FS-3820N

discover

▶ the robust printer network-ready for your workgroup

▶print ▶copy ▶scan ▶fax

- **28ppm with Fine 1,200 dpi resolution**
- **Standard network, USB 2.0 and parallel interface**
- **Power PC 750CX / 300MHz, 64MB onboard**
- **600 sheet capacity as standard, upgradeable to 2,100 sheets**
- **Lowest cost per page in its class**

Product depicted includes optional extras

The FS-3820N is the ideal printing option for busy workgroups. From the very first day, the FS-3820N is ready to serve your workgroup with a speedy 28ppm output, standard network interface and class-leading cost effectiveness. Bidirectional parallel port and a certified USB 2.0 (High-Speed) interface are standard. Its Power PC 750 CX CPU with 300MHz and 64MB RAM enable sophisticated digital features such as PDF Direct Print and Electronic Sorting. And when your printing tasks grow, the FS-3820N can grow too: just select the accessories you need from its broad range of optional paper feeders, high-speed duplex, mailbox sorter and additional memory for even more efficiency. All for the lowest cost per page of any printer in its class.

Ecosys®

◆ KYOCERA

FS-3820N

High Speed Workgroup Printer with Network Standard

ECOSYS technology is based on extremely durable components. The drum, developer and fuser of the FS-3820N are designed for 300,000 pages. Due to the fact that toner is the only consumable required, Kyocera printers operate with the lowest cost per page in their class, and they are particularly environmentally friendly. Thanks to their numerous system, paper options and modularity, all Kyocera printers can expand to meet further requirements.

System platform

The FS-3820N delivers outstanding network connectivity and problem-free system administration. Kyocera Mita's single platform technology means that the same driver can be used for every KM print device in the network: from single-user desktop printers to high-end multifunctional systems. Only Kyocera Mita offers this effortless combination of IT sophistication and high-performance paper handling expertise.

PRESCRIBE IIe

With the Kyocera Mita 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.

Typefaces and barcodes

The 80 scalable high quality fonts provide high flexibility for all applications. A total of 45 integrated barcodes including hash totals are computed automatically by the printer and printed in the desired size, alignment and position.

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 for easy setup and check of the printer status via parallel, USB or network including optional printer hard disk/Microdrive. KM-Net Viewer is an advanced network management software tool using the standardised protocol SNMP, which incorporates administration of the optional printer hard disk/Microdrive.

CompactFlash® card

The CompactFlash® card offers abundant storage space for typefaces, logos, standard forms and signatures as well as individual API or PRESCRIBE macros.

Hard disk

The optional MicroDrive offers even more efficient document management. At the same time it enables the management of print data with eMPS functions such as quick copy, proof and hold, private print and job storage.

GENERAL

Technology: Kyocera Mita ECOSYS, Laser
Engine speed: Up to 28ppm A4 simplex
optional up to 27ppm A4 duplex (13.5 sheets)
Resolution: Fine 1,200 dpi resolution
Time to first page: 9.5 seconds or less
Warm-up time: 18 seconds from power off
Duty cycle: Maximum monthly duty cycle 125,000 pages
Average monthly duty cycle up to 20,000 pages
Power source: AC 220/240 V 50/60 Hz
Power Consumption: Printing: 42 W, Stand-By: 13 W, Power-Saving/ECOpower: 18 W
Noise (ISO 7779): Printing: 55 dB(A), Stand-By: 33 dB(A), Power-Saving/ECOpower: immeasurable low[1]
Dimensions (W x D x H): Main Unit: 345 x 390 x 300mm
Weight: Main unit: 13 kg
Certification: TÜV/GS, CE, PTS
This product is produced according to the quality norm ISO 9001 and the environmental guidelines ISO 14001

[1] When used with the duplex unit 29 dB(A).

PAPER HANDLING

All paper capacities mentioned are based on a paper thickness of max. 0.11mm. Please use paper recommended by Kyocera Mita under normal environmental conditions.

