

FS-720, FS-820 & FS-920

**Empower your desktop with high performance,
professional printers**

Manufacturer: Kyocera Mita

Manufacturer part numbers: FS-720 / FS-820 / FS-920

Available from: 1st March 2005



FS-720

The FS-720 is a 16ppm compact and low-noise desktop printer with easy connection via USB interface. It is equipped with the Host Based Printing System, which takes advantage of the excellent performance of your PC by utilising its power to rasterise the documents. By providing efficient use of the latest PC technology, this system can boost the printing speed of complex documents. Kyocera's unique ECOSYS technology delivers high quality at high speeds with a cartridge-free design to minimise running costs. And what's more, with its extremely durable components, the FS-720 ensures you make long-term gains.

- 16 pages per minute with 600 dpi quality
- 250-sheet closed paper cassette with paper gauge
- Easy connection via USB interface
- Host Based Printing System for MS Windows
- Low noise level (49 dB (A))
- Robust and reliable compact design by F.A. Porsche
- Long-life technology, lowest CPP in its class

FS-820

The FS-820, with a speed of 16ppm, has powerful and flexible print controller technology that delivers quality output independent of PC performance. The FS-820 comes with PCL 6, which guarantees high compatibility with office applications and long-term use in many system platforms. As Kyocera's entry product for the common software platform, it is also equipped with PRESCRIBE, a CompactFlash® card slot for electronic forms and barcode printing. Moreover, it has USB and parallel interfaces offering high flexibility and the possibility of sharing the printer, thereby achieving greater efficiency by saving office space. Our unique ECOSYS technology delivers high quality at high speeds with a cartridge-free design to minimise running costs.

- 16 pages per minute with 1,200 dpi quality
- 250-sheet closed paper cassette with paper gauge
- Easy connection with USB and parallel interface
- PCL 6 emulation and PRESCRIBE IIe
- Powerful controller with 16MB RAM as standard
- Low noise level (49 dB (A))
- Robust and reliable compact design by F.A. Porsche
- Long-life technology, lowest CPP in its class

FS-920

The FS-920 is an 18ppm robust, compact, and low-noise desktop printer. In addition to Kyocera's own controller language PRESCRIBE, the FS-920 comes with PCL 6 and PostScript 3 emulation to enable best performance in MS Windows as well as in Apple or Linux environments. This optimises the output of diverse documents with graphical elements. The powerful 266 MHz CPU enables efficient, speedy processing of printing data that saves time on even the most complex documents. And what's more, with its cartridge-free design and durable components, the FS-920 ensures you make long-term gains.

- 18 pages per minute with 1,200 dpi quality
- 250-sheet closed paper cassette with paper gauge
- Easy connection with USB and parallel interface
- 6 emulations (incl. PCL, PS 3) and PRESCRIBE IIe
- Powerful controller with 32MB RAM as standard
- Low noise level (49 dB (A))
- Robust and reliable compact design by F.A. Porsche
- Long-life technology, lowest CPP in its class

GENERAL

Technology:	Kyocera ECOSYS, Laser
Engine speed:	FS-720/FS820: Up to 16ppm A4 FS-920: Up to 18ppm A4
Resolution:	FS-720: 600 dpi FS-820/FS-920: 1,200 dpi quality (1,800 x 600)
Time to first page:	11 seconds
Warm-up time:	16 seconds from power off
Monthly Duty Cycle:	FS-720/FS-820: Max. 12,000, average up to 1,500 pages per month FS-920: Max. 15,000, average up to 2,000 pages per month
Power Source:	AC 220/240 V 50/60 Hz
Power Consumption:	FS-720: Printing: 302 W, Stand-by: 5 W, Power-Saving (ECOpower): 4.2 W FS-820: Printing: 319 W, Stand-by: 7 W, Power-Saving (ECOpower): 4.5 W FS-920: Printing: 315 W, Stand-by: 8 W Power-Saving (ECOpower): 4.8 W
Noise (ISO 7779):	Printing: 49 dB(A), Stand-by: 28 dB(A), Power-Saving (ECOpower): Immeasurably low
Dimensions (W x D x H):	Main Unit: 380 x 390 x 245 mm
Weight::	Approx. 9.5 kg (incl. toner)
Certification:	TÜV/GS, CE, PTS
This product is manufactured according to the 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:	Universal paper cassette: 250 sheets, 60–105 g/m ² , A4, B5, A5, Letter, Legal, Custom (148 x 210 mm to 216 x 356 mm) Manual-feed tray: 1 sheet, 60–163 g/m ² , A4, B5, A5, Letter, Legal, Custom (70 x 148 mm to 216 x 356 mm)
Output capacity:	100 sheets face down

CONTROLLER

Processor:	FS-720: 32 Bit RISC CPU FS-820: Power PC 405/192 MHz FS-920: Power PC 405/266 MHz
Memory:	FS-720: Standard 8 MB, Max. 8 MB FS-820: Standard 16 MB + ECOMemory, FS-920: Standard 32 MB + ECOMemory, Max. 288 MB in 1 slot Max. 272 MB in 1 slot
Emulations:	FS-720: Host Based Printing System for MS Windows 98 SE/ME/2000/XP FS-820: PCL 6/PCL 5e FS-920: PCL 6/PCL 5e, KPD L 3 (PostScript 3 compatible) with Automatic Emulation Sensing (AES), Line Printer, IBM Proprinter X24E, Epson LQ-850, Diablo 630
Controller language:	FS-820/FS-920: PRESCRIBE IIe

Fonts:	FS-820: 14 outline fonts, 1 bitmap font, 45 types of one-dimensional barcodes, plus two-dimensional barcode PDF-417 FS-920: 80 outline fonts accessible in all emulations, 1 bitmap font, 45 types of one-dimensional barcodes, plus two-dimensional barcode PDF-417
Downloadable fonts:	FS-820/FS-920: Kyocera Mita, PCL + TrueType format, Type 1 + 3 format
Print features:	Manual duplex supported from printer driver

INTERFACE

Standard interface:	FS-720: USB 2.0 (Full speed) FS-820/FS-920: High speed bi-directional parallel (IEEE 1284), USB 2.0 (Full Speed)
Multiple Interface Connection:	FS-820/FS-920: Allows simultaneous data transfer on both, with each having its own virtual printer.

OPTIONS

Memory

Printer memory:	FS-820/FS-920: 1 slot (16,32,64,128 or 256 MB)
CompactFlash® card:	FS-820/FS-920: 1 slot (for up to 256 MB) forms, fonts, logos, macro storage

Consumables

TK-110 Toner-Kit:	FS-720/FS-820/FS-920: Microfine toner for 6,000 pages (ISO/IEC 19752)
TK-110E Toner-Kit:	FS-720/FS-820/FS-920: Microfine toner for 2,000 pages (ISO/IEC 19752)

Capacity of starter toner is 3,000 pages (ISO/IEC 19752)

WARRANTY

1-year return to base warranty as standard. Kyocera guarantees the drum and developer for 3 years or 100,000 pages (whichever occurs sooner), provided each printer is used and cleaned in accordance with the service instructions.

KYOliflife 3-year exchange on-site warranty for extension for printer and options.