



## Thank You

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## Registering the Printer

**Mail**—Fill out and send in the registration card enclosed in your shipment.

**Internet**—[www.qms.com/support/prodreg](http://www.qms.com/support/prodreg) (US only)

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# Getting Acquainted with Your Printer

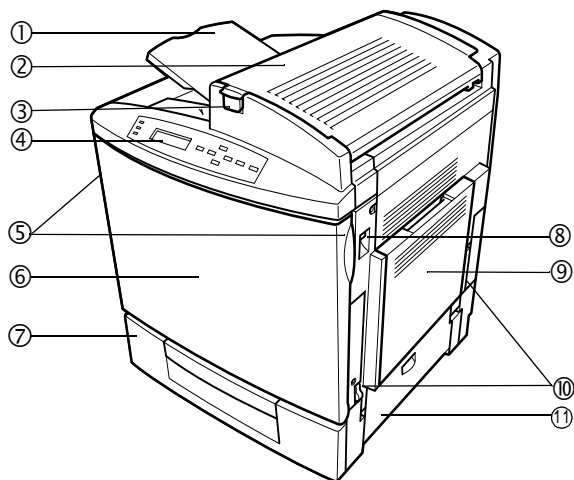
## Model-Specific Features

Features/Model	N	GN	EN	DP
Print Speed	5/20*	5/20*	5/20*	5/20*
SDRAM	64 MB	128 MB	128 MB	256 MB
Resolution	600 x 600 dpi	1200 x 1200 dpi	1200 x 1200 dpi	1200 x 1200 dpi**
500-sheet Letter/ A4/Legal Upper Media Tray	●	●	●	●
Multipurpose Tray	●	●	●	●
Internal IDE Hard Disk	○	○	●	●
Time-of-Day Clock	○	○	●	●
Lower Feeder Unit	○	○	○	●
Duplex Unit	○	○	○	●
Number of Cartons in Shipment	1	1	1	3***
<b>Notes</b>	*5 = color; 20 = monochrome black. **Full-speed duplexing at 1200 x 1200 dpi printing with most media sizes. ***If you don't receive all 3 cartons, contact your shipping company or local vendor.  ● = Standard ○ = Optional			

The drawings on these pages illustrate the parts of your printer referred to throughout this guide, so please take some time to become familiar with them.

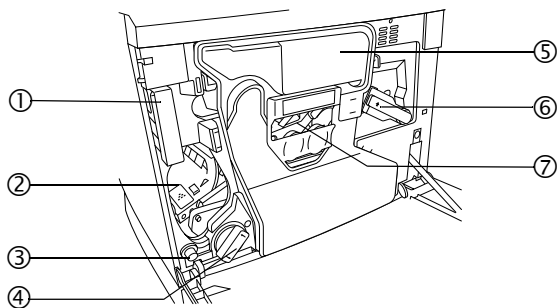
## Front/Right Side View

- 1—Output tray
- 2—Top cover
- 3—Top cover latch
- 4—Control panel and message window
- 5—Front cover latch (one on each side)
- 6—Front cover
- 7—Upper media tray (tray also known as a cassette)
- 8—Right-side cover latch
- 9—Multipurpose tray (closed)
- 10—Pull-out carrying bars (one on each side)
- 11—Upper feed path cover



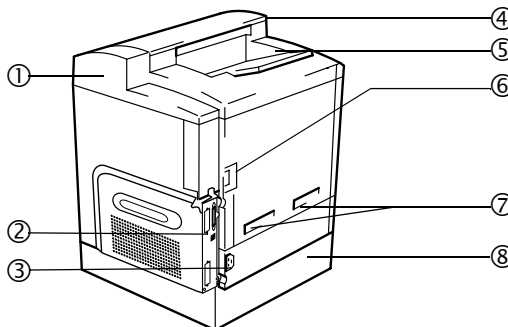
## Front Internal View

- 1—Toner ejection lever
- 2—Toner cartridge slot
- 3—Toner carrousel release button
- 4—Toner rotation knob
- 5—Waste toner pack
- 6—Transfer belt unit right release lever
- 7—OPC drum cartridge



