

FS-1000+

ECOSYS™ Page Printer

Installation Manual

Caution

NO LIABILITY IS ASSUMED FOR ANY DAMAGE CAUSED BY IMPROPER INSTALLATION.

Notice on Software

SOFTWARE USED WITH THIS PRINTER MUST SUPPORT THE PRINTER'S EMULATION MODE. The printer is factory-set to emulate the HP PCL 6. The emulation mode can be changed by following the procedures described in the User's Manual contained as an electronic file in the *Kyocera Mita Digital Library* CD-ROM supplied with the printer.

Notice

The information in this manual is subject to change without notification. Additional pages may be inserted in future editions. The user is asked to excuse any technical inaccuracies or typographical errors in the present edition.

No responsibility is assumed if accidents occur while the user is following the instructions in this manual. No responsibility is assumed for defects in the printer's firmware (contents of its read-only memory).

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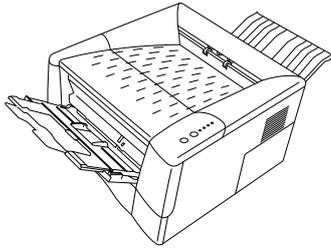
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STEP
1

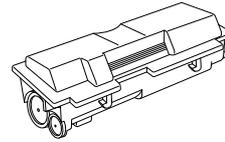
Unpacking

Carefully remove the printer and other items from the box. Check that nothing is missing against the list of shipped components below.

Shipped Components



Printer



Toner Container (TK-17)



Power Cord



Cleaning Cloth



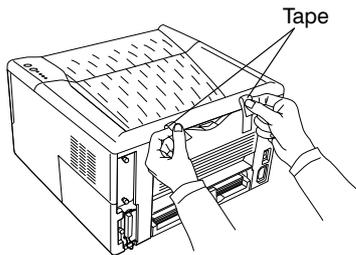
Installation Manual (this booklet)



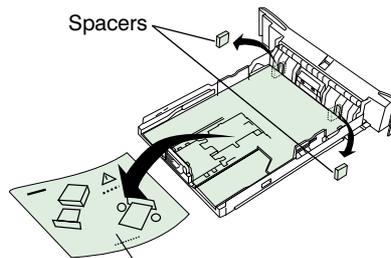
Kyocera Mita Digital Library CD-ROM

Removing Shipping Material

Remove the tape on the rear side of the printer, and remove the two spacers and printed notice from the paper cassette.



Tape



Spacers

Printed Notice

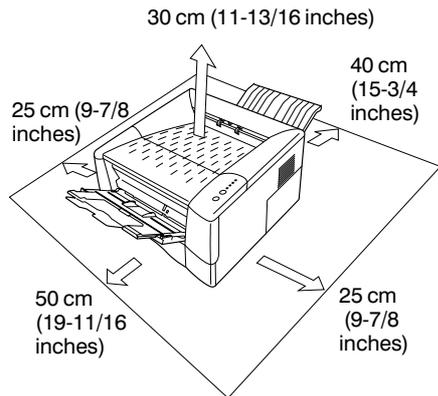


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STEP 2 Positioning the Printer

Make sure that the place of installation meets the following requirements:

Clearance



Warning

Be sure to secure enough space around the printer. Prolonged use without sufficient clearance may cause heat to build up within the printer, resulting in fire.

Environment

Temperature	10 to 32.5 °C (50 to 90.5 °F), ideally about 23 °C (73.4 °F)
Humidity	20 to 80 %, ideally 60 %



Note

Do not install the printer where temperature or humidity is outside the recommended range. Print quality may suffer and there will be an increased chance of paper jams.

Places to Avoid

Avoid installing the printer in locations subject to:

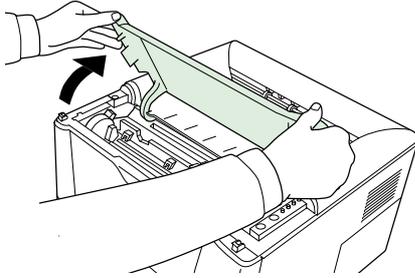
- Direct drafts of hot or cold air
- Direct drafts from outside (Avoid locations near building entrances.)
- Sudden temperature or humidity changes
- Sources of high temperature, for example, near stoves or radiators
- Excessive dust
- Vibration
- Unstable surfaces and surfaces that are not level
- Ammonia or other harmful fumes (If you are planning to fumigate the room, or make liberal use of insecticide, remove the printer first!)
- Excessive sunlight or humidity
- Lack of ventilation
- Low air pressure, e.g., elevations greater than 2000 meters (6500 feet) above sea level

STEP

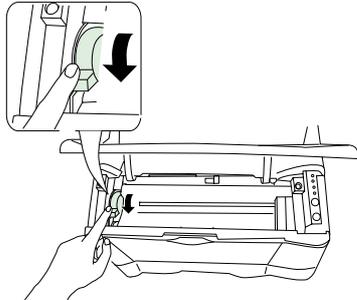
3

Installing the Toner Container

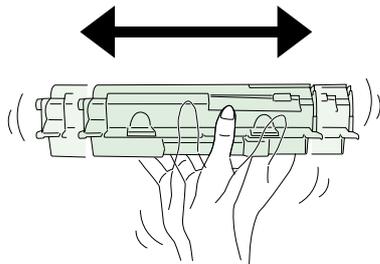
Before you can use the printer for the first time, you must set up the printer by installing the toner container and interfacing with the computer.



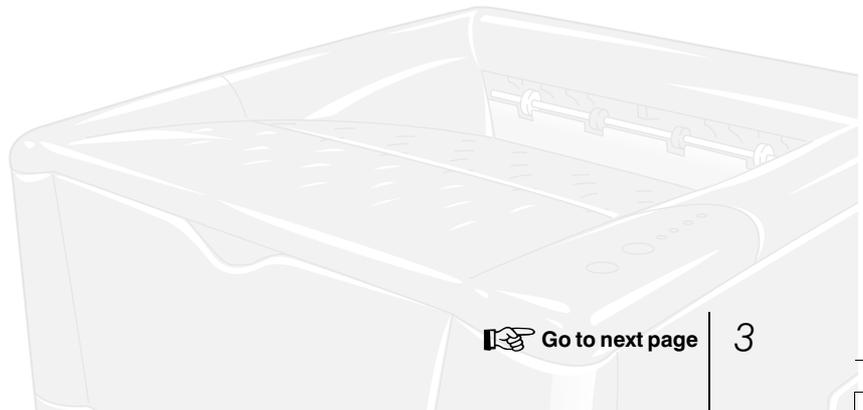
- 1 Open the printer top cover all the way.



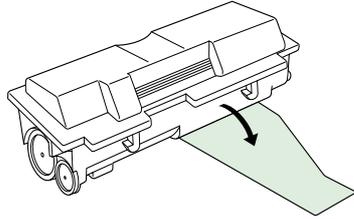
- 2 Confirm that the lock lever is in the release (**UNLOCK**) position. If not, pull it forward until it is in the release position.