Input capacity: Universal paper cassette: 500 sheets, 60 - 105 g/m^2, A4, B5, A5, Letter, Legal, Custom (148 x 210 mm to 216 x 297mm)
Multipurpose tray: 100 sheets, 60 - 200 g/m^2, A4, B5, A5, Letter, Custom (70 x 148 mm to 216 x 297 mm)
Maximum paper input capacity with optional 3 x paper feeder PF-60: 2,100 sheets
Output capacity: 250 sheets face down, up to 250 sheets face up with optional PT-60

CONTROLLER

Processor: Power PC 750CX/300 MHz
Memory: Standard 64MB + ECOmemory, Maximum 320 MB (1 empty DIMM slot)
Emulations: PCL 6/PCL 5e incl. PJL, KPDL 3 (PostScript 3 compatible), PDF direct print, with Automatic Emulation Sensing (AES), Line Printer, IBM Proprinter X24E, Epson LQ-850, Diablo 630
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 Mita, PCL + TrueType format, Type 1 + 3 format
Print features: Accounting with up to 100 department codes

INTERFACE

Standard interface: Fast Ethernet 10/100 Base TX, High speed bi-directional parallel (IEEE 1284), USB 2.0 (High Speed), KUIO LV Option-Interface slot
Multiple interface connection (MIC): Allows for simultaneous data transfer via up to four interfaces, each interface having its own virtual printer.

OPTIONS

Paper handling
PF-60 paper feeder (up to 3x): 500 sheets, 60 - 105 g/m^2, A4, B5, A5, Letter, Legal, Custom (148 x 210 mm to 216 x 297 mm)
DU-61: duplex unit for double-sided printing, 60 - 105 g/m^2, A4, B5, A5, Letter, Legal, Custom (148 x 210 mm to 216 x 297 mm)
SO-60: 1,000 sheets face-down sorter/mailbox feeder in 5 trays (5 x 200 sheets)
PT-60: face-up paper tray for up to 250 sheets (100 sheets when used with DU-61)
CB-60 (W x D x H): printer cabinet with storage capacity, 35 x 51 x 40 cm
EF-60: for max. 70 normal envelopes or max. 100 air mail envelopes up to A6 size

Memory
Printer memory: 1 DIMM slot for 16, 32, 64, 128 or 256MB
Compact Flash card: 1 slot for 8, 16, 32, 64MB forms, fonts, logos, macro storage
Micro Drive: up to 1 GB for storage of data, forms, fonts and job management

Optional interface:
IB-11 Serial Interface: RS-232C Serial Interface (up to 115.2kbps)
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

CONSUMABLES

TK-65 Toner-Kit: Microfine toner for 20,000 pages with 5% coverage (ISO 10561B)[2],

[2] Capacity of starter toner is 10,000 pages with 5% coverage (ISO 10561B)

WARRANTY

1-year on site warranty as standard. Kyocera Mita 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.
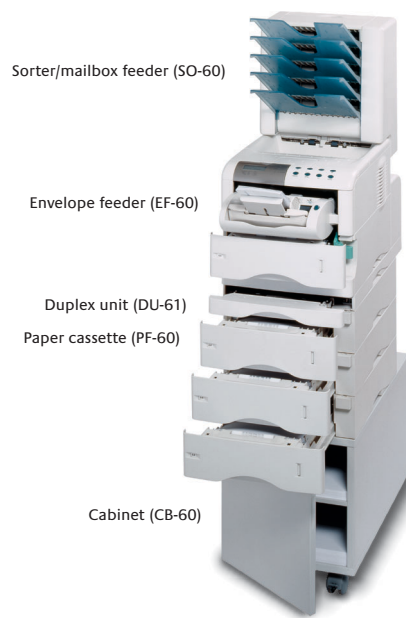
KYOlife up to 5-year on-site warranty extension for printer and options.

MODEL CONFIGURATIONS

FS-3820DN: with DU-61 and IB-21e
FS-3820TN: with paper feeder PF-60 and IB-21e
FS-3820DTN: with DU-61, PF-60 and IB-21e

Select the options to suit your needs:

Sorter/mailbox feeder (SO-60)

Envelope feeder (EF-60)

Duplex unit (DU-61)

Paper cassette (PF-60)

Cabinet (CB-60)

Your Kyocera Mita Business Partner:

03/04-01

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