## Left Side/Rear Side View

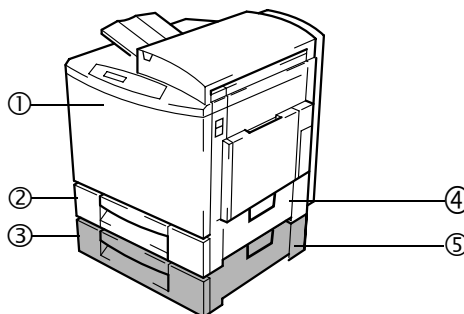
- 1—Ventilation grille
- 2—Interface panel
- 3—Main power switch
- 4—Top cover
- 5—Output tray
- 6—AC power connector
- 7—Hand grips for moving printer
- 8—Media tray (left side)



## Lower Feeder Unit (Standard with DP Model)

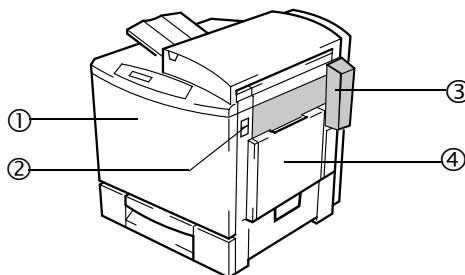
- 1—Front cover
- 2—Upper media tray (also called a cassette)
- 3—Lower feeder unit with media tray
- 4—Upper feed path cover
- 5—Lower feed path cover

**The lower feeder unit has grips on all four corners. When moving the printer with a lower feeder unit attached, hold the printer only by the lower feeder unit grips, not by the printer body.**



## Duplex Unit (Standard with DP Model)

- 1—Front cover
- 2—Right-side cover release
- 3—Duplex unit
- 4—Multipurpose tray



# Documentation Set

Your magicolor 2200 comes with two CD-ROMs. All the documentation is on the *Documentation* CD-ROM unless otherwise noted below. It is provided in Adobe Acrobat PDF format.



You may discover movie camera icons in the manuals. If you're using the Acrobat PDF version of this guide, click the icon to play a QuickTime video clip of the procedure described in the text.

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<b>Quick Setup Guide</b>	Use this sheet when unpacking the printer (US only).
<b>Service &amp; Support Guide</b>	This lists global sources of service and support for your printer. Further information about MINOLTA-QMS printers is available through the Internet.
<b>Installation Guide</b>	You're looking at this document right now. This assists in setting up the printer, installing a printer driver, and connecting to a network. It also briefly describes the control panel and configuration menu.
<b>User's Guide</b>	The <i>User's Guide</i> guides you through the day-to-day operation of your printer, including information on printing files, refilling print media, and replacing toner. It also includes information on handling, cleaning, and maintaining your printer; improving print quality; and troubleshooting printer problems.
<b>Maintenance Guide</b>	This guide is a handy item to keep at the printer for quick reference information regarding operation and care of the printer.
<b>CrownBook</b>	This manual provides detailed information about Crown architecture, color printing, menu configuration, and advanced computer/network connection and configuration. It can be found in PDF format on the <i>Software Utilities</i> CD-ROM.
<b>Registration Card</b>	Registration and warranty information is included.
<b>Colorific Calibration Card, Color Encore Brochure</b>	These cards and brochure are used to color calibrate your printer and monitor.
<b>Colorific User's Manual</b>	This manual contains instructions for using Colorific's monitor calibration software and helpful information about color management, ICC profiles, and color matching. It can be found in PDF format on the <i>Software Utilities</i> CD-ROM.

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# Setting up Your Printer

## **WARNING!**

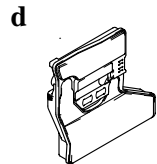
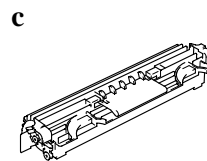
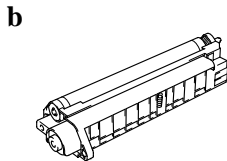
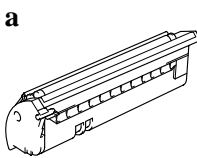
The printer weighs 87.1 lbs (39.5 kg) without consumables. To avoid injury, at least two people must lift and move the printer.

### **Attention**

During installation, do not plug in the printer's power cord until told to do so.