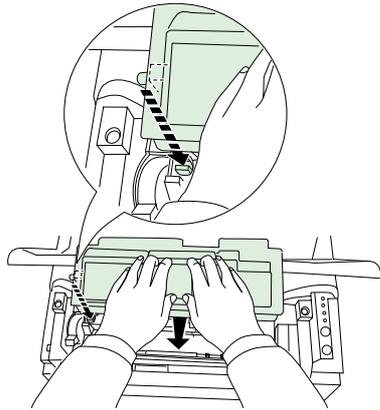
- 3 Take the toner container from the bag. Hold it with the protective seal (orange-colored) facing up. Shake the toner container horizontally at least 5 times. This ensures that the toner is evenly distributed inside.



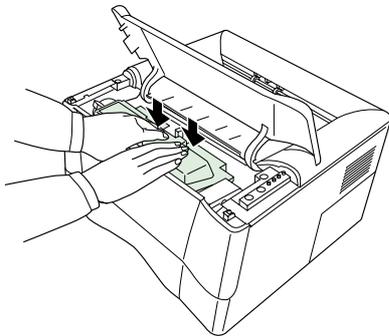
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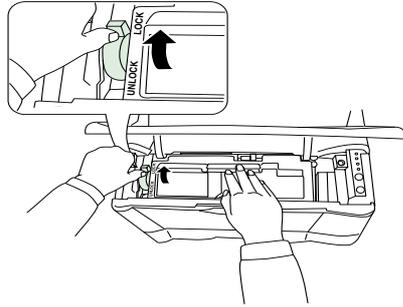
4 Carefully remove the protective seal.



5 Install the toner container into the printer.



6 Push firmly on the top of the toner container at the positions marked **PUSH HERE**.



- 7** Push the lock lever to the lock (**LOCK**) position.

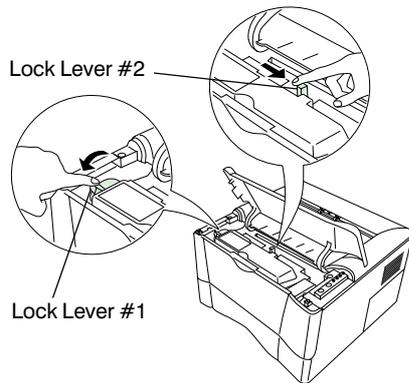
- 8** Close the top cover.



Note

When the printer is first switched on after toner installation, there will be a delay of approximately 15 minutes before the printer gets ready to print.

To remove the toner container



Pull the lock lever #1 to the release (**UNLOCK**) position, pull the lock lever #2, then gently remove the toner container.

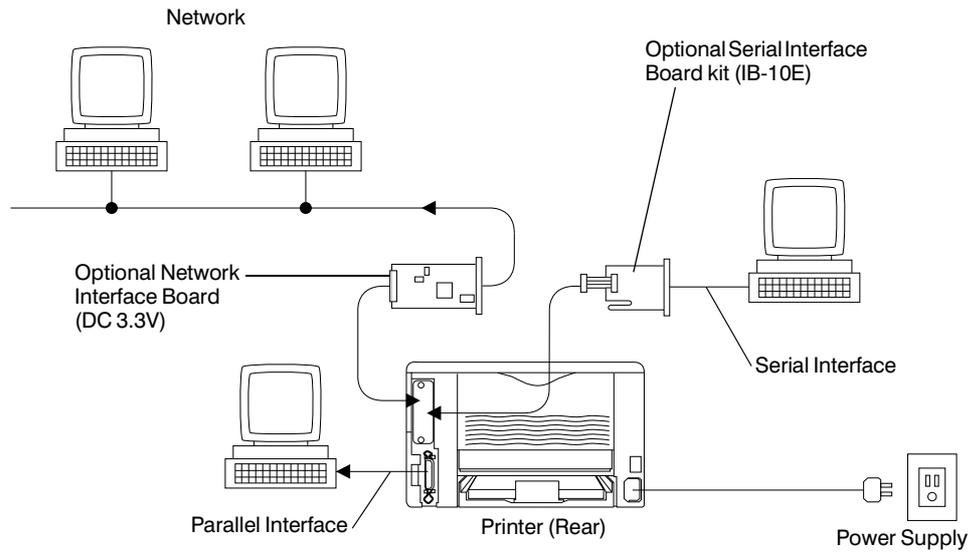


STEP
4

Connecting the Printer to the Computer

There are various ways of connecting the printer to the computer, such as through the parallel interface connector or through the optional network interface board.

Printer Connections

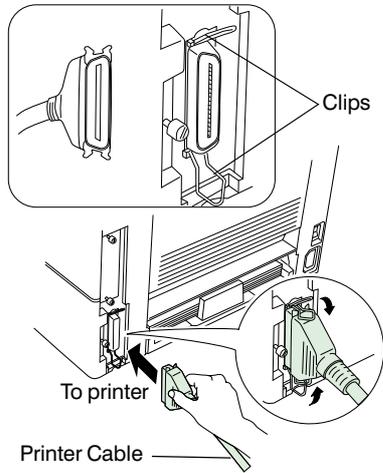


Caution

Before performing this step, be sure to turn off both the printer and the computer's power switches and unplug the printer's power plug from the power outlet. Failure to do so may result in electrical shock.

A standard Centronics parallel interface connector () is located on the rear of the printer.

Parallel Interface Connection



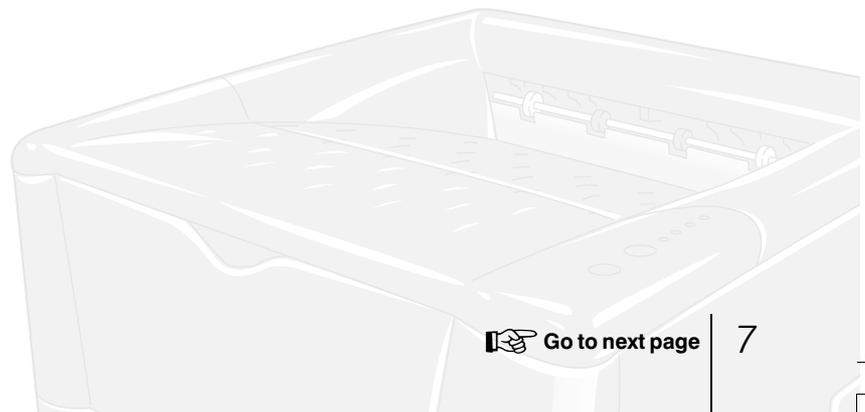
- 1** Plug one end of the printer cable (not included) into the parallel interface connector on the rear of the printer.



- Use a parallel printer cable that complies with the IEEE1284 standards.
- The printer will work best if it is installed near the computer. The connecting cable should be shielded and not be longer than 3 meters (10 feet).

- 2** Close the clips on both sides to fix the connector in place.

