

- ➔ print
- ➔ copy
- ➔ scan
- ➔ fax

WORKGROUP PRINTING

FS-1900/FS-1800+/FS-3800

Want a reliable A4 workgroup printer that delivers outstanding performance and value? Then look no further.

With their rugged build quality, fast processing speeds, versatile paper handling options and **guaranteed** low total cost of ownership, you will find the perfect match for all your needs from Kyocera Mita's range of workgroup printers.

Make that choice safe in the knowledge that you have made the right decision. Why? Kyocera Mita's innovative ECOSYS technology has been on the market for over 10 years. By investing in a quality printer you will obtain outstanding 1200dpi print quality, reliability and future-proof modularity. Plus, toner is all you replace so running costs and environmental impact is kept to an absolute minimum.

Unique money back guarantee

We're so confident that these printers offer unbeatable value for money that if you don't save money on your consumables, the printer is free.

www.kyoceramita.co.uk/moneyback



FS-1900

Unbeatable 18ppm printer for small workgroups



FS-1800+

Performance and quality for workgroups, delivering print speeds of up to 18ppm



FS-3800

24ppm workgroup printer offering speed and flexibility in a compact design



Do it your way

Mix and match your options to design your printer to meet your needs, whether it's high-volume, sorting and collating, or shared workgroup printing. Let your printer grow with your needs.

WORKGROUP PRINTING

- **FS-1900**

Smaller or perhaps less demanding workgroups where reliability and userfunctionality are important but volumes may be lower (less than 60-70 pages per day), the FS-1900 provides an ideal solution with its lower purchase price and low overall costs compared to alternative manufacturers.

- **FS-1800+/3800**

For busier or larger workgroups where greater numbers of users or higher volume workloads demand performance and even greater functionality, the FS-1800+ and FS-3800 have been designed not only to meet all these demands reliably but to deliver unbeatable cost savings with every page printed...guaranteed.



	Speed	Workgroup size	Average page count/day
FS-1900	18ppm	Low usage	60-70
FS-1800+	18ppm	Busy	200
FS-3800	24ppm	Large, busy workgroups	300

Key Features

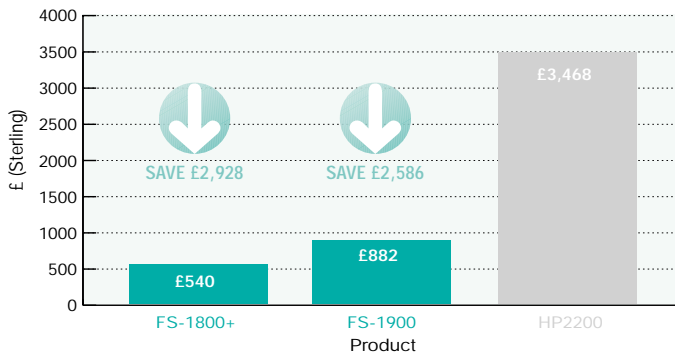
- 24ppm/18ppm laser printers (FS-3800/FS-1800+ & FS-1900)
- 1200dpi laser technology
- 500-sheet paper feeder and 100-sheet multi-purpose feeder as standard
- Ultra-fast 200MHz PowerPC processors
- 16MB RAM/8MB RAM (FS-1900 & FS-3800/FS-1800+)
- Six emulations including PCL6 and PostScript Level 2 as standard
- 100,000/65,000 maximum duty cycle in a month (FS-3800/FS-1800+ & FS-1900)
- Up to 3 additional paper feeders, 2100 sheet max input capacity
- Optional top-mounted, 5-bin sorter/mailbox and duplex unit
- Software solutions – bi-directional driver, memory sort, virtual mailbox, print by barcode, job retention
- Long-life drum and developer guaranteed for 300,000 pages or 3 years
- **TWO YEARS WARRANTY AS STANDARD**



Ecosys

Saving money

- **Consumables cost over 3 years**
(based on 5k pages per month throughput at 5%+RRP)



- **The ECOlogical choice with ECOSYS**

The ground breaking design of the long-life drum and developer ensure reliability and low maintenance operation for 300,000 pages, as well as reducing waste and minimising environmental impact. Our unique drum and developer guarantee means that if it does fail within 300,000 pages or three years, we'll replace it free of charge. When your printer runs out of toner you replace just the toner – reducing your running costs as well as being eco-efficient, enabling you to print an A4 page for as little as 0.3p*. Far less per page than any other laser in its class.