## Shipment Contents

- Printer with a 500-sheet letter/A4/legal media tray
- Consumables kit
  - a 4 toner cartridges
  - b OPC drum cartridge
  - c Fuser oil roller
  - d Waste toner pack




- Power cord
- Documentation (see “Documentation Set” on page 6)

*Interface cables aren't included in the shipment. If you need cables, contact your local vendor or computer store.*

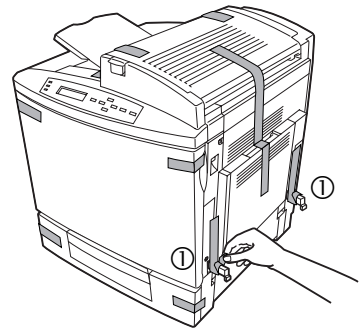
*The DP model comes with separate packaging for the lower feeder unit and the duplex unit.*

## Unpacking the Printer

 Save the packing materials in case you ever have to relocate your printer or for future storage.

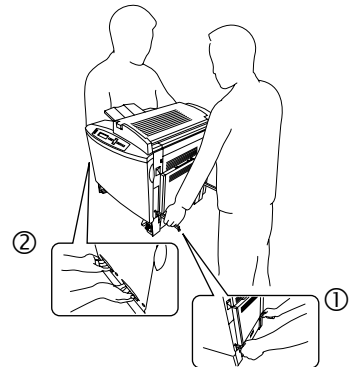
- 1 Remove the protective plastic cover.

- 2 Remove the tape from the outside of the printer.
- 3 Take the tape off of the pull-out carrying bars ① and slide them outward from the printer.



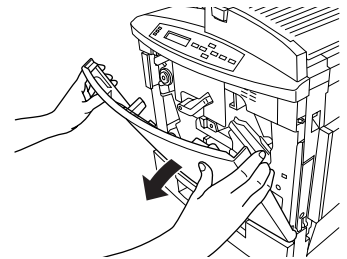
- 4 With another person's help, lift the printer from the carton, and place it in its intended location.

*When lifting and carrying the printer, use the pull-out carrying bars ① and the hand grips ②.*

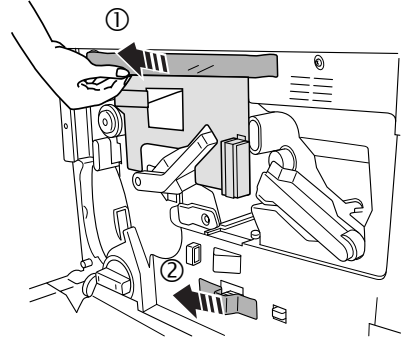



- 5 Open the front cover.

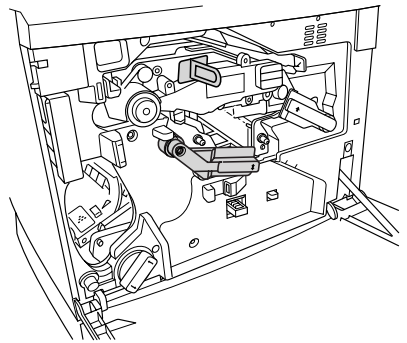
*Use both hands to avoid putting uneven strain on the cover's hinge.*



- 6 Remove the cardboard/foam spacers ① and the tape ② from the laser lens cover.




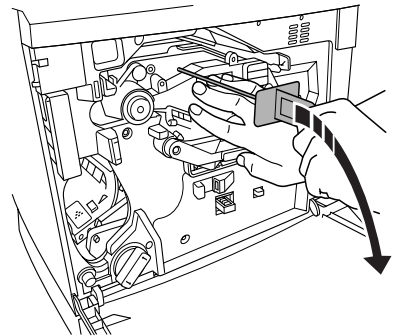
-  *The transfer belt left release lever will move to the 4 o'clock position when you remove the spacers. You will reposition the lever when you install the OPC drum cartridge.*



- 7 Press on the transfer belt unit front handle with one hand, take the yellow handle of the transfer belt unit fixture with your other hand, and pull the fixture straight toward you.

*This fixture protects the transfer belt during initial transportation.*

-  *Dispose of it according to your local regulations.*



## Installing the Toner Cartridges

Your printer uses four toner cartridges: cyan, magenta, yellow, and black.