Plug the other end of the printer cable into the computer's Centronics parallel interface connector.



STEP

5

Connecting the Power Cord

This section describes the procedure for connecting the power cable and various cautions.

Notes on Power Supply

- Install the printer near an AC wall outlet, preferably one that can be used for the printer alone.
- Only use this printer with the supply voltage indicated on the serial number label attached to the printer's rear panel.
- If an extension cord is used, the total length of the power cord plus extension should be 5 meters (17 feet) or less.

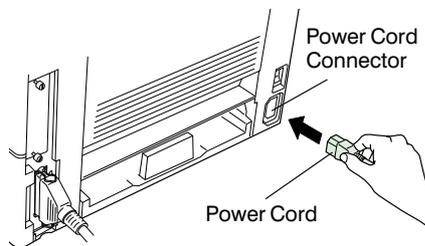
Power Requirements

Voltage	120 V (U.S.A. and Canada), 220 to 240 V (European countries, and the Asia-Pacific region), $\pm 10\%$ at each voltage
Frequency	60 Hz (120 V) $\pm 2\%$, 50/60 Hz (220 to 240 V) $\pm 2\%$
Current capacity	Max. 4.4 A at 120 V, or max. 2.2 A at 230 V

To Connect the Power Cord



- Be sure the printer's power switch is turned off.
- Only use the power cord supplied with the printer.



- 1 Plug the power cord into the power cord connector on the rear of the printer.

- 2 Connect the other end of the power cord into a power outlet.



Be sure to connect to a 3-wire grounded power strip.

STEP 6 Adding Paper to the Paper Cassette and MP Tray

The paper cassette can accommodate A5 to Legal size paper and can hold approximately 250 sheets. The Multi-Purpose tray can accommodate the various paper sizes and can hold approximately 50 sheets of paper.

The following paper weights can be used with the printer.

Paper source	Paper weight
Paper cassette	60 to 105 g/m ²
MP tray	60 to 163 g/m ²

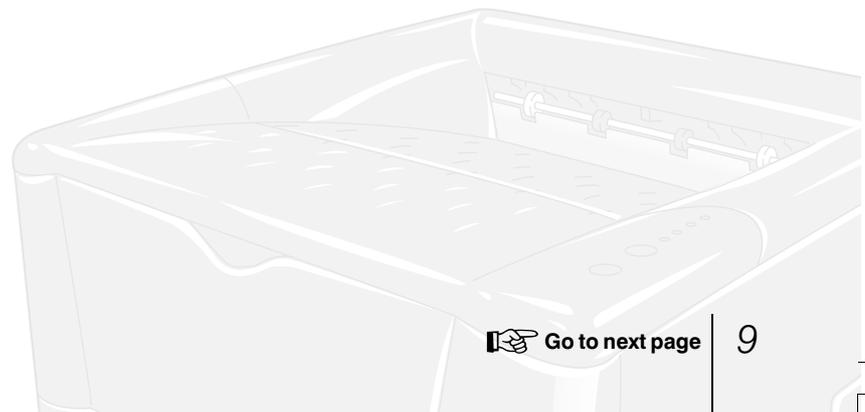
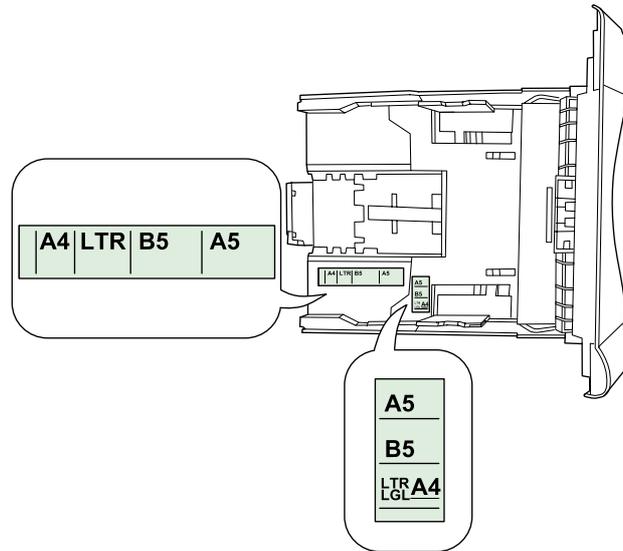


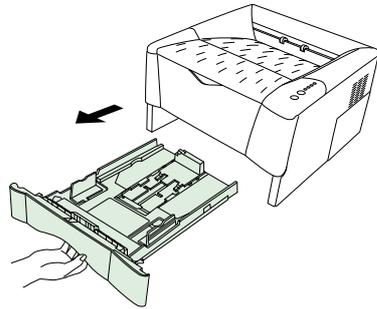
The edges of paper are sharp. When loading paper, be careful not to cut your hand on the paper.

Caution

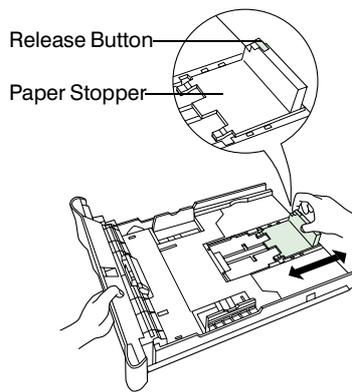
Paper cassette

Standard paper sizes are attached to the inside of the paper cassette as shown in the following figure. Align the paper guides and paper stopper to the paper size you want to print on as described on the next page.

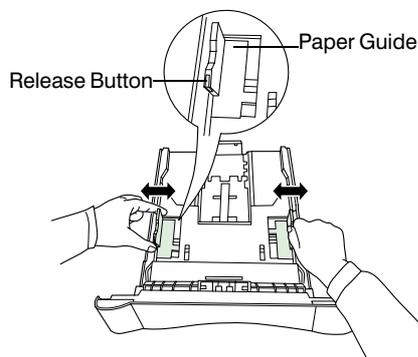




- 1** Pull the paper cassette all the way out of the printer.



- 2** Adjust the position of the paper stopper located at the rear of the paper cassette. Press in the release button and slide the stopper to the desired paper size. When shipped from the factory, the paper cassette is set to either A4 or Letter size.

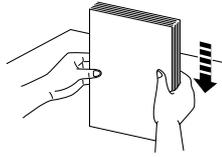


- 3** Adjust the position of the paper guides located on the left and right sides of the paper cassette. Press in the release button on the left side guide and slide to the desired paper size.

