



-  print
-  copy
-  scan
-  fax

# FS-9100DN/FS-9500DN

## Reliable, affordable, high-volume printing

Whether you require fast and efficient printing for high-volume production runs or advanced functionality from your departmental printer, both the FS-9100DN and FS-9500DN can deliver with ease.

Network connectivity and double sided printing are provided as standard. Add this to the Fast 1200dpi resolution, which gives you 1200dpi printing at the same speed as 600dpi, and you have unbeatable performance in both quality and speed. With ECOSYS technology built-in, you will also benefit from by far the lowest running costs of any comparable laser printer - guaranteed.

From their high degree of network compatibility through to their long-life components, the FS-9100DN and FS-9500DN are designed to remain operational day after day, week after week, month after month, year after year.



- 36ppm A4 & 19ppm A3 / 50ppm A4 & 26ppm A3 high-volume laser printers (FS-9100DN/9500DN)
- Double-sided printing (duplexing) plus 10/100BaseTX networking as standard
- 600dpi laser technology (1200dpi with KIR2)
- 2 x 500-sheet paper feeder and 200-sheet multi-purpose feeder
- Fast 350MHz/400MHz PowerPC processors (FS-9100DN/9500DN)
- 180,000/240,000 maximum duty cycle (FS-9100DN/9500DN)
- Long-life drum and developer guaranteed for 500,000 pages or 3 years
- Two years on-site warranty as standard



## Do it **your** way

To enable you to produce large print runs with ease and increase your document finishing options both the FS-9100DN and FS-9500DN have been built with flexibility in mind.

Both printers can incorporate an extensive range of paper handling options to suit your needs, now and in the future. Simply add to your options to meet your current or future requirements, making your life that little bit easier.

# FS-9100DN/FS9500DN

## The ECOSYS choice

ECOSYS technology combines everything you expect from a high-quality laser printer...with a little bit more.

ECOSYS award winning laser printer technology has been used in organisations worldwide for 10 years. And through expert application, ECOSYS is able to combine environmental awareness with outstanding modularity and networkability whilst offering the lowest consumables cost on the market. In fact, if you don't save money on your consumables, your printer is free – visit [www.kyoceramita.co.uk/moneyback](http://www.kyoceramita.co.uk/moneyback) for details of our unique money back guarantee.

- **ECO**nomy

A crucial element is the use of long-life components - and high yield toner cassettes - to reduce the number of replacements. Delivering significantly lower costs for the user, up to two thirds less, compared to cartridge-based systems still used in other printers.

- **ECO**logy

At all points of the production, maintenance, and ultimate disposal process, Kyocera Mita aims to reduce the environmental impact of its actions. This has resulted in the development and application of recyclable parts, reduced toxic emissions, and long-life components such as the drum.

- **SY**Stem printing

As always, Kyocera Mita prioritises the delivery of problem-free performance in any network environment. The result is unbeatable network connectivity and paper handling flexibility, enhanced by our patented KM-Net Viewer technology.



*ECOSYS*

## Documents on demand

By installing the optional hard disk a range of enhanced print functions become accessible to help save you both time and money. Allowing instant and easy access via the driver and front panel, these powerful job management functions make printing more flexible and convenient than ever before.

- [Quick copy](#)

Specify a print job and choose the number of copies you wish to print, eliminating the need to resend a document from your PC, thereby reducing network traffic.

- [Proof-and-hold](#)

There's nothing worse than completing a print run only to find that because it contains an error, you have to print it all again.

Save on paper, toner, time and labour with proof-and-hold. Printing is automatically halted so that the first set can be checked before choosing to continue printing from the front panel.

- [Private print](#)

Ensure confidentiality by entering a PIN number, specified by the printer driver, on the front panel to begin printing. As a further security feature, print data will automatically disappear from the hard disk after printing.

- [Virtual mail box](#)

Similar to private print, this PIN-activated function gives you the control to access and delete confidential data when you chose, as it is permanently stored on the hard disk.



- [Job storage](#)

Enables shared data from a variety of software applications to be stored centrally and accessed from the hard disk by means of a shared password.

- [Rip once – print many](#)

Information is transferred just once on to the printer hard disk, however many copies you wish to print. This frees up both your PC and overall network capacity for other operations.

- [Barcode reader](#)

Quickly retrieve print jobs by simply scanning an assigned barcode. The required document will print at full engine speed without having to use a PC.



## Connect and forget

Both the FS-9100DN and FS-9500DN are network ready as standard, enabling them to link seamlessly to almost any network environment. With such easy installation, you can get to work immediately.

- **Easy administration**

Keep one step ahead of the game by monitoring all your network printers from one PC with KM Net Viewer. This network administration tool enables you to constantly monitor the status of every printer on the network, including those from other vendors.