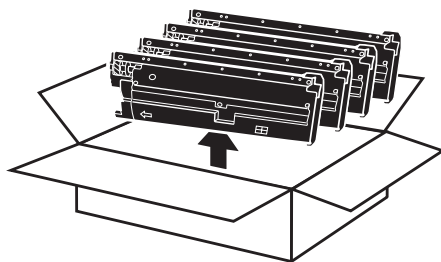


*The toner is nontoxic. If you get toner on your hands, wash them in cool water. If you get toner on your clothes, lightly dust them off as much as possible. If some toner remains on your clothes, use cool, not hot water, to rinse the toner off, provided your clothing is washable.*

## **WARNING!**

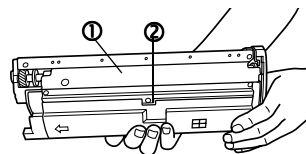
**If you get toner in your eyes, wash it out immediately with cool water and consult a doctor. Material Safety Data Sheets (MSDS) information can be found at [www.minolta-qms.com](http://www.minolta-qms.com) (click on the Answer Base).**

- 1 Remove the toner cartridges from their packaging.



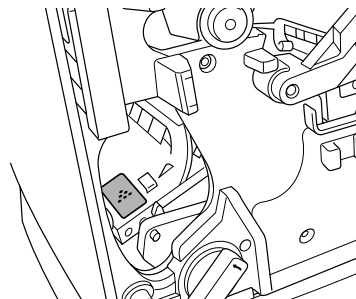
### **Attention**

**Do not touch the toner roller surface ① or move the protective shutter ② away. This could lower image quality.**

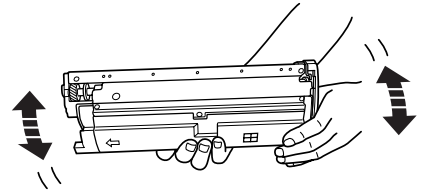


**Do not hold the toner cartridge vertically.**

*Each toner cartridge has a colored end that corresponds to a colored display label inside the slots in the cartridge carousel. Always install the toner cartridge in the slot with a label of the same color.*




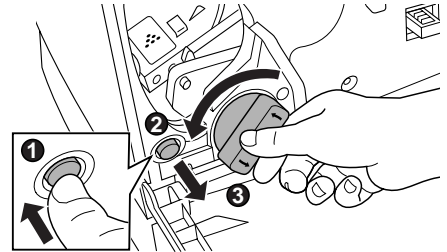
- 2 Holding a cartridge with both hands, gently rock it from side-to-side five or six times to distribute the toner.



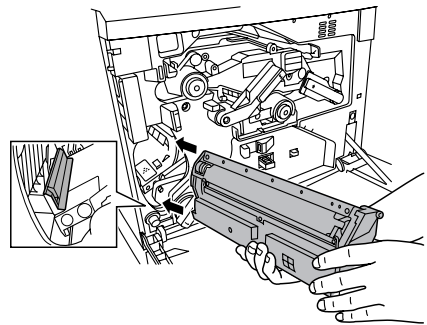
- 3 Press the toner cartridge carousel button ① and release the button ② before turning the carousel dial ③ counterclockwise until it stops.

*The carousel rotates 90° and stops.*

-  *The toner cartridge carousel may start to turn automatically from the weight of the inserted toner cartridge. Make sure you have fully turned to the next slot before trying to insert another toner cartridge.*




- 4 Place the front end of the two toner cartridge guides into the two cartridge guide rails on the cartridge carousel and gently push the cartridge into the printer until it is fully inserted.



### Attention

**If a toner cartridge doesn't slide in easily, don't force it.**

- 5 Repeat steps 2 through 4 until all the toner cartridges are installed.

-  *New cartridges have a "break-in" period of 10–20 sheets before maximum print quality is achieved.*

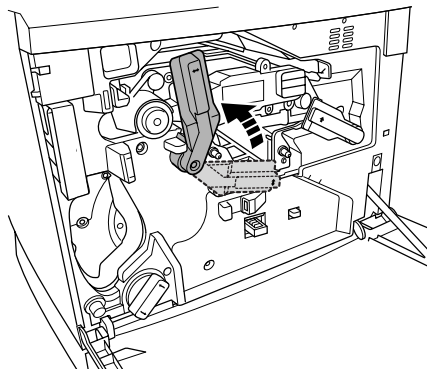
## Installing the OPC Drum Cartridge

The OPC (Organic Photo Conductor) drum cartridge forms the image that is developed and transferred to the media.