*At 5% page coverage based on (TK-60) RRP



- **Easy administration**

KM Net software suite, included as standard with every printer, provides time critical fault diagnostics over your network. Keep one step ahead of the game by monitoring your network printers from one PC, combining advanced features for Kyocera Mita printers and open functionality for other manufacturers' printers, increasing management efficiency in mixed printer environments*.

*KM Net Viewer is compatible with Windows NT, Windows 95/98/2000

Tailor-made configurations

- **Network version (FS-xxxxN)**

Connect to the network and make your printer work for the group with an internal 100BaseTX network card (and additional 16MB of memory with the FS-1800+/3800).

- **Twin cassette version (FS-xxxxT)**

Increase your input capacity, with an additional 500-sheet paper tray, to a maximum of 1,100 sheets.

- **Twin cassette networked version (FS-xxxxTN)**

Network capability and an additional paper tray make this configuration ideal for workgroups. Includes 100BaseTX network card, additional 16MB of memory and a second 500-sheet paper tray.



- **High capacity options**

When your printing requirements demand thicker paper, light card, laser labels, or envelopes in large volumes, Kyocera Mita has the perfect solution. The high-capacity paper handling options, managing up to 2,000-sheets unattended, will fit the bill.



- **Step up - departmental**

Do you need a higher paper capacity for your printer?
Do you need a higher level of professional output, booklet finishing for example?
Or do you just need A3 printing capabilities?
If so then take a look at our departmental range of printers and copiers.



Unique technology



Documents on demand

Hard disk – a range of powerful job management functions become available with the installation of a hard disk:

- **Quick copy** – simply specify the job and number of copies on the front panel
- **Proof-and-hold** – check one print, and then specify printing of the remaining copies from the front panel
- **Private print** – ensuring confidentiality by entering a user PIN number (specified by the printer driver) on the front panel
- **Stored jobs** – print when needed by selecting the stored job from the front panel

- **Hard copy fusion**

Kyocera Mita have extended their innovative technology to provide a cost-efficient, high-performance digital copier and multi-function product offering.

So whether you need to print only or print, copy, scan to file and fax, there are single-function and multi-function devices in our extensive range to suit your needs.

Barcode reader – no need to switch on your PC to print. The unique barcode reader enables document storage to the printer's optional hard disk (MDD-1). Simply scan the barcode and your documents are printed at high-speed. (Not available on the FS-1900)



- **Get what you want**

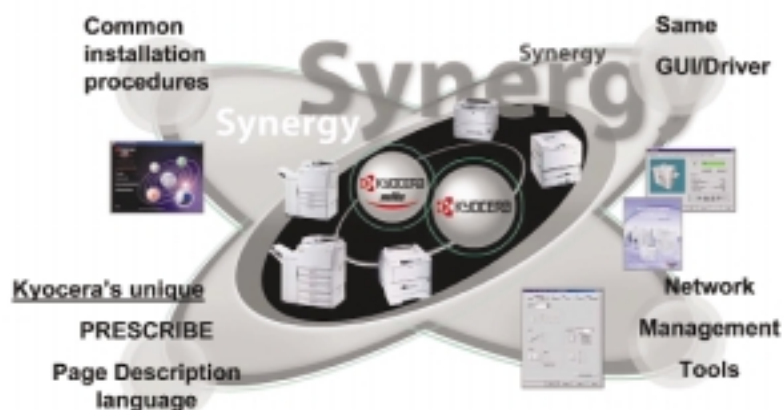
With an extensive choice of paper handling and networking options, our range of workgroup printers provide for all your needs. The FS-1900 goes one step further. This small workgroup printer is designed to fit into any workplace. Since no two users are alike, in either PC configuration, or operating system, the FS-1900 features a USB interface as standard. The USB interface allows the FS-1900 to work seamlessly with operating systems that support USB including Windows and Macintosh so life doesn't need to be complicated.

- **Advanced technology**

All Kyocera Mita printers and copiers are designed and manufactured by Kyocera Mita. As a result, they offer total compatibility in controller, driver and management software, making it easier than ever to install and manage different types of document devices on your network.

With our innovative ECOSYS technology, we have introduced long-life drums and developers that are unique to Kyocera Mita printers. In turn, that technology has come full circle, with the same long-life technology applied to copiers – ensuring minimised downtime for maximised return on investment.

