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. The drum is integral to the printer; only the toner cartridge has to be replaced. This lessens material wastage, reduces pollution and minimises environmental impact.

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.

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.

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 this refined, you'll be free to concentrate on running your business, not your printers.

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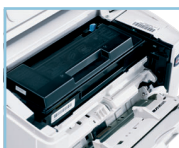
Space-saving design
A compact design ensures that even with additional paper trays, these printers still have a remarkably small footprint.

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 the 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.

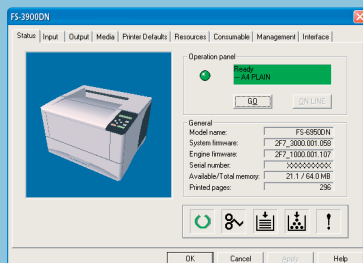### FS-4000DN

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 large-format printing up to A3 , this fast and flexible printer offers an expandable paper capacity and can accommodate increases in memory, especially helpful for CAD and DTP environments.

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.

MAX. PAPER SIZE	SPEED (A4 pages per minute)	MEMORY	PROCESSOR	PAPER INPUT	PAPER OUTPUT
A4/legal	30	64MB standard 576MB max.	PowerPC 440 (400 MHz)	600 sheets standard 1,100 sheets max.	250 sheets face-down
A4/legal	35	64MB standard 576MB max.	PowerPC 750 (400 MHz)	600 sheets standard 2,500 sheets max.	500 sheets face-down 250 sheets face-up (option)
A4/legal	45	128MB standard 640MB max.	PowerPC 750 (500 MHz)	600 sheets standard 2,500 sheets max.	500 sheets face-down 250 sheets face-up (option)
A3/ledger	32	64MB standard 576MB max.	PowerPC 750 (400 MHz)	350 sheets standard 1,350 sheets max.	250 sheets face-down 250 sheets face-up (option)

USB DIRECT PRINTING

To offer unbeatable convenience for visitors, Acrobat PDF files can be printed directly from USB Flash Memory devices. Visitors simply plug the device into the printer's USB port and print their documents. Sensitive documents can be printed while you stand by the printer so there's no risk of confidential documents being seen by the wrong people.
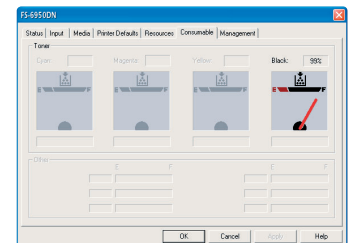
USER-FRIENDLY LCD DISPLAY

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 to the right so it is always accessible but never in the way – leaving you lots of space to work quickly and efficiently.

ENVIRONMENTALLY FRIENDLY

As part of Kyocera's commitment to the environment, this new generation of printers employs ozone-free technology. Generally, printers create ozone due to negative main charge systems. Kyocera has eliminated ozone creation by adopting the world's first positive main charge roller system. In order to maintain the longevity of this system while keeping print quality high, a fine brush automatically cleans the roller on every pass.

INTELLIGENT TONER LEVEL MONITOR

The amount of toner remaining 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 spherical, 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.
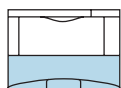
CUSTOM PAPER HANDLING FOR ANY OFFICE

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 reducing paper consumption. On the output side, each printer is equipped with 'tray full' sensors for face-down output, preventing the output tray from overflowing.
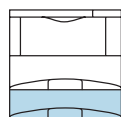
FS-2000D/FS-2000DN

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

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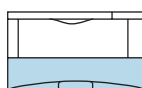Add an extra 500-sheet universal cassette for demanding workgroups.

FS-6950DN

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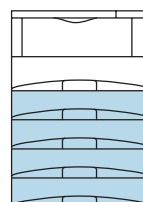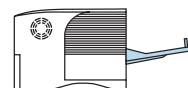One 250-sheet universal paper cassette plus one multipurpose tray.

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

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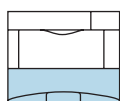Add a 250-sheet face-up tray for heavier paper, envelopes and labels.

Standard configuration   **PF-310**   **Standard configuration**   **PF-430**   **PT-430**
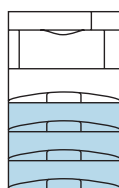
FS-3900DN/FS-4000DN

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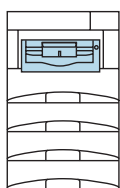One 500-sheet universal paper cassette plus a 100-sheet multipurpose tray.

Flexibility
Add up to three extra 500-sheet universal cassettes for demanding workgroups.
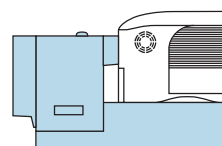
Envelope printing
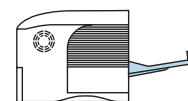Add an envelope feeder that holds various shapes and sizes up to 100 envelopes.

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

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

Standard configuration   **PF-310**   **EF-310**   **PF-315 with PB-315**   **PT-310**

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)

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

A4/A3 MONOCHROME WORKGROUP PRINTER RANGE

ECOSYS devices are designed to minimise both direct costs, such as consumables, and indirect costs, such as maintenance and administration. 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 less for you and the environment.

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 Kyocera's page design and control language, PRESCRIBE II, complex graphics, logos and forms (even multipart forms) can be created on any system and stored in the printer. They can be recalled from the printer's memory as needed, avoiding network congestion.

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 network connection. KM-NET Viewer is an advanced printer management software tool using 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: 23 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, PTS
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, 60-120 g/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, 60-220 g/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 supports A4, A5, B5, Letter, Legal, 60-120 g/m²
FS-6950DN: Duplex as standard supports A3–A5-R, 60-120 g/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 / 400 MHz
FS-3900DN/FS-6950DN: PowerPC 750 / 400 MHz
FS-4000DN: PowerPC 750 / 500 MHz
Memory:
FS-2000D/FS-3900DN/FS-6950DN: Standard 64 MB + ECOmemory, max. 576 MB in 1 DIMM slot
FS-4000DN: Standard 128 MB + ECOmemory, max. 640 MB in 1 DIMM slot
Emulations: PCL6/PCL5e incl. PJL, KPDL 3 (PostScript 3 compatible), PDF direct print, Line Printer, IBM Proprinter X24E, Epson LQ-850, Diablo 630, KCGL (HP 7550A)[1]
[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, PDF direct printing, 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-TX[2], 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, 60-120 g/m², A4, A5, B5, Letter, Legal, Custom (148 x 210 mm to 216 x 356 mm)
CB-310 High Printer cabinet: Desk with storage capacity
CB-315 Low 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, 60-120 g/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 512 MB)
Storage memory: 1 slot for either CompactFlash® memory card type 1 (up to 2 GB) for forms, fonts, logos, macro storage or Microdrive™ (up to 4 GB) 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-30 Network card (only FS-2000D): 10Base-T/100Base-TX
IB-21E Network card: 10Base-T/100Base-TX
SB-50 Network card: 10Base-FL, FibreLink
SB-60 Network card: TokenRing STP/UTP
SB-70 Network card: Wireless LAN – IEEE 802.11b
SB-110FX Network card: 10Base-T/100Base-TX/100Base-FX, FibreOptic
IB-11 Serial interface: RS-232C serial interface (max. 115.2 kbps)

CONSUMABLES

TK-310/TK-320/TK-330/TK-440 Toner-kit: Microfine toner for 12,000/15,000/20,000/15,000 pages with 5% coverage (ISO/IEC 19752)
Capacity of starter toner with 5% coverage (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 return to base (on-site for FS-6950DN) 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.

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

Your Kyocera Business Partner:

05/06-01

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