct printing, Line

Printer, IBM Proprinter X24E, Epson LQ-850, Diabolo 630

¹ Only FS-6950

Controller language: PRESCRIBE IIe

Fonts: 80 outline fonts accessible in all emulations,

1 bitmap font, 45 types of one-dimensional barcodes plus

two-dimensional barcode PDF-417,

Downloadable fonts: Kyocera, PCL + TrueType format,

Type 1 + 3 format

Print features: Duplex, Accounting, eMPS, low noise,

no Ozone, USB-Host

INTERFACES

Standard interface: High-speed bi-directional parallel (IEEE

1284), USB 2.0 (Hi-Speed), Fast Ethernet 10Base-T/100Base-TX²,

USB Host interface dedicated for USB Flash Memory device,

KUIO-LV option interface slot

² Only FS-3900DN/FS-4000DN/FS-6950DN

Multiple interface connection (MIC): Allows simultaneous

data transfer via up to three interfaces, with each interface

having its own virtual printer.

OPTIONS

Paper handling

FS-2000D/FS-3900DN/FS-4000DN:

PF-310 Paper feeder (FS-2000D: max. 1 unit, FS-3900DN/

FS-4000DN: max. 3 units): 500 sheets, 60-120g/m², A4, A5,

B5, Letter, Legal, Custom (148 x 210 mm to

216 x 356 mm)

CB-310 Printer cabinet: Desk with storage capacity

FS-3900DN/FS-4000DN:

PT-310 Paper tray: 250 sheets face-up output tray

PF-315 Bulk paper feeder: 2,000 sheets (requires PB-315),

not to be combined with PF-310 or EF-310

PB-315 Printer base: For use with PF-315

EF-310 Envelope feeder: For max. 70 normal envelopes or

max. 100 air mail envelopes up to A6 size

FS-6950DN:

PF-430 Paper feeder: 250 sheets, 60-120g/m², A3, B4, A4-R,

A4, A5, B5, Letter, Letter-R, Legal, Ledger, Custom (139.7 x

148 mm to 297 x 432 mm)

PT-430 Paper tray: 250 sheets face-up output tray

Memory

Printer memory: 1 DDR SDRAM DIMM slot (64, 128, 256 or

512MB)

Storage memory: 1 slot for either CompactFlash® memory

card type 1 (up to 2GB) for forms, fonts, logos, macro storage

or Microdrive™ (up to 4GB) for forms, fonts, logos, macro

storage as well as document management with eMPS

functions such as quick copy, proof and hold, private print

and job storage.

1 USB Host Interface (USB 1.1) for USB Flash Memory device

supports PDF direct printing

Optional interface

IB-23 Network card: 10Base-T/100Base-TX

IB-11 Serial interface: RS-232C serial interface

PS159: Wireless LAN (802.11b/g)

PS1109 Gigabit Ethernet:

10Base-T / 100Base-TX / 1000Base-T (RJ-45)

PS129 Fibre Optic: 100BaseSX (SC)

PS1129 Gigabit Fibre Optic: 1000BaseSX (SC)

CONSUMABLES

TK-310/TK-320/TK-330/TK-440 Toner-kit: Microfine toner for

12,000/15,000/20,000/15,000 pages in accordance with

ISO/IEC 19752

Capacity of starter toner in accordance with ISO/IEC 19752:

FS-2000D: 6,000 pages/FS-3900DN: 7,500 pages/

FS-4000DN: 10,000 pages/FS-6950DN: 7,500 pages

WARRANTY

2-year warranty as standard. Kyocera guarantees the drum

and developer for 3 years or 300,000 pages (whichever

occurs sooner), provided each printer is used and cleaned in

accordance with the service instructions.

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

MODEL CONFIGURATIONS

FS-2000DN (FS-2000D + Network card: 10Base-T/100Base-TX)



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