Whether single- or multi-functional, our hard copy devices cost less to run than those from other vendors, without any compromises in reliability, network compatibility or performance.



WORKGROUP MULTIFUNCTIONS

- Have you seen our digital copier and multi-function range?

To complement the printer range, our digital workgroup copiers range from 15 to 20 pages per minute. If copying functionality is your only requirement, the KM-1525 is the most cost effective solution for you. However, if you need more paper handling options and the ability to copy, print, scan to file and fax from a multi-function copier then the KM-2030 will provide for all your needs.

multifunctional digital copiers

15cpm A4 digital copier/printer



KM-1810P

- Optional paper trays to extend input capacity



15cpm A3-capable digital copier



KM-1530 with optional print system

- Optional paper trays to extend input capacity
- Automatic document feeder for increased efficiency
- Copier functionality as standard



20cpm A3-capable digital copier



KM-2030 with optional print, scan and fax systems

- Optional paper trays to extend input capacity
- Automatic document feeder for increased efficiency
- Copier functionality as standard

single-function digital copiers

15cpm A4 digital copier



KM-1810

- Optional paper trays to extend input capacity



15cpm A3-capable digital copier



KM-1525

- Optional paper trays to extend input capacity
- Automatic document feeder for increased efficiency



To find out more visit: www.kyoceramita.co.uk/products

Workgroup Printing

FS-1900

Print speed 18ppm
Time to first page <9.5 seconds
Processor PowerPC405 (200MHz)
Standard memory (max) 16MB (144MB)
Maximum duty cycle 65,000 in a month

FS-1800+

Print speed 18ppm
Time to first page <9.5 seconds
Processor PowerPC405 (200MHz)
Standard memory (max) 8MB (264MB)
Maximum duty cycle 65,000 in a month

FS-3800

Print speed 24ppm
Time to first page <9 seconds
Processor PowerPC740 (200MHz)
Standard memory (max) 16MB (272MB)
Maximum duty cycle 100,000 in a month

Printer

Resolution Fast 1200dpi (FS-1900) / Fine 1200dpi (FS-1800+/3800)

Memory

Font ROM 2MB
Memory slots 1 DIMM slot (FS-1900)
2 DIMM slots (FS-1800+/3800)

Printer control languages

Standard emulations PCL 6, Diablo 630, IBM Proprinter X24E, Epson LO-850, Line printer, and PostScript Level 2 (KPDLL2) emulations
Controller language Prescribe IIe

Resident fonts

Scalable/bitmapped typefaces 80 outline (PCL5e/XL/KPDL2)
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

Standard connectivity Bi-directional parallel (IEEE 1284-compliant), RS232 serial interface (FS-1800+/3800)
Bi-directional parallel (IEEE 1284-compliant), USB interface 1.1 (FS-1900)
High speed option
KU10-LV

Paper handling

Paper input Standard 500-sheet A4 paper cassette with paper gauge (80gsm). Option 500-sheet A4/Legal paper cassette with paper gauge (80gsm) 100-sheet multi-purpose feeder (80gsm)
Paper size support Standard cassette (A4): A4, A5, B5 and custom (210 x 148mm to 216 x 297mm)
Option cassette: (A4/legal): A4, A5, B5, letter, legal and custom (210 x 148mm to 216 x 356mm)
Multi-purpose feeder: 70 x 148mm to 216 x 297mm.
Paper specification 60-105gsm: Plain paper, recycled paper, thick paper 60-200gsm: via multi-purpose feeder laser safe transparencies and labels fed from multi-purpose feeder
Envelopes and postcards fed from multi-purpose feeder or optional EF-60 envelope feeder
Paper output 250 sheets face-down with paper full sensor (80gsm)
250 sheets face-up with optional PT-4 or PT-60 output tray (80gsm)