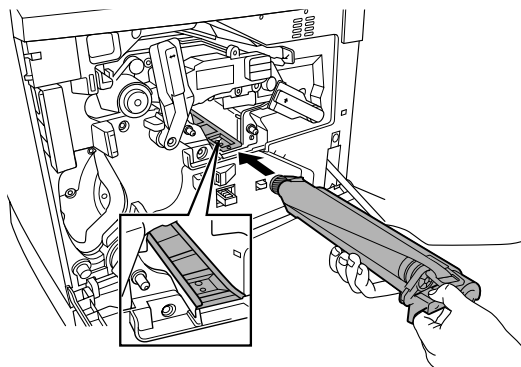
### Attention

**The OPC drum is extremely sensitive to bright light and direct sunlight. Always leave it in its protective bag until you're ready to install it. Any exposure to light should be avoided, or permanent damage could result. Also, handle the cartridge carefully by its sides so you don't touch the surface (the green part) of the drum. The drum is extremely sensitive to hand oils and scratches, both of which reduce print quality. This type of damage is not covered by the product warranty.**

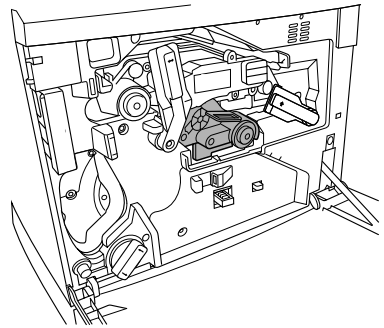
- 1 Rotate the transfer belt unit left release lever counterclockwise to the top (12 o'clock) position to raise the transfer belt unit.



- 2 Holding the OPC drum cartridge level, place the front end of the cartridge guide in the guide rail.




- 3 Push the OPC drum cartridge into the printer until it is firmly seated.

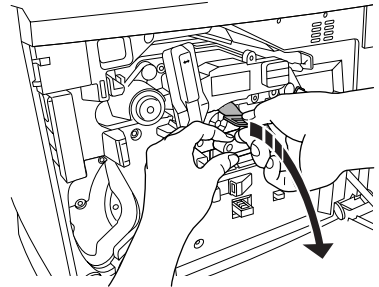


**Attention**

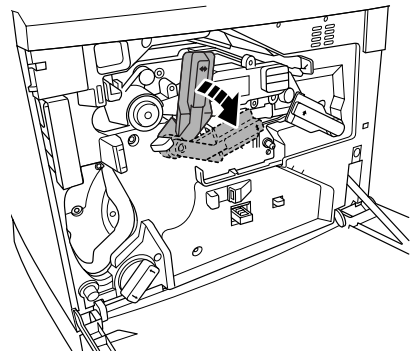
**The cartridge should slide easily into the printer. Don't force it.**

- 4 Press on the front handle of the drum cartridge with one hand and pull the handle of the OPC drum protective sheet straight toward you with the other hand.

 *Dispose of it according to your local regulations.*




- 5 Turn the left release lever of the transfer belt unit clockwise to its correct (2 o'clock) position to lower the transfer belt unit.



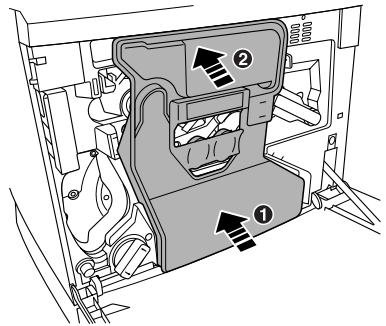
## Installing the Waste Toner Pack

The waste toner pack collects the excess toner remaining on the OPC drum.

- 1 Remove the waste toner pack from its plastic shipping bag.
- 2 Make sure the transfer belt unit left release lever is still set to its correct (2 o'clock) position.

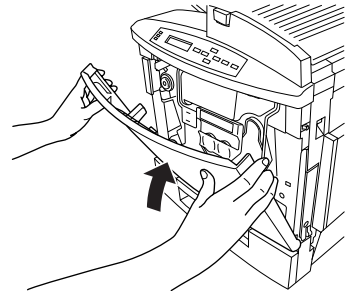
 *If the transfer belt unit left release lever is at its top (12 o'clock) position or the laser lens cover is not firmly seated, the waste toner pack cannot be installed.*

- 3 Press the bottom of the waste toner pack into the printer first, then the top, until it is firmly seated.