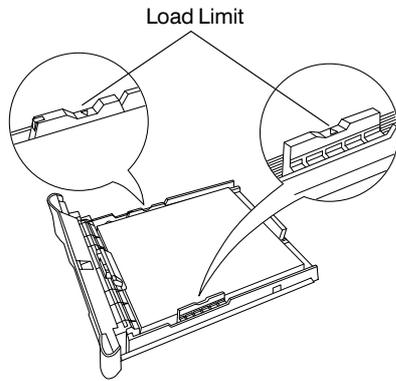
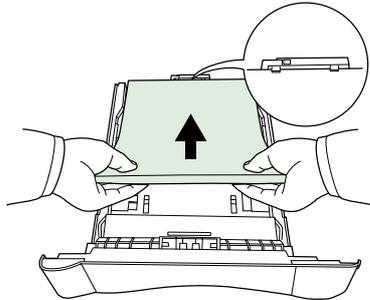


Note

The printer does not automatically detect the size of the paper loaded into the paper cassette or MP tray. As a result, whenever you load paper having a different size, you must reset the paper size setting using the Remote Operation Panel utility. For details, refer to the *User's Manual* contained as an electronic file in the CD-ROM supplied with the printer.



- 4** Make sure that the edges of the paper are aligned. Slide the paper into the paper cassette.



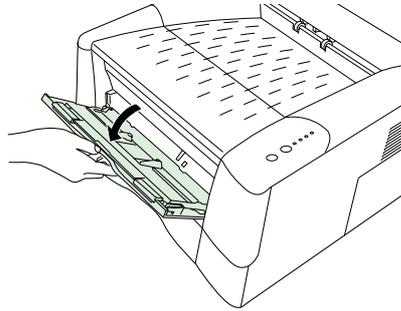
Note

Do not load more paper than will fit under the load limits on the top of the paper guides. (the paper cassette will hold approximately 250 sheets of paper with a 80 g/m² (21 lb.) basis weight, or with a thickness of 110 microns.)

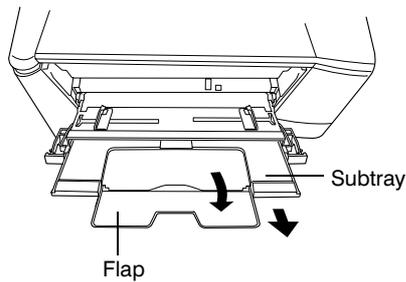
- 5** Insert the paper cassette into the slot in the printer. Push it straight in as far as it will go.



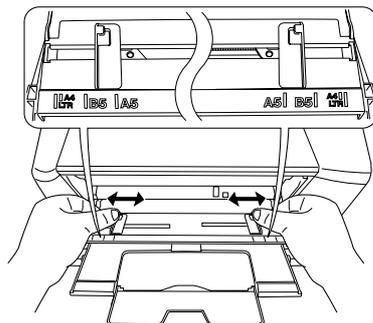
Multi-Purpose (MP) tray



- 1 Pull the MP tray towards you until it stops.



- 2 Pull out the subtray and unfold the flap.



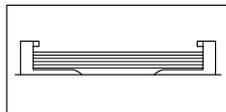
- 3 Adjust the position of the paper guides on the MP tray. Standard paper sizes are attached to the MP tray. For standard paper sizes, slide the guides to the position marked correspondingly.



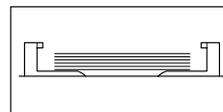
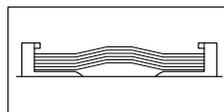
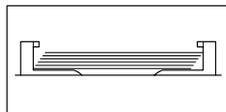
Note

- Do not load more paper than will fit under the load limits on the inside of the MP tray.
- If the paper is considerably curled in one direction, for example, if the paper is already printed on one side, try to roll the paper in the opposite direction to counteract the curl. Printed sheets will then come out flat.

Correct



Incorrect



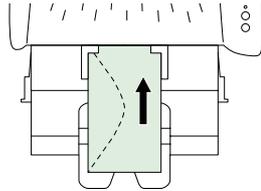
Envelopes

Envelopes should be fed in the face-up position, right edge first.



Note

- **Test a sample envelope on the printer and check that printing quality is satisfactory before purchasing.**
- **To avoid trouble, we recommend that envelopes be delivered face-up using the face-up tray. Refer to Step 7.**

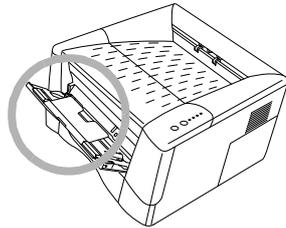


Some types of envelopes are not suitable for printing. For details on suitable types of envelopes, see the *User's Manual* contained as an electronic file in the CD-ROM supplied with the printer.

To close the MP tray

Close the flap on the subtray, then push in the subtray and close the MP tray.

No



Note

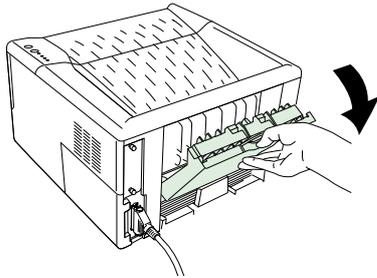
Be careful not to push the tray back into the printer with the subtray folded out horizontally as shown in the figure.

STEP

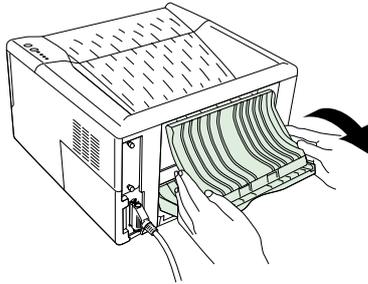
7

Using the Face-Up Output Tray

Use the face-up output tray when you wish paper to be stacked with the printed side facing up (reverse order), or when you are printing on envelopes, postcards, transparencies, or thick paper.



- 1** Pull on the face-up output tray to open it.

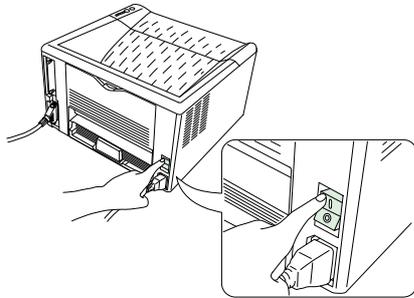


- 2** Open the extension tray by pressing with your thumbs at the corners next to the hinges.

STEP
8

Printing a Status Page

To test the printer, print a status page indicating factory settings.



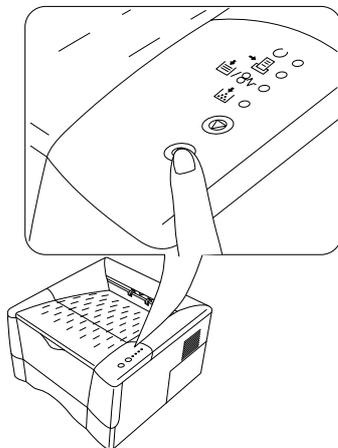
- 1 Turn on the printer's power switch.
Upon turning on the power, the printer's 4 indicators flash in sequence until printer initialization is complete, then the indicator ( [on line]) lights steadily.



Note

If the indicator does not light, check that previous steps were performed properly.

If you install the toner container and turn on the power, after a moment the indicators light in sequence from top to bottom. **When the printer is first switched on after toner installation, there will be a delay of approximately 15 minutes before the printer gets ready to print.** Once the  indicator lights, printer installation is complete.