Basic specifications

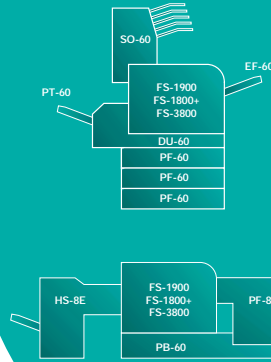
Dimensions (mm) 300(H) x 345(W) x 390(D)mm
Weight 13kg
Standard printer page life 300,000 pages
Maintenance interval MK-63 (300,000 A4 pages) (FS-1800+)
MK-61 (300,000 A4 pages) (FS-3800)
Extended printer page life 900,000 pages (using maintenance kits)
Ozone emission <0.02 parts per million
Noise level <53dB operation, <35dB standby (FS-1800+)
<57dB operation, <39dB standby (FS-3800)
Power consumption 961W max. 382W printing. 15W stand-by (FS-1900)
961W max. 383W printing. 17W stand-by (FS-1800+)
972W max. 499W printing. 126W stand-by (FS-3800)
ECOPower (sleep) mode 11W after user-definable period (FS-1900)
14W after user-definable period (FS-1800+/3800)
Power 220-240V 50/60Hz

Consumables

Toner kit TK-50 - 10,000 A4 pages @ 5% coverage (FS-1900)
TK-60 - 20,000 A4 pages @ 5% coverage (FS-1800+/3800)

Mix and match

your options to suit your needs



Part numbers for ordering

PF-60 500 sheet paper feeder
DU-60 Duplex unit
SO-60 5-tray top-mounted sorter/collator/mailbox
PF-8E 2000 sheet paper feeder
HS-8E 2000 sheet output stacker
PB-60 Printer base (required for PF-8E)

For further options and configurations visit:
www.kyoceramita.co.uk/welcome

Options

Power envelope feeder EF-60 - Envelope feeder, stacks up to 40mm
Paper feeder PF-60 - 500-sheet A4/Legal paper cassette
Three units maximum
DU-60 - Double sided printing
Document sorter SO-60 - Top mounted sorter/collator, 5 x 200-sheet trays (60-105gsm)
High-capacity paper feeder PF-8E - 2,000-sheet motorised paper feeder, requires PB-20. (60-200gsm)
High-capacity paper stacker HS-8E - 2,000-sheet face-up output stacker, requires PB-60 (60-200gsm)
Printer base PB-60 - Printer base for high-capacity options (PF-8E or HS-8E)
Rear output tray PT-4 - 250-sheet, face-up rear output tray (attaches to printer). PT-60 - 250-sheet, face-up rear output tray (attaches to duplex)
Upgrade memory DIMM-xxxMB - 16, 32, 64, 128MB DIMM per slot (2-slots)
Compact flash CF-8 - 8MB Compact Flash card
Hard disk MDD-1 - 340MB Microdrive Hard Disk
Barcode reader BC-1 - Barcode reader (attaches to serial interface - not available on the FS-1900)
Network interface IB-10E - Internal RS-232C/422A serial interface (one KUIO interface slot). FS-1900 only.

Connectivity Options

Upgrade your printer to support the needs of a small workgroup simply with the addition of an internal or external network interface.

Fast Ethernet SB-110 Internal multi-protocol 10/100BaseT Ethernet interface
Fast Ethernet XB-110 External multi-protocol 10/100BaseTX Ethernet interface
Fast Ethernet XB-310 Multi-protocol 10/100BaseTX Ethernet Multiport server box
Token Ring SB-60 Internal multi-protocol 4/16Mbit Token Ring (STP/UTP) interface
Fibre Optic SB-110FX Internal multi-protocol 100BaseFX Fibre Optic interface
Fibre Optic XB-310FX Multi-protocol 10/100BaseTX and 100BaseFX Ethernet Multiport server box
Fibre Optic SB-50 Internal multi-protocol 10BaseFL Fibre Optic interface
Fibre Optic XB-350 Multi-protocol 10/100BaseTX and 10BaseFL Ethernet Multiport server box
Wireless LAN SB-70 Multi-protocol 11Mbit Wireless LAN internal interface
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, P/NPRINTER), TCP/IP (BOOTP, DHCP, RARP, ARP, IP, UCMP, UDP, TCP, FTP, TFTP, LPD), WINS, SNMP, SMTP, EthernTalk/TokenTalk Phase 2, HTTP/HTML

Warranty

Standard Two year return-to-base
Optional ECOShield on-site warranty up to 3 years available.



Need to know more? Visit: www.kyoceramita.co.uk

Cartridge-free printing technology

ECOSYS printers utilise long-life drum and developer technology which requires minimal attention. Apart from paper dust removal, all that is needed is a quick wipe of the main charger unit with our special cleaner each time toner is replenished. 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 3 years or 300,000 pages (whichever occurs sooner) provided each printer is cleaned in accordance with the service instructions.

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