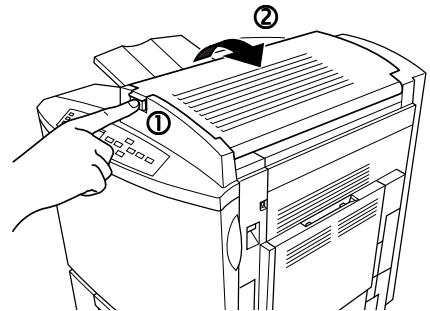
- 4 Close the front cover.

*Use both hands to avoid putting uneven strain on the cover's hinge.*

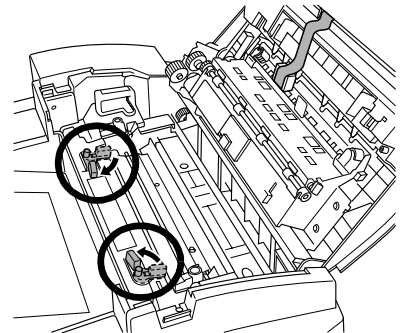


## Installing the Fuser Oil Roller

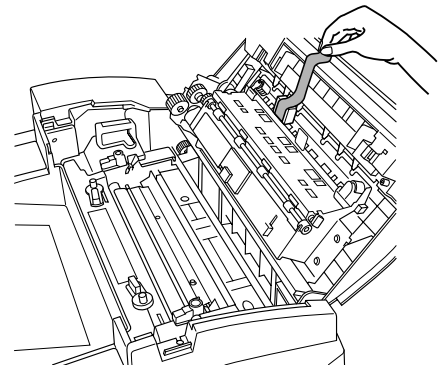
- 1 Push the top cover latch ① to open the top of the printer ②.



- 2 Rotate the two small levers to the unlocked position.



- 3 Remove the tape from the media exit area.

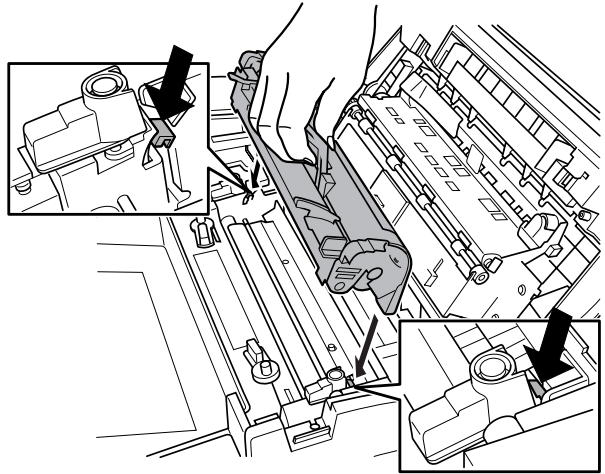


- 4 Remove the fuser oil roller from its box.

### Attention

**Lift and hold the fuser oil roller only by the handle. Do not allow the roller surface to contact the table or get dirty. This could lower image quality.**

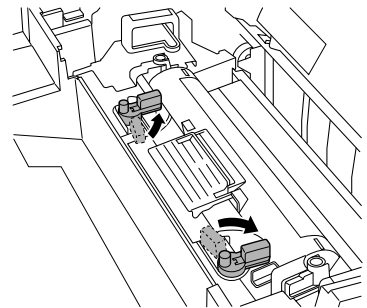
- 5 Insert the fuser oil roller guides into the guide rails (see arrows), then carefully lower the roller.



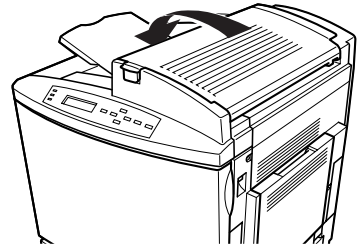
- 6 With the top of the printer open, rotate the two fuser oil roller levers to the locked position.