- 2 The printer can print two different types of status page — standard and service-purpose. A service-purpose status page contains more detailed information about printer settings than a standard status page.

- To print a standard status page, press the  key for at least 3 seconds and the indicators light in sequence from top to bottom.
- To print a service-purpose status page, press the  key for more than 10 seconds and the indicators light in sequence twice from top to bottom.

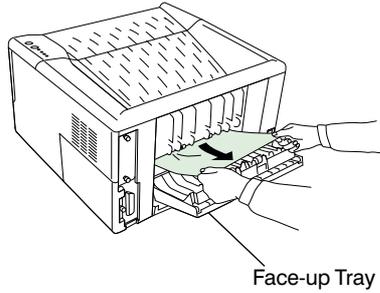
If the status page prints correctly, printer setup is complete. For details on using the printer, refer to the *User's Manual* contained as an electronic file in the CD-ROM supplied with the printer.



Correcting a Paper Jam

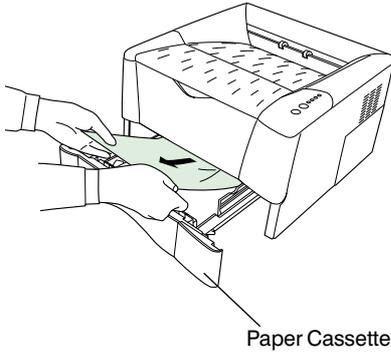
If a paper jam occurs while you are printing, remove the jammed paper as described below. After you have removed the jammed paper, open and close the top cover once.

Jam at the Face-down and Face-up Trays



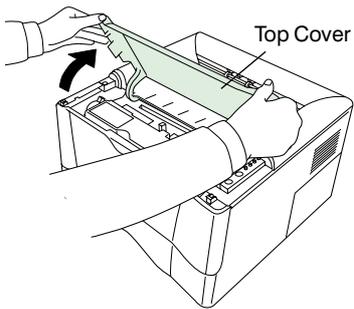
Open the face-up tray and remove the jammed paper as shown in the figure.

Jam at the Paper Cassette

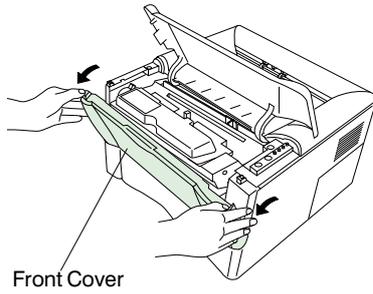


Pull out the paper cassette and remove the jammed paper.

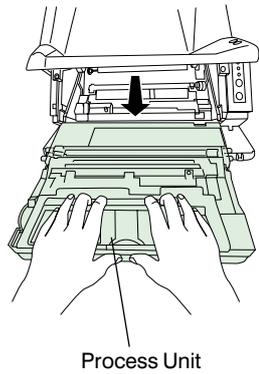
Jam Inside the Printer



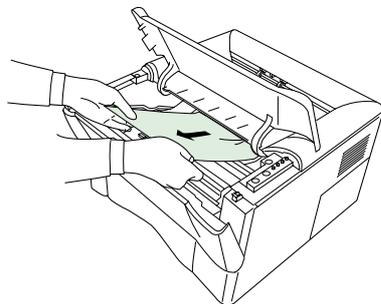
- 1 Open the printer's top cover.



2 Open the printer's front cover.



3 Lift the process unit together with the toner container out of the printer.



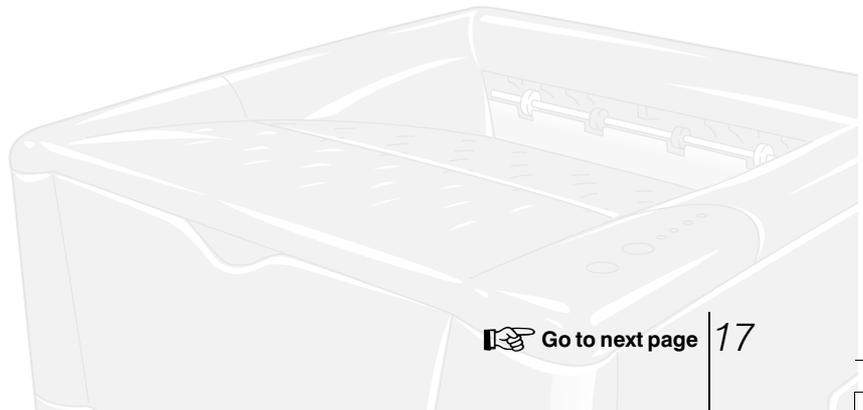
4 Remove the jammed paper.



Note

When pulling the paper, pull gently so as not to tear it. Torn pieces of paper are difficult to remove and may be easily overlooked, preventing recovery from the jam.

5 Replace the process unit and toner container, then close the printer.



FCC statement (for users in the United States)

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

■ Note

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications not expressly approved by the manufacturer for compliance could void the user's authority to operate the equipment. Shielded circular cable should be used for interfacing with the computer.

■ Caution to user

Any modification without prior permission may cause harmful interference.

If any modification/change is introduced to this equipment without prior permission, Kyocera Mita as the manufacturer cannot guarantee compliance with FCC rules. To use equipment which does not comply with FCC rules is prohibited. The printer may be optionally installed with the following units:

■ Options Conforming to the Class B limits

- PK-6 KPDL 2 Upgrade Kit
- IB-10E Serial Interface Board Kit
- PF-17 Paper Feeder (250 sheets)

Important note on the interface connectors

Be sure to turn off printer power before connecting or disconnecting an interface cable to the printer. For protection against static discharge which may be applied to the printer's internal electronics through the interface connector(s), keep any interface connector which is not in use capped using the protective cap supplied.

Note: Use shielded interface cable.

Safety information

■ Laser safety

This printer is certified as a Class 1 laser product under the U.S. Department of Health and Human Services (DHHS) Radiation Performance Standard according to Radiation Control for Health and Safety Act of 1968. This means that the printer does not produce hazardous laser radiation. Since radiation emitted inside the printer is completely confined within protective housings and external covers, the laser beam cannot escape from the printer during any phase of user operation.

■ Laser notice

This printer is certified in the U.S. to conform to the requirements of DHHS 21 CFR Subchapter for Class I (1) laser products, and elsewhere is certified as a Class I laser product conforming to the requirements of IEC 825.

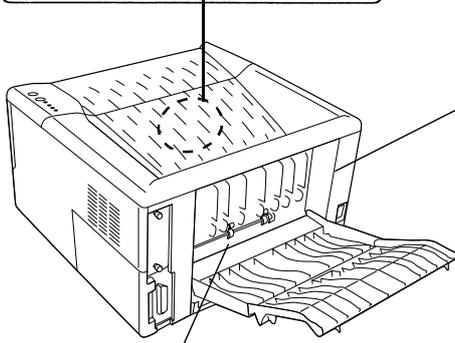
DANGER: INVISIBLE LASER RADIATION WHEN OPEN. AVOID DIRECT EXPOSURE TO BEAM.