As well as receiving real-time messages should there be a problem of any kind, you can plan totally efficient ordering and stocking of toner and paper.

- **Remote operation**

With the Remote Operation Panel (ROP) utility you'll no longer need to walk over to the printer to check its status or change your printer settings. You'll be notified immediately on screen when toner is low or when paper cassettes need topping up.

- **Prescribe**

In addition to industry standard emulations, all Kyocera Mita products support Prescribe, the world's most flexible and efficient Printer Control Language.

Put simply, Prescribe enables form templates, logos and signatures to be stored in a printer. They can then be accessed and altered to suit the needs of individual users.

This has many advantages in terms of not having to rely on pre-printed forms whose storage, transport and disposal add costs. And in networking terms, storing all this information on the printer reduces the potential congestion caused by large print files.



## Enhanced document output

With two optional finishers the FS-9100DN and FS-9500DN can add the desired professional finishing touches to all your documents.

- **High capacity finisher**

The 3,250-sheet document feeder (DF-71) not only sorts and staples your document output, but it can also hole punch it as well. This high capacity document finisher allows high volume printing at the same speed as normal printing, without the need to frequently empty the output tray.



High capacity finisher (DF-71) shown with 3,000 sheet paper feeder (PF-75)

- **Booklet finisher**

The booklet finisher (DF-75) enables you to produce high quality professional material with ease. It incorporates sorting, stapling, folding and saddle-stitching with the added option of hole punching, everything you need to create a professional image.



Booklet finisher (DF-75) shown

- **Reverse unit**

The optional reverse unit (RA-1), for use with the booklet finisher, allows fast face-down output, giving you your documents in the correct order and at fast speed.

- **Printing without interruption**

With flexibility in mind both printers offer two types of optional paper feeder.

For high-volume users, the 3000-sheet feeder is ideal for large uninterrupted A4 print runs. For users who need more versatility, the 500-sheet twin bins fit the bill, allowing two different paper sizes or different media to suit your needs.

## Office printing doesn't have to cost the earth

The high yield toner cassettes provide anywhere between 10,000 and 20,000 pages (per cassette) **more** than comparable models, saving you time, energy and money.

Kyocera Mita drums, meanwhile, last up to 25 times longer than other drums! In fact, the use of long-life components means up to seven times fewer replacements than other available products, reducing costs by up to two-thirds.

### Save time as well as money

We use the same drivers and controllers across our product line up. This means when new Kyocera Mita products are installed, you won't have to spend time learning how to use them.

- **Peace of mind**

With a FREE two year on-site warranty as standard and a three year or 500,000 page guarantee on the long-life drum and developer, your long term investment is secured.



# FS-9100DN FS-9500DN

## FS-9100DN

Print speed	36ppm A4 – 19ppm A3
Time to first print	< 7 seconds
Processor	PowerPC750CX 350MHz
Maximum duty cycle	180,000 pages in a month
Average duty cycle	10,000 pages a month

## FS-9500DN

Print speed	50ppm A4 – 26ppm A3
Time to first print	< 5 seconds
Processor	PowerPC750CX 400MHz
Maximum duty cycle	240,000 pages in a month
Average duty cycle	14,000 pages a month

## Printer

Resolution	600dpi, 1200dpi with KIR2 (fast or fine mode)
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## Memory

Standard system RAM (DIMM)	32MB
Maximum RAM (DIMM)	288MB
Font ROM	4MB

## Printer control languages

Standard emulations	PCL 6 (P/L), Diablo 630, IBM Proprinter X24E, Epson LQ850, Line printer, KC-GL, and PostScript Level 3 (KPD/L3)
Controller language	Prescribe IIe

## Resident Fonts

Scalable/bitmapped typefaces	80 outline (PCL5e/XL) 136 outline (KPD/L3)
Downloadable fonts	Kyocera, HP and True Type 1 font formats
Internal barcodes	45 barcodes, plus two-dimensional bar-code (PDF-417)
Other	International character set and Euro symbol

## Standard Interfaces

Parallel	Bi-directional parallel (IEEE 1284 Nibble/ECP mode)
Serial	RS-232C
Network	10/100Base-TX internal Ethernet interface

## Paper Handling

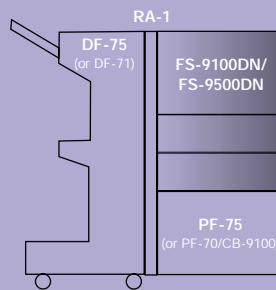
Standard paper input	2 x 500-sheet paper cassette (@ 80gsm). 200-sheet multi-purpose feeder (@80gsm)
Paper size support	Paper cassettes: A3, A4, B4, B5, A5, folio, letter, legal, and custom (88 x 148mm to 297 x 450mm) Multi-purpose tray: A3, A4, B4, B5, A5, folio, letter, legal, and custom (88 x 148mm to 297 x 450mm)
Paper specification	60-105gsm: Plain paper, recycled paper, thick paper 60-200gsm: Laser safe transparencies, labels envelopes and postcards fed from multi-purpose feeder
Paper output	500-sheets face-down with paper full sensor (@80gsm)