*If the fuser oil roller release levers are not correctly set, the top cover cannot be closed.*

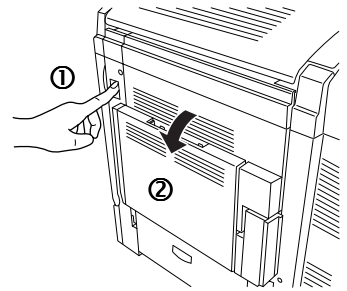


- 7 Close the top cover gently to avoid jarring the fuser oil roller.

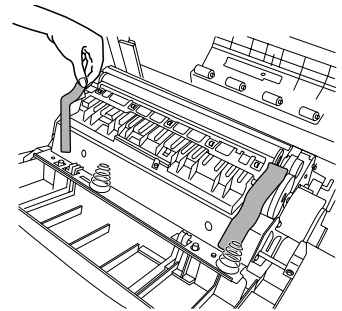


### Removing the Tape from the Transfer Roller

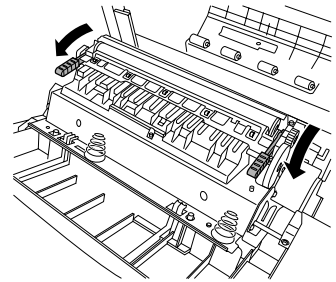
- 1 Press the right cover release button ① and open the right cover ②.



- 2 Remove the tape from the transfer roller unit.

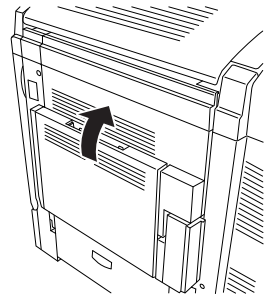


- 3 Make sure the transfer roller unit handles remain in their down position.



- 4 Close the right cover.

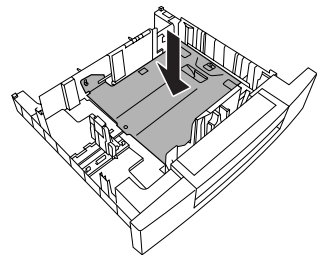
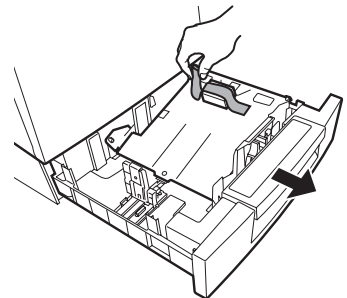
The printer is ready for loading media and installing accessories.



## Loading Media

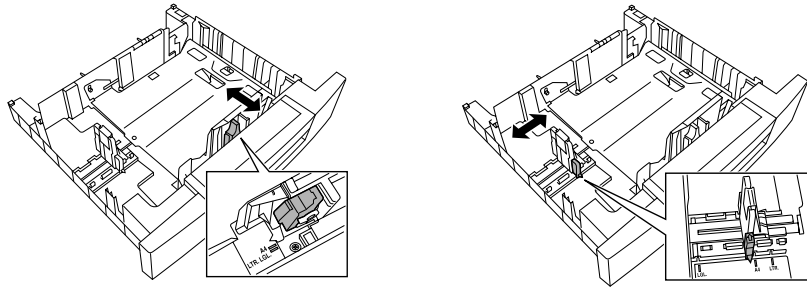
### Loading the Media Tray

- 1 Slide out the media tray.
- 2 Remove the tape and the packing material from the media pressure plate.
- 3 Push the media pressure plate down to lock it in position.



- 4 Adjust the media guides to fit the size paper you're loading.

*Squeeze the retainers, move the guides to the appropriate location (media sizes are listed on the tray), and release the retainers.*

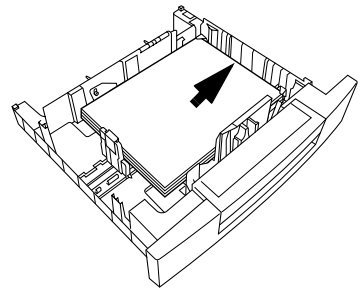


### **Attention**

**The media should fit easily between the guides. Improperly adjusted guides may cause poor print quality, media jams, or printer damage.**

- 5 Load the media face-up, short edge toward the right of the tray.

*Often, an arrow on the media package label indicates the printing-side of the media.*



*A fill limit mark is provided on the inside of the tray. The media tray holds 500 sheets of 20 lb bond (75 g/m<sup>2</sup>) paper.*