CAUTION: Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

■ **Caution labels**

DANGER - INVISIBLE LASER RADIATION WHEN OPEN. AVOID DIRECT EXPOSURE TO BEAM.
ATTENTION - RAYONNEMENT LASER INVISIBLE EN CAS D'OUVERTURE. EXPOSITION DANGEREUSE AU FASCICUL.
VORSICHT - UNSICHTBARE LASERSTRAHLUNG, WENN ABDECKUNG GEÖFFNET. NICHT DEM STRAHLE AUSSETZEN.
ATTENZIONE - RADIAZIONE LASER INVISIBILE IN CASO DI APERTURA. EVITARE L'ESPOSIZIONE AL FASCIO.
PRECAUCION - RADIAZIONE LASER INVISIBLE CUANDO SE ABRE. EVITAR EXPOSERSE AL RAYO.
VARO! - AVATTAESSA OLET ALTIINA NÄKYMATÖNÄLLÄ LASERISÄTELYLLÄ. ÄLÄ KATSO SÄTEESIÄ.
警告 - このプリンタの内蔵では不可視レーザー光が放射されています。レーザー光にさらさないようにしてください。
警告 - 开盖时，可能有激光外泄！ 应避免目光直接照射。
警告 - 内部雷射放射中，請勿隨意打開蓋子。
 위험 - 레이저 광선을 직접 보지 마세요.

Label inside the printer (Laser radiation warning)



FS-1000+
 220-240V ~ 50/60Hz 2.6A
 CLASS I LASER PRODUCT TO IEC825
 LASER KLASSE I NACH IEC825
 KLASSE I LASER PRODUKT NBT IEC825
 LUKKAN I LASERLÄITE

GS **CE** **ENERGY**

ACN003852444
CAUTION
 REMOVE POWER CORD BEFORE SERVICE AND FUSE REPLACEMENT.
VORSICHT
 VOR WARTUNG UND SICHERUNGS-WECHSELN, NETZSTECKER ZIEHEN.
ATTENTION
 POUR PRÉVENIR LES CHOCs ELECTRIQUES, COUPER L'ALIMENTATION AVANT DE REMPLACER LE FUSIBLE.
ATENCIÓN
 DESENCHUFÉ EL CORDÓN DE ALIMENTACIÓN ANTES DEL SERVICIO Y DEL REEMPLAZO DEL FUSIBLE.
PRECAUZIONE
 PRIMA DI CAMBIARE I FUSIBILI O DI ESEGUIRE RIPARAZIONI, STACCARE IL CORDO DI ALIMENTAZIONE.
 KYOCERA CORPORATION
 DESIGNED IN JAPAN / ASSEMBLED IN CHINA

FS-1000+
 120V ~ 60Hz 4.9A
KYOCERA CORPORATION
 1055 FIFTH AVENUE SUITE 2000
 708-15 HOLLAND, TAMANOI TOWN
 WAKAYAMA-COUNTY, ANBEI-PREF. JAPAN
 MANUFACTURED IN JAPAN

FC **UL LISTED**

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This Class B digital apparatus complies with Canadian ICES-003.
 Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

CAUTION
 REMOVE POWER CORD BEFORE SERVICE AND FUSE REPLACEMENT.
ATTENTION
 POUR PRÉVENIR LES CHOCs ELECTRIQUES, COUPER L'ALIMENTATION AVANT DE REMPLACER LE FUSIBLE.
PRECAUZIONE
 PRIMA DI CAMBIARE I FUSIBILI O DI ESEGUIRE RIPARAZIONI, STACCARE IL CORDO DI ALIMENTAZIONE. YMA
 DESIGNED IN JAPAN / ASSEMBLED IN CHINA

(European/Asian/Pacific countries) (U.S.A./Canada)

Label on the printer's rear panel

CAUTION HOT SURFACE AVOID CONTACT
ACHTUNG HEISSE OBERFLÄCHE NICHT BERÜHREN
ATTENTION TEMPÉRATURE ÉLEVÉE NE PAS TOUCHER
ATENCIÓN EXTERIOR CALIENTE EVITE EL CONTACTO
ATTENZIONE SUPERFICIE CHE SCOTTA NON TOCCARE
고온 주의 高温注意

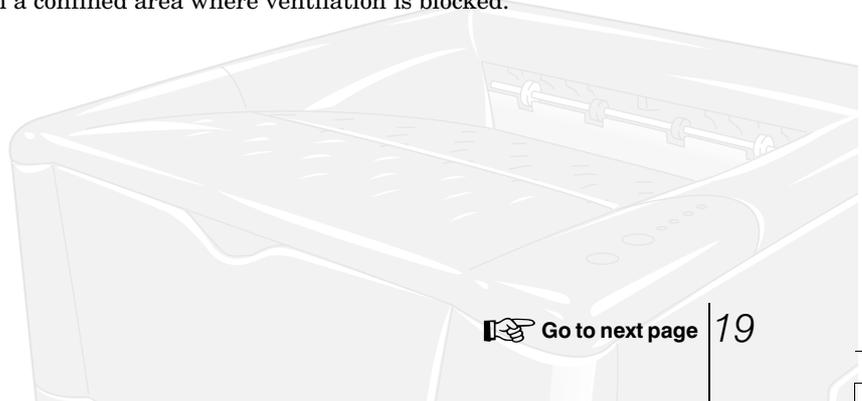
Label inside the rear

CDRH regulations

The Center of Devices and Radiological Health (CDRH) of the U.S. Food and Drug Administration implemented regulations for laser products on August 2, 1976. These regulations apply to laser products manufactured after August 1, 1976. Compliance is mandatory for products marketed in the United States. A label indicating compliance with the CDRH regulations must be attached to laser products marketed in the United States.

Ozone concentration

The printers generate ozone gas (O₃) which may concentrate in the place of installation and cause an unpleasant smell. To minimize concentration of ozone gas to less than 0.1 ppm, we recommend you not to install the printer in a confined area where ventilation is blocked.