## Basic Specification

Dimensions (mm)	585(H) x 639(W) x 615(D)
Weight	68kg
Standard printer page life	500,000 pages
Ozone emission	<0.02 parts per million (Blue Angel standards)
Noise level	<53dB operation, <38dB standby (FS-9100DN) <58dB operation, <42dB standby (FS-9500DN)
Power consumption	1400W max. 825W printing, 220W standby (FS-9100DN) 1400W max. 790W printing, 200W standby (FS-9500DN)
ECOPower (sleep) mode	35W
Power	220-240V 50/60Hz

# Mix and match

your options to suit your needs



Part Numbers for ordering:

PF-70	2 x 500-sheet universal paper cassette
PF-75	3,000-sheet A4 paper feeder
DF-71	3,250-sheet sorter/collator
DF-75	1,000-sheet stacker/booklet finisher
RA-1	Reverse unit for DF-75
AK-70P	Attachment kit for DF-71/DF-75
PH-2B	2-hole punch unit for DF-75
PH-2C	4-hole punch unit for DF-75
CB-9100	Metal cabinet

For further options and configurations visit:

[www.kyoceramita.co.uk/products](http://www.kyoceramita.co.uk/products)

## Consumables

Toner kit	TK-70 – 40,000 A4 pages @ 5% coverage Free starter toner – 24,000 A4 pages @ 5% coverage
Toner composition	Mono component magnetic toner
Maintenance kit	MK-700/MK-701 – 500,000 A4 pages (FS-9100DN/FS-9500DN)

## Options

Paper feeder	PF-70 – 2 x 500-sheet universal paper cassette (1 unit maximum)
High capacity paper feeder	PF-75 – 3,000-sheet high-capacity A4 paper feeder (requires AK-70P)
High capacity finisher (with punch)	DF-71 – 3,250-sheet sorter/collator stapler with 4 hole-punching facility (requires AK-70P) DF-75 – 1,000-sheet stacker/booklet finisher (requires AK-70P)
Booklet finisher	PH-2B – 2-hole punch unit for DF-75 PH-2C – 4-hole punch unit for DF-75
Punch unit (2-hole)	RA-1 – reverse unit for DF-75
Punch unit (4-hole)	AK-70P – attachment kit required for DF-71/DF-75 finishers
Reverse unit for DF-75	CB-9100 – metal cabinet (replaces 1 x PF-70 or PF-75)
Attachment kit	DIMM-xxxMB - 16, 32, 64, 128MB DIMM per slot (2-slots)
Cabinet	CF-8 - 8MB compact flash card
Upgrade memory	HD-3 - 3.2GB hard disk
Compact flash card	BC-1 – Barcode reader (requires HD-3)
Hard disk	
Barcode Reader	

## Network Interfaces

10/100BaseTX Ethernet comes as standard with the FS-9100/9500DN. If you have a requirement to connect to another network you can add another network card (2 maximum).

Fast Ethernet SB-110 – Multi-protocol 100BaseTX Ethernet interface card  
Token Ring SB-60 – Multi-protocol 4/16Mbit Token ring (STP/UTP) interface card  
Fibre optic SB-110FX – Multi-protocol 100BaseFX fibre optic interface card  
Fibre optic SB-50 – Multi-protocol 10BaseFL fibre optic interface card

Multi-protocol network cards support the following operating systems:  
Novell Netware 3.x, 4.x, 5.x, UNIX, BS2000, Apple Systems 7.x, 8.x Windows 95, 98, ME, 2000, Windows NT 3.x, 4.x

And the following protocols: IPX/SPX (NDS, Binary, R/PRINT), TCP/IP (BOOTP, DHCP, RARP, ARP, IP, UCMIP, UDP, TCP, FTP, TFTP, LPD), WINS, SNMP, SMTP, Ethernalk/TokenTalk Phase 2, HTTP / HTML

## Warranty

Standard two-year on-site. Optional ECOShield on-site warranty, up to 3 years available



Need to know more? Visit: [www.kyoceramita.co.uk](http://www.kyoceramita.co.uk)

## Cartridge-free printing technology

ECOSYS printers utilise long-life drum and developer technology, which requires minimal attention. Proper care and maintenance of your ECOSYS printer will result in continued high performance and significant cost savings. Full instructions are included in each toner pack. Kyocera Mita provides a guarantee for the drum and developer of 500,000 A4 pages or for three years whichever comes first and provided each printer is cleaned in accordance with the service instructions.



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