IMPORTANT SAFEGUARDS

1. Read all of these instructions and save these instructions for later use.
2. Unplug this product from the wall outlet before cleaning.
3. Do not use this product near water.
4. Do not place this product on an unstable cart, stand, or table. The product may fall, causing serious damage to the product.
5. Slots and openings in the cabinet and the back are provided for ventilation to ensure reliable operation of the product and to protect it from overheating, these openings must not be blocked or covered. The openings should never be blocked by placing the product on a bed, sofa, rug, or other similar surface. This product should never be placed near or over a radiator or heat register. This product should not be placed in a built-in installation unless proper ventilation is provided.
6. This product is equipped with a 3-wire grounding type plug, a plug having a third (grounding) pin. This plug will only fit into a grounding-type power outlet. This is a safety feature. If you are unable to insert the plug into the outlet, contact your electrician to replace your obsolete outlet. Do not defeat the purpose of the grounding-type plug.
7. Do not allow anything to rest on the power cord. Do not locate this product where persons will walk on the cord.
8. If an extension cord is used with this product, make sure that the total of the ampere ratings on the products plugged into the extension cord do not exceed the extension cord ampere rating.
9. Never push objects of any kind into this product through cabinet slots as they may touch dangerous voltage points or short out parts that could result in a risk of fire or electric shock. Never spill liquid of any kind on the product.
10. Except as explained elsewhere in User's Manual, do not attempt to service this product yourself. Removing covers may expose you to dangerous voltage points or other risks. Refer all servicing in those compartments to service personnel.
11. Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions:
 - A- When the power cord or plug is damaged or frayed.
 - B- If liquid has been spilled into the product.
 - C- If the product has been exposed to rain or water.
 - D- If the product does not operate normally when the operating instructions are followed. Adjust only those controls that are covered by the operating instructions since improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to normal operation.
 - E- If the product has been dropped or the cabinet has been damaged.

Canadian Department of Communications compliance statement

This Class B digital apparatus complies with Canadian ICES-003.

Avis de conformité aux normes du ministère des Communications du Canada

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

ISO 7779

Maschinenlärminformationsverordnung 3. GSGV, 18.01.1991: Der höchste Schalldruckpegel beträgt 70 dB(A) oder weniger gemäß ISO 7779.

CE Marking Directive

according to *Council Directive 89/336/EEC and 73/23/EEC*

Manufacturer's name: Kyocera Corporation, Printer Division
Manufacturer's address: 2-14-9 Tamagawadai, Setagaya Ward, Tokyo 158-8610, Japan

declares that the product

Product name: Page Printer
Model number: FS-1000+ (as tested with the enhancement optional unit: PF-17 and IB-10E)

conforms to the following product specifications.

EN 55 022:1998 Class B

EN 61 000-3-2:1995

EN 61 000-3-3:1995

EN 55 024:1998

EN 60 950:1992 (+A1+A2+A3+A4+A11)

EN 60 825-1:1994+A11

The manufacturer and its merchandising companies retain the following technical documentation in anticipation of the inspection that may be conducted by the authorities concerned.

User's instruction that conforms to the applicable specifications

Technical drawings

Descriptions of the procedures that guarantee the conformity

Other technical information

Kyocera Mita Deutschland

Mollsfeld 12

40670 Meerbusch, Germany

Phone: +49 21 59 9180

Fax: +49 21 59 918 100

Declaration of Conformity (Australia)

Manufacturer's name: Kyocera Corporation, Printer Division
Manufacturer's address: 2-14-9 Tamagawadai, Setagaya Ward, Tokyo 158-8610, Japan

declares that the product

Product name: Page Printer
Model number: FS-1000+ (as tested with the enhancement optional unit: PF-17)

Description of device:

The model FS-1000+ is a 12-ppm, A4 size plain paper supporting page printer, utilizing laser, dry toner, etc.

The printer can be equipped with the optional paper feeder model PF-17.

Conforms to the following product specifications.

AS/NZS 3548: 1995 (EN 55 022:1998 Class B)

IEC 60950 (EN 60 950:1992+A1+A2+A3+A4+A11)

IEC 60825-1 (EN 60 825-1:1994+A11)

The manufacturer and its merchandising companies retain the following technical documentation in anticipation of the inspection that may be conducted by the authorities concerned.

User's instruction that conforms to the applicable specifications

Technical drawings

Descriptions of the procedures that guarantee the conformity

Other technical information

Kyocera Mita Australia Pty., Ltd.



6-10 Talavera Road, North Ryde, NSW 2113, Australia
Phone: +61 2-9888-9999
Fax: +61 2-9888-9588

Declaration of Conformity (U.S.A.)

Model Number: Laser Printer FS-1000+ (as tested with enhancement optional units: PF-17, IB-10E.)
Trade Name: Kyocera
Responsible Party: Kyocera Mita America Inc.
Address: 225 Sand Road PO Box 40008 Fairfield, New Jersey 07004-0008, U.S.A.
Telephone number: (973) 808-8444
Fax number: (973) 882-6000

Contact person for technical: Ryozo Kojima
Phone: 973-882-6019

Manufacturer's name: Kyocera Corporation, Printer Division
Manufacturer's address: 2-14-9 Tamagawadai, Setagaya Ward, Tokyo 158-8610, Japan

This device complies with Part 15 of the FCC Rules, Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

The manufacturer and its merchandising companies retain the following technical documentation in anticipation of the inspection that may be conducted by the authorities concerned.

- User's instruction that conforms to the applicable specifications.
- Technical drawings.
- Descriptions of the procedures that guarantee the conformity.
- Other technical information.

Kyocera Mita America Inc.

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We shall have no liability or responsibility to customers or any other person or entity with respect to any liability, loss or damage caused or alleged to be caused directly or indirectly by equipment sold or furnished by us, including but not limited to, any interruption of service, loss of business or anticipatory profits, or consequential damages resulting from the use or operation of the equipment or software.

Prolonged Non-Use and Moving the Printer

■ Prolonged Non-use

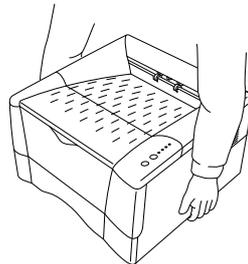
If you ever leave the printer unused for a long period of time, remove the power cord from the wall outlet.

We recommend you consult with your dealer about the additional actions you should take to avoid possible damages that may occur when the printer is used next time.

■ Moving the Printer

When you move the printer:

- Move it gently.
- Keep it as level as possible, to avoid spilling toner inside the printer as shown in the figure.
- If you ship the printer, remove and ship the process unit separately. Pack the process unit in a plastic bag and ship them separate from the printer itself. Be sure to consult a serviceman before attempting long-distance transportation of the printer.



ENERGY STAR®



As an ENERGY STAR Partner, Kyocera Mita Corporation has determined that this product meets the ENERGY STAR guidelines for energy efficiency.

The basic objective of the ENERGY STAR Program is to reduce environmental pollution by encouraging the manufacture and sale of equipment that uses energy more efficiently.

This printer is equipped with a sleep timer function that conforms with the standards of the ENERGY STAR Program. This function makes it possible to reduce the amount of electrical power consumed by the printer. For maximum power savings, turn off the printer's power supply when not using the printer for extended periods of time.

For details on the sleep timer function and printer power consumption, refer to the CD-ROM instruction manual provided with the printer.

Initial settings of the sleep timer function and power saved using the sleep timer function:

Initial sleep mode setting	Power consumption in sleep mode
5 minutes (15 minutes)	5 W (20 W)

(): ENERGY STAR program guideline

The action program Energy 2000



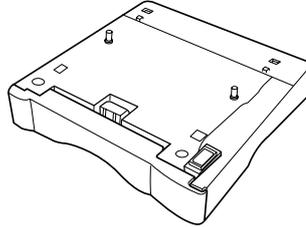
Energy partnership for a sustainable development. We get further – with all our energy.



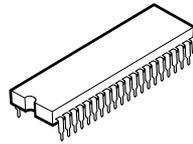
Options

The following options are available for the printer.

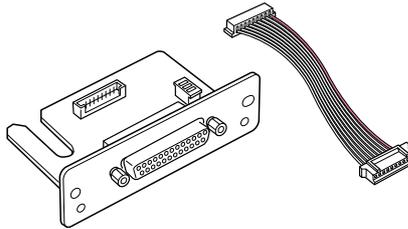
PF-17 Paper Feeder



PK-6 KPD2 Upgrade Kit



IB-10E Serial Interface Board Kit



Network Boards

See your Kyocera Mita dealer for purchasing information of the network board that is best suited for use with this printer.



Caution

Use only the network board operating from DC 3.3V.

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This Kyocera Mita page printer uses PeerlessPrintXL to provide the HP LaserJet compatible PCL6 language emulation. PeerlessPrintXL is a trademark of The Peerless Group, Redondo Beach, CA 90278, U.S.A.

This product was developed using the Tornado™ Real Time Operating System and Tools from Wind River Systems.

AGFA  This product contains UFST™ and MicroType® fonts from Agfa Corporation.

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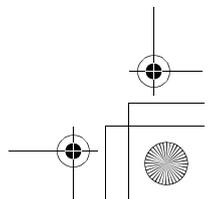
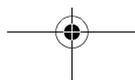
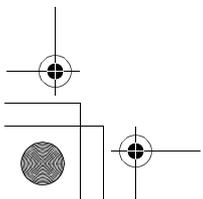
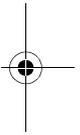
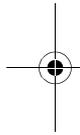
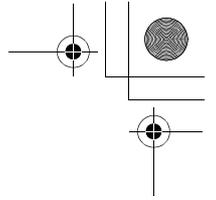
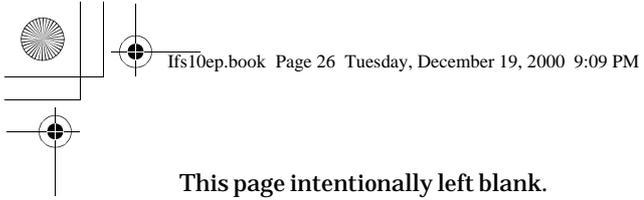
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- b) IBM's then generally available license fee for the Program

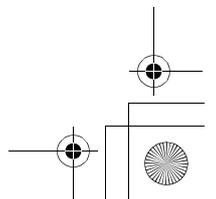
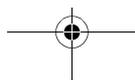
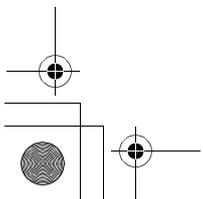
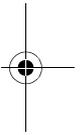
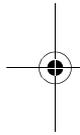
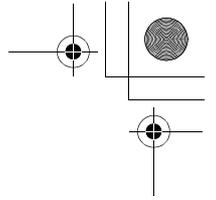
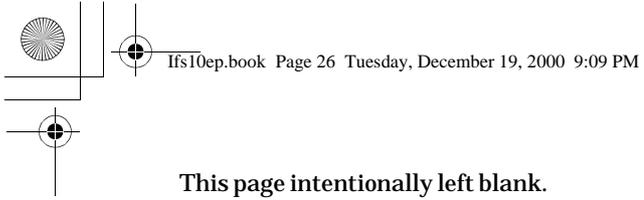
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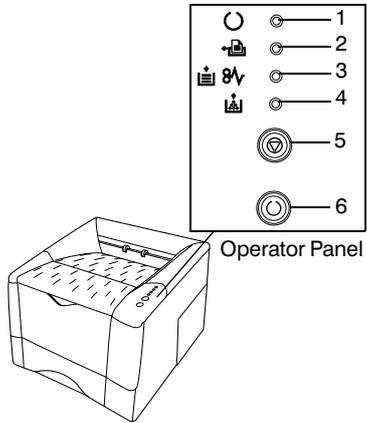
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Operating Keys and Indicators

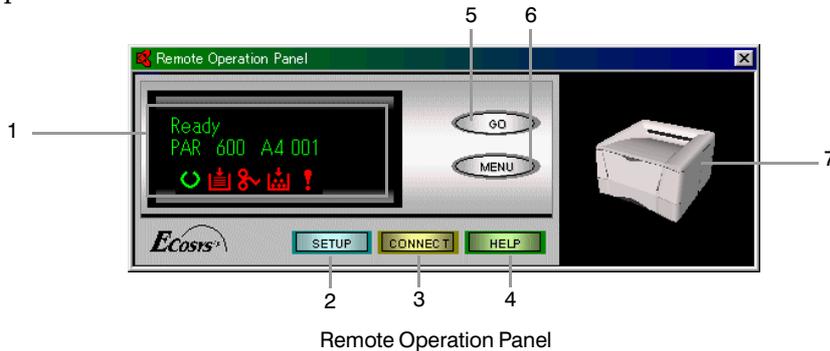
For details on operating procedures, see the *FS-1000+ User's Manual* contained as an electronic file in the CD-ROM supplied with the printer.



Number	Name	Function
1	On line indicator	Indicates whether the printer is on-line or off-line.
2	Data indicator	Indicates that the printer is receiving data.
3	Paper Empty/ Paper Jam indicator	Indicates whether the paper cassette is empty or a paper jam has occurred.
4	Toner indicator	Indicates when toner is low, or when toner is exhausted.
5	(Cancel key)	Abandons a printing job.
6	(Go key)	<ul style="list-style-type: none"> Switches the printer on-line and off-line. When pressed for 3 or more seconds, prints a user status page. Selects the MP tray feed or paper cassette feed when the paper runs out. Prints and feeds out one page.

Remote Operation Panel

The **Remote Operation Panel** is a utility that allows you to make basic printer settings from the computer connected to the printer or the network. For details on installation and usage, see the *FS-1000+ User's Manual* contained as an electronic file in the CD-ROM supplied with the printer.



Remote Operation Panel

Number	Name	Function
1	Message display	Indicates printer status, the active interface, the resolution, the paper size of the current paper cassette, the number of copies to be printed, and error messages.
2	SETUP button	Makes basic settings for the Remote Operation Panel utility.
3	CONNECT button	Selects the type of connection between the printer and the computer — either local (via serial or parallel interface) or network.
4	HELP button	Displays help messages.
5	GO button	Performs the same function as the printer's  key. Displayed only when the printer is connected to a computer via the network.
6	MENU button	Displays various printer settings and confirmation items.
7	Monitor window	Simulates the printer's status using virtual printer animation. For example, when you open the printer's top cover, the top cover on the printer